CANADA'S MICHAEL SMITH GENOME SCIENCES CENTRE

# CURRICULUM VITAE

## STEVEN J.M. JONES


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| Canada's Michael Smith Genome Sciences Centre at BC Cancer<br>570 West 7th Avenue<br>Vancouver, British Columbia<br>V5Z 4S6 Canada | Phone: (604) 877 6083 Office<br>Phone: (604) 707 5800 Main Office<br>Fax: (604) 876 3561<br>e-mail: sjones@bcgsc.ca |


## AREAS OF EXPERTISE:

bioinformatics, genomics, cancer genomics, comparative genomics, computational drug design, epigenomics, gene prediction, DNA sequencing, gene expression, gene regulatory control

## EDUCATION:

| Degree | Institution | Subject of Degree | Supervisor | Start Date | End Date |
|---|---|---|---|---|---|
| Ph.D. | Sanger Institute, Cambridge, UK | Bioinformatics | Dr. Richard Durbin and Dr. John Sulston | 03/1995 | 06/1999 |
| M.Sc. | Simon Fraser University, Burnaby, Canada | Genetics | Dr. David Baillie | 01/1991 | 02/1994 |
| B.Sc.(Hons) | Bristol University, Bristol, UK | Biochemistry | | 10/1987 | 06/1990 |

## ACADEMIC EMPLOYMENT HISTORY:

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|---|---|---|
| 09/2019 | Present | Adjunct Professor, Molecular Biology & Biochemistry, Simon Fraser University |
| **04/2016** | **Present** | **Co-Director, Canada's Michael Smith Genome Sciences Centre, BC Cancer** |
| 04/2015 | Present | Scientific Director, Canada's Genomic Enterprise (CGEN.ca) - Vancouver |
| 05/2013 | Present | Adjunct Professor, School of Computing Science, Simon Fraser University |
| 07/2010 | Present | Distinguished Scientist, BC Cancer Research Institute, BC Cancer |
| 07/2010 | Present | Professor, Medical Genetics, University of British Columbia |
| 09/2006 | Present | Chair, Bioinformatics Graduate Program, University of British Columbia |
| 09/2006 | Present | Associate Member, Peter Wall Institute for Advanced Studies, University of British Columbia |
| 07/2002 | Present | Founding Director, CIHR/MSFHR Bioinformatics Training Program |
| 10/2001 | Present | Director, Bioinformatics Platform, Genome British Columbia |
| 06/2000 | Present | Associate Member, Michael Smith Laboratories, University of British Columbia |
| **01/1999** | **Present** | **Head, Bioinformatics, Canada's Michael Smith Genome Sciences Centre, BC Cancer** |
| 10/2008 | 08/2019 | Professor, Molecular Biology & Biochemistry, Simon Fraser University |

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| 11/2005 | 04/2016 | Associate Director, Genome Sciences Centre, BC Cancer |
| 01/1999 | 07/2010 | Senior Scientist, BC Cancer Research Centre, BC Cancer |
| 07/2005 | 06/2010 | Associate Professor, Medical Genetics, University of British Columbia |
| 11/2005 | 06/2010 | Adjunct Professor, Medical Microbiology & Infectious Diseases, University of Manitoba |
| 04/2001 | 10/2008 | Adjunct Professor, Molecular Biology & Biochemistry, Simon Fraser University |
| 10/2002 | 01/2007 | Associate Director, University of British Columbia Bioinformatics Centre (UBiC) |
| 07/2002 | 07/2005 | Assistant Professor, Medical Genetics, University of British Columbia |
| 02/2000 | 06/2002 | Adjunct Professor, Medical Genetics, University of British Columbia |
| 03/1994 | 06/1998 | Bioinformatician, Bioinformatics Department, Sanger Centre, United Kingdom |

**HONOURS AND AWARDS:/**

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|---|---|---|
| 04/2025 | Fellow | Learned Society of Wales |
| 2024 | Distinguished Honorary Affiliate | Canadian College of Medical Geneticists |
| 03/2024 | Outstanding Service in Bioinformatics Award | Bioinformatics Network Canada (BioNet) |
| 04/2023 to Present | Fellow | Royal College of Physicians, Edinburgh |
| 2022 | Assistant Deputy Minister (ADM) Distinction Award for 2022 | Ecosystems and Oceans Science Fisheries and Oceans Canada, Government of Canada |
| 06/2022 | Faculty of Medicine Distinguished Achievement Award | University of British Columbia |
| 10/2020 | Highly Cited Researcher for 2020 | Clarivate Analytics |
| 06/2020 | 2020 Team Science Award: TCGA | American Association for Cancer Research |
| 10/2019 | Highly Cited Researcher for 2019 | Clarivate Analytics |
| 06/2019 to 06/2026 | UBC Canada Research Chair in Computational Genomics | Canadian Institutes of Health Research ($1,400,000) |
| 11/2018 | Highly Cited Researcher for 2018 | Clarivate Analytics |
| 10/2017 | Named one of 40 (from 1200) UBC Science Co-op Supervisor Recognition Award | University of British Columbia Science Co-op Program |
| 09/2016 | Named one of Web of Science Highly Cited Researchers (Computer Science Division) | Thomson Reuters |
| 09/2015 | Named one of 50 (from 22,000) most Inspiring Alummi over the last 50 years | Simon Fraser University |
| 06/2014 | Named one of the World's Most Influential Scientific Minds (Computer Science Division) | Thomson Reuters |
| 06/2014 | Fellow | Canadian Academy of Health Sciences |
| 05/2014 | Faculty of Medicine Distinguished Achievement Award | University of British Columbia, Faculty of Medicine |
| 03/2014 | The Journal of Pathology Jeremy Jass Prize for Research Excellence in Pathology | Manuscript Winner: Concurrent CIC mutations, and 1p/19q loss distinguish oligodendrogliomas from other cancers. |
| 04/2012 | Killam Teaching Prize | University of British Columbia ($5000) |
| 06/2011 | Fellow | Life Sciences Division of Academy of Science<br>Royal Society of Canada |

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| 03/2010 | Genome BC Award for Scientific Excellence | LifeSciences British Columbia |
| 10/2009 | IEEE InfoVis 2009 | Best Paper Award – AbySS-Explorer: Visualizing Genome Sequence Assemblies. |
| 05/2008 | Michael Smith Foundation for Health Research | MSFHR Five Year Senior Scholar Award, Biomedical (July 2008 to June 2013 - $500,000) |
| 10/2007 | Department Teaching Award | Medical Genetics Department, University of British Columbia |
| 07/2006 | Faculty Merit Award | Medical Genetics Department, University of British Columbia |
| 09/2006 | Senior Early Career Scholar | Peter Wall Institute for Advances Studies ($5500) |
| 06/2006 | Spencer Award for IT Innovation | University of British Columbia ($1000) |
| 06/2006 | President's 40th Anniversary Award | Simon Fraser University |
| 05/2006 | Top 40 Under 40 Award | Canada's Caldwell Partners International |
| 01/2006 | Top 40 Under 40 Award | Business in Vancouver |
| 07/2005 | Faculty Merit Award | Medical Genetics Department, University of British Columbia |
| 11/2004 | Outstanding Alumni Awards 2004, Simon Fraser University | Outstanding Alumni Award for Academic Achievement |
| 03/2004 | BC Biotech Biotechnology Awards | Innovation and Achievement Award (to Michael Smith Genome Sciences Centre) |
| 12/2003 | Genome Technology Magazine | Voted one of the top 5 most innovative in Bioinformatics |
| 07/2003 | Faculty Merit Award | Medical Genetics Department, University of British Columbia |
| 07/2003 | Michael Smith Foundation for Health Research | MSFHR Five Year Scholar Award, Biomedical (July 2003 to June 2008- $400,000) |
| 07/2003 | Michael Smith Foundation for Health Research | Matching Funds to Five Year Scholar Award (July 2003 – March 2006 $50,000) |
| 07/2003 | Michael Smith Foundation for Health Research | Establishment Grant (July 2003 – March 2006 $75,000) |

## TEACHING EXPERIENCE:

| Year | University | Course Number | Scheduled Hours | Class Size | Hours Taught |
|---|---|---|---|---|---|
| 01/2025 | University of British Columbia | MEDGEN 505 | 3 | 18 | 3 |
| 01/2025 | University of British Columbia | BIOF520 / MBB505 | 4 | 24 | 4 |
| 01/2024 | University of British Columbia | MEDGEN 505 | 4 | 15 | 4 |
| 01/2024 | Simon Fraser University/ University of British Columbia | MBB505/ BIOF520 Topic: Predicting Secreted Proteins | 4 | 16 | 4 |
| 01/2023 | Simon Fraser University/ University of British Columbia | MBB505/ BIOF520 Problem Based Learning | 44 | 18 | 44 |
| 01/2023 | University of British Columbia | MEDGEN 505 | 36 | 18 | 3 |
| 01/2022 | Simon Fraser University/ University of British Columbia | MBB505/ BIOF520 Problem Based Learning | 40 | 19 | 40 |
| 01/2022 | University of British Columbia | MEDGEN 505 | 36 | 18 | 3 |
| 01/2021 | Simon Fraser University/ University of British Columbia | MBB505/ BIOF520 Problem Based Learning | 40 | 30 | 40 |
| 01/2021 | University of British Columbia | MEDGEN 505 | 36 | 15 | 3 |

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| 01/2020 | University of British Columbia | MEDGEN 505 | 36 | 15 | 3 |
| 01/2019 | University of British Columbia | MEDGEN 505 | 36 | 25 | 3 |
| 09/2018 | Simon Fraser University | MBB 440 Molecular Biology | 52 | 33 | 52 |
| 01/2018 | University of British Columbia | MEDGEN 505 | 3 | 15 | 3 |
| 08/2017 | Simon Fraser University/ University of British Columbia | MBB659/BIOF501A | 26 | 20 | 14 |
| 01/2017 | Simon Fraser University/ University of British Columbia | MBB505/ BIOF520 Problem Based Learning. | 4 | 21 | 4 |
| 01/2017 | University of British Columbia | MEDGEN 505 | 3 | 15 | 3 |
| 10/2016 | Guest Lecturer Simon Fraser University | MBB 438 Human Genetics | 2 | 80 | 2 |
| 09/2016 | Simon Fraser University/ University of British Columbia | MBB659/BIOF501A | 26 | 8 | 22 |
| 01/2016 | University of British Columbia | PBL in Bioinformatics | 4 | 12 | 4 |
| 01/2016 | University of British Columbia | MEDGEN 505 | 36 | 14 | 27 |
| 01/2015 | University of British Columbia | PBL in Bioinformatics | 4 | 14 | 4 |
| 01/2015 | University of British Columbia | MEDGEN 505 | 36 | 12 | 30 |
| 02/2014 | Simon Fraser University | MBB 435 Genome Biology | 2 | 27 | 2 |
| 01/2014 | University of British Columbia | PBL in Bioinformatics | 4 | 10 | 4 |
| 01/2014 | University of British Columbia | MEDGEN 505 | 36 | 20 | 33 |
| 06/2013 | Simon Fraser University | MBB 435 Genome Biology | 2 | 60 | 2 |
| 01/2013 | University of British Columbia | MEDGEN 505 | 36 | 18 | 30 |
| 01/2013 | University of British Columbia | PBL in Bioinformatics | 4 | 10 | 4 |
| 03/2012 | Simon Fraser University | MBB 446/746 | 2 | 50 | 2 |
| 01/2012 | University of British Columbia | MEDGEN 505 | 36 | 19 | 30 |
| 01/2012 | University of British Columbia | PBL in Bioinformatics | 4 | 10 | 4 |
| 01/2011 | University of British Columbia | MEDGEN 505 | 36 | 19 | 30 |
| 01/2011 | University of British Columbia | PBL in Bioinformatics | 4 | 10 | 4 |
| 11/2010 | Simon Fraser University | MBB 438 | 2 | 51 | 2 |
| 02/2010 | Simon Fraser University | MBB 440 | 2 | 52 | 2 |
| 01/2010 | University of Bristish Columbia | PBL in Bioinformatics | 4 | 9 | 4 |
| 01/2010 | University of British Columbia | MEDGEN 505 | 33 | 22 | 27 |
| 03/2009 | University of British Columbia | PBL in Bioinformatics | 2 | 12 | 2 |
| 02/2009 | University of British Columbia | PBL in Bioinformatics | 2 | 12 | 2 |
| 01/2009 | University of British Columbia | MEDGEN 505 | 3 | 21 | 3 |
| 01/2008 | University of Bristish Columbia | PBL in Bioinformatics | 4 | 15 | 4 |
| 01/2008 | University of British Columbia | MEDGEN 505 | 36 | 17 | 33 |
| | Canadian Bioinformatics Wkshp | Genomics | n/a | n/a | n/a |

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|---|---|---|---|---|---|
| 07/2007 | Lead Faculty Instructor - Genomics Vancouver 2007 | | | | |
| 01/2007 | University of British Columbia | MEDGEN 505 | 36 | 18 | 30 |
| 05/2006 | Canadian Bioinformatics Workshop Lead Faculty Instructor - Genomics Vancouver 2006 | Genomics | n/a | n/a | n/a |
| 01/2006 | University of British Columbia | MEDGEN 505 | 36 | 24 | 33 |
| 05/2005 | Canadian Bioinformatics Workshop Lead Faculty Instructor - Genomics Calgary 2005 | Genomics | n/a | n/a | n/a |
| 01/2005 | University of British Columbia | MEDGEN 505 | 36 | 20 | 33 |
| 08/2004 | Canadian Bioinformatics Workshop Lead Faculty Instructor - Genomics Vancouver 2004 | Genomics | n/a | n/a | n/a |
| 01/2004 | University of British Columbia | MEDGEN 505 | 36 | 30 | 36 |
| 08/2003 | Canadian Bioinformatics Workshop Instructor Lecturer - Genomics Calgary 2003 | Bioinformatics | n/a | n/a | n/a |
| 03/2003 | Simon Fraser University | MBB829 | 6 | 12 | 6 |
| 02/2003 | Canadian Bioinformatics Workshop Instructor Lecturer - Bioinformatics Vancouver 2003 | Bioinformatics | 3 | 50 | 3 |
| 10/2002 | Canadian Bioinformatics Workshop Panel Participant and Instructor Lecturer - Genomics Montreal 2002 | Genomics | n/a | n/a | n/a |
| 02/2002 | Canadian Bioinformatics Workshop Instructor Lecturer – Bioinformatics Vancouver 2002 | Bioinformatics | n/a | n/a | n/a |
| 01/2002 | University of British Columbia | MEDGEN 505 | 36 | 40 | 36 |
| 01/2001 | Canadian Bioinformatics Workshop Instructor Lecturer – Genomics Montreal 2001 | Genomics | n/a | n/a | n/a |
| 01/2001 | University of British Columbia | MEDGEN 505 | 36 | 53 | 36 |
| 01/2000 | Canadian Bioinformatics Workshop Instructor Lecturer – Genomics Vancouver 2000 | Genomics | n/a | n/a | n/a |

**SOCIETY MEMBERSHIPS:**

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|---|---|---|
| 2013 | 2020 | Member, American Society of Hematology (ASH) |
| 2013 | 2020 | Member, American Association for Cancer Research (AACR) |
| 2009 | 2010 | Member, International Society for Computational Biology (ISCB) |
| 2006 | 2007 | Member, Canadian Society for Systems Biology (CSSB/SBSC) |
| 2006 | 2007 | Member, Association for Computing Machinery, Special Interest Group—Knowledge Discovery in Data |
| 2006 | 2006 | Member, International Society for Computational Biology (ISCB) |
| 2004 | 2004 | Member, International Society for Computational Biology (ISCB) |
| 1990 | 1992 | President, Simon Fraser University, Biology Graduate Student Society |

**COMMITTEE AND OTHER INVOLVEMENT:**

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| 03/2025 | Present | Member, Marathon of Hope Cancer Centres Network (MOHCCN) Health Informatics & Data Science Competition Review Panel |
| 03/2025 | Present | Member, CGEn Data Committee |
| 10/2024 | Present | Member, Mentorship Committee for Dr. Emilia Lim, Department of Biochemistry & Molecular Biology, University of British Columbia |
| 12/2022 | Present | Member, Terry Fox Research Institute Marathon of Hope Cancer Centres Network Steering Committee |
| 03/2022 | Present | Member, Medical Genetics **(**MEDG) Graduate Program Advisory Committee, University of British Columbia |
| 2021 | Present | Member, CGEn Scientific Advisory Board, Canada's National Platform for Genome Sequencing & Analysis |
| 07/2021 | Present | Member, Canada Research Chairs Internal Review Committee, University of British Columbia |
| 05/2021 | Present | Member, BC COVID-19 Biobank Network (BCCBN) Scientific Review Committee |
| 12/2020 | Present | Member, Academy of Translational Medicine (ATM) Regulatory Advisory Council, University of British Columbia |
| 04/2020 | Present | Member, Precision Oncology Experimental Therapeutics (POET) Planning Committee |
| 2019 | Present | Co-Chair, Terry Fox Research Institute Marathon of Hope Cancer Centres Network, Data Policy and Standards Committee |
| 07/2017 | Present | Member, PROFYLE Executive Committee (PEC) |
| 03/2017 | Present | President & CEO, Ifowonco Informatics |
| 04/2015 | Present | Member, CGEn Project Executive Committee |
| 07/2012 | Present | Member, CIHR Canadian Epigenetic, Environment and Health Research Consortium (CEEHRC) |
| 05/2025 | 05/2025 | Panelist, BioNet 2025. Calgary, AB. |
| 11/2024 | 11/2024 | Session Chair, Somatic Mutations in Ageing and Disease. Precision Oncology Experimental Therapeutics (POET) Congress. Calgary, AB. |
| 11/2024 | 11/2024 | Panelist, Discuss Provincial Perspective on AB Readiness for Implementing Precision Oncology, Alberta Precision Medicine Day. Calgary, AB. |
| 11/2024 | 11/2024 | Panelist, AI as a driver of Translational Medicine, Transforming Health Symposium. Vancouver, British Columbia |
| 10/2024 | 12/2024 | Member, SickKids and CHU Sainte-Justine Precision Child Health Partnership (PCHP) Catalyst Program Adjudication Panel |
| 10/2024 | 10/2024 | Member, Review Panel, National Research Data Infrastructure (NFDI), German Federal and State Governments. Bonn, Germany |
| 05/2024 | 05/2024 | Participant, Genome BC Biodiversity Policy and Practice: British Columbia and the Kunming-Montreal Global Biodiversity Framework Worshop |
| 04/2024 | 06/2024 | Member, Clinical Scientist Search Committee, Medical Genetics, University of British Columbia |
| 02/2024 | 03/2024 | Member, SickKids and CHU Sainte-Justine Precision Child Health Partnership (PCHP) Catalyst Program Adjudication Panel |
| 10/2023 | 10/2023 | Session Chair, AI in Cancer. Precision Oncology Experimental Therapeutics (POET). Calgary, Alberta. |
| 04/2023 | 05/2023 | Chair, Terry Fox Research Institute Marathon of Hope Cancer Centres Network, Review Committee for the Health Informatics & Data Science Competition |
| 05/2021 | 12/2022 | Member, CanCOGeN Data Sharing Committee, Genome Canada |
| 01/2021 | 12/2022 | Member, CanCOGeN Coordination Committee, Genome Canada |
| 01/2016 | 2022 | Member, Gairdner Medical Review Panel |
| 02/2009 | 03/2022 | Member, Genomic Sciences and Technology Graduate Program (GSAT), UBC |
| 03/2022 | 03/2022 | Participant, Opening Remarks, 2022 BIG Research day, 11th Annual Meeting, University of British Columbia, Vancouver, BC |

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| 11/2021 | 11/2021 | Session Chair, BC Cancer Summit, BC Cancer Research Stream, Virtual |
| 10/2020 | 10/2020 | Session Chair, Precision Oncology Experimental Therapeutics (POET) Virtual. Adoption of genomics for clinical decision making Across Canada |
| 02/2020 | 03/2020 | Member, Faculty of Medicine Killam Teaching Prizes Adjudication Committee, UBC |
| 05/2019 | 2020 | Reviewer, European EASI-Genomics Infrastucture, Sequencing & Bioinformatic Platforms |
| 12/2019 | 12/2019 | Member, Deutsche Forschungsgemeinschaft (DFG) "Medicine" Review Panel Bonn, Germany |
| 09/2019 | 2019 | Member, Bioinformatics & Machine Learning Recruitment Search Committee, Medical Genetics UBC/BC Cancer |
| 05/2019 | 2019 | Member, Search Committee, Computational Cancer, UBC |
| 09/2017 | 2018 | Member, Search Committee, Simon Fraser University, Cancer Biology Faculty Position |
| 03/2016 | 09/2018 | Member, Genome England-Genome BC Steering Committee. |
| 10/2016 | 09/2018 | Member, Population Sequencing Leadership Council Working Group (PLCWG) |
| 04/2018 | 04/2018 | Session Chair, Pricision Oncology Experimental Therapeutics (POET) Calgary, Alberta. Epigenetics as a Precision Biomarker in the Era of Immunotherapy |
| 01/2018 | 01/2018 | Participant and Panel Member, Life Sciences BC "Access to Innovation-Precision Health |
| 09/2017 | 11/2017 | Member, Terry Fox Research Institute (TFRI) New Investigator Review Committee |
| 09/2017 | 09/2017 | Participant, Genome Canada, Rare Disease and Implementation of Genomics in the Healthcare System, Ottawa, ON |
| 06/2017 | 06/2017 | Participant and **Keynote Speaker,** Cancer Genomics CBW Workshop, Toronto, ON |
| 05/2017 | 05/2017 | Participant and Invited Speaker, Canadian Foundation for Innovation Workshop and Princess Margaret Cancer Centre, Toronto, ON |
| 04/2017 | 04/2017 | Participant and Session Chair, Precision Oncology Exerimental Therapeutics (POET), Calgary, Alberta |
| 07/2013 | 2017 | Member, Research Advisory Committee, The Pancreas Centre BC |
| 12/2016 | 12/2016 | Participant and **Keynote Speaker**, Functional Genomics Symposium, Doha, Qatar |
| 10/2016 | 10/2016 | Participant, Roundtable Research Leaders Discussion, Genome BC, Vancouver, BC |
| 10/2016 | 10/2016 | Participant, American Society of Human Genetics (ASHG), Vancouver, BC |
| 10/2016 | 10/2016 | Participant and Invited Speaker, Global Alliance for Genomics and Health, Vancouver,BC |
| 10/2016 | 10/2016 | Participant and Presenter, BioCanRx Board of Directors Meeting, Vancouver, BC |
| 09/2016 | 09/2016 | **Keynote Speaker**, Seven Bridges Graph Genome Day, London, UK |
| 09/2016 | 09/2016 | Participant, European Commission Workshop & The Blueprint/IHEC Conference, Brussels, Belgium |
| 07/2016 | 07/2016 | Participant, IEEE World Congress on Computational Intelligence Conference, Vancouver, BC |
| 06/2016 | 06/2016 | Participant and Presenter, Pediatric Oncology Conference, Vancouver, BC |
| 06.2016 | 06/2016 | Participant and Invited Speaker, Summit for Cancer Immunotherapy Conference, Halifax, Nova Scotia |
| 05/2016 | 05/2016 | Participant, Terry Fox Research Institute (TFRI) Annual Scientific Meeting, Vancouver,BC |
| 05.2016 | 05/2016 | Participant and **Keynote Speaker**, 1st Annual Canadian Computational Biology Conference, Toronto, Ontario |
| 05/2016 | 05/2016 | Member, Peter Wall Theme Development Workshop Application, Calgary, Alberta |
| 03/2016 | 03/2016 | Participant, Science and Industry Advisory Committee (SIAC), Genome BC, Vancouver |
| 12/2015 | 12/2015 | Member, Peer Review Panel, Genetics Networks Program, Canadian Institute for Advanced Research (CIFAR) |
| 04/2015 | 07/2016 | Member, Local organizing committee, International Union of Biochemistry & Molecular Biology (IUBMB) |
| 02/2016 | 02/2016 | Session Chair, Advances in Genome Biology & Technology, Orlando, Florida |

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| 01/2016 | 01/2016 | Session Chair, Computational Epigenomics, Epigenomics Conference, San Juan, Puerto Rico. |
| 01/2016 | 01/2016 | Panel Member, Shaping the Furture of Health, BCTECH Summit, Vancouver, BC. Moderator: Honourable Terry Lake, Minister of Health |
| 2012 | 2016 | Member, Biocomputing Scientific Advisory Board, Ontario Institute for Cancer Research |
| 02/2015 | 02/2015 | Participant, 10th Scientific Workshop of the International Cancer Genome Consortium (ICGC), Verona, Italy |
| 08/2011 | 12/2014 | Member, Scientific Advisory Board, Genome Alberta Bovine Genomics |
| 11/2013 | 10/2014 | Organizing Member, 2014 IHEC Symposium, Vancouver, BC |
| 06/2014 | 06/2014 | Participant, Genome Canada/CIHR Bioinformatics and Computational Biology Strategy Committee Meeting, Toronto, Ontario |
| 11/2013 | 11/2013 | Participant and Invited Speaker, EMBL Conference on Cancer Genomics, Heidelberg, Germany |
| 11/2013 | 11/2013 | Participant and Invited Speaker, IHEC Symposium, Berlin, Germany |
| 10/2013 | 10/2013 | Participant, IBM Research, Genomic Medicine Strategic Meeting, NY, NY |
| 07/2013 | 07/2013 | Participant, FSHD Genomics & Epigenomics Workshop, FHCRC, Seattle, Washington |
| 06/2013 | 06/2013 | Participant, Conifer Genome Sequencing Summit, Bjorkliden, Lapland, Sweden |
| 02/2013 | 02/2013 | Member, FOM, UBC Killam Teaching Prize Adjudication Committee |
| 01/2013 | 01/2013 | Participant & Speaker, McGill University, Systems Biology Workshop, Barbados |
| 01/2013 | 01/2013 | Session Chair, Genomic Applications, APBC, Vancouver, BC 2013 |
| 01/2013 | 01/2013 | Session Chair, **Keynote address**, APBC, Vancouver, BC, 2013 |
| 01/2012 | 01/2013 | Organizer, 11th Asia Pacific Bioinformatics Conference, Vancouver, BC, 2013 |
| 04/2006 | 01/2012 | Member, AGBT, Scientific Advisory Committee, Marco Island, Florida |
| 09/2012 | 09/2012 | Paticipant, International Human Epigentics Consortium, Seoul, Korea 2012 |
| 06/2012 | 06/2012 | Session Chair, 1st International Conference on Integrative Salmonid Biology, Oslo Norway |
| 01/2012 | 01/2012 | Session Chair, Keynote 2, APBC 2012, Melbourne, Australia |
| 01/2012 | 01/2012 | Panel Member, Bioinformatics: Current Stratagies and Future Directions, APBC 2012, Melbourne, Australia |
| 11/2011 | 11/2011 | Session Chair, CSHL: Genome Informatics, CSHL, NY |
| 10/2011 | 10/2011 | Participant and Invited Speaker, Next-generation Sequencing Technology & Algorithms for Primary Data Inalysis Workshop, IPAM, UCLA, Los Angeles, CA |
| 09/2011 | 09/2011 | Participant and Invited Speaker, CIHR Personalized Medicine Workshop, Luxembourg |
| 06/2011 | 06/2011 | iDEA Challenge Conference (Illumina's Data Excellence Award) San Diego, CA |
| 05/2011 | 05/2011 | iDEA Challenge Judging Meeting (Illumina's Data Excellence Award) Alexandria, VA |
| 04/2011 | 04/2011 | Review Panel Member, Alberta Innovates Health Solutions Grant Review Committee, Edmonton, AB |
| 03/2011 | 03/2011 | Invited Presenter: Student Biotechnology Network (SBN), Vancouver, BC. Title: "Next Generation Bioinformatics" |
| 01/2009 | 01/2011 | Member, International Cancer Genome Consortium (ICGC) Data Coordination and Management Working Group |
| 12/2010 | 12/2010 | Participant, 3rd Next Generation Sequencing Hinxton Retreat Workshop, Hinxton, UK |
| 11/2010 | 11/2010 | Invited Presenter: Year of Science, Vancouver, BC. Title: "The road to personalized medicine: the right treatment for the right person at the right time" |
| 09/2010 | 09/2010 | Co-Chair, CSHL, Personal Cancer Genomes, CSHL, NY |
| 07/2010 | 07/2010 | Committee Member, Illumina Sequencing Expert Panel, Toronto, Ontario |
| 06/2010 | 06/2010 | Chair, CIHR Emerging Team Grant Peer Review Committee, Ottawa |
| 05/2010 | 05/2010 | Panel Member, Genome BC Genomics Forum 2010, Vancouver, BC |
| 06/2009 | 06/2009 | Chair, CIHR Catalyst Grant:Bioinformatics Competition, Ottawa |
| 05/2009 | 05/2009 | Panel Member, Genome Canada Data Release Workshop, Toronto |
| 03/2009 | 03/2009 | Panel Member, High-Thruput Sequencing (HTP) Meeting, Medical Research Council, UK |

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| 10/2008 | 10/2008 | Participant, CCRA/CPAC International Cancer Genome Consortium Workshop, Toronto |
| 04/2008 | 04/2008 | Ad-hoc Member, Genome Institute of Singapore External Scientific Review Committee |
| 04/2008 | 04/2008 | Participant, Genome Canada Cancer Stem Cell Workshop, Toronto |
| 04/2008 | 04/2008 | Participant & Speaker, McGill University rSNP's Workshop, Barbados |
| 05/2007 | 05/2007 | Co-Chair, 12th Human Genome Meeting, Human Genome Organization, Montreal, Qu. |
| 01/2007 | 02/2007 | Review Panel Member, Joint Genome Institute, Walnut Creek, California |
| 09/2002 | 01/2007 | Member, University of British Columbia, UBC Bioinformatics Centre (UBiC) Steering Committee |
| 04/2006 | 12/2006 | Member, Scientific Organizing Committee, The RegCreative Jamboree, Ghent, Belgium |
| 12/2004 | 12/2006 | Reviewer, MSFHR, Biomedical Research Committee |
| 11/2006 | 11/2006 | Review Panel Member, Research Initiatives Program, Alberta Cancer Board |
| 11/2002 | 11/2006 | Member, CIHR, Institute of Genetics Bioinformatics Priority and Planning Committee |
| 07/2003 | 07/2006 | Member, CIHR, Genomics Grants Committee |
| 06/2004 | 06/2006 | Member, BC Cancer Agency, Tumour Tissue Repository Governing Board |
| 08/2004 | 05/2006 | Lead Faculty Instructor, Annual Canadian Bioinformatics Workshops (CBW) |
| 06/2002 | 05/2006 | Member, University of British Columbia, Medical Genetics Graduate Program Advisory Committee |
| 02/2002 | 05/2006 | Core Faculty Member, Canadian Bioinformatics Workshops (CBW) |
| 01/2000 | 05/2006 | Instructor Lecturer, Annual Canadian Bioinformatics Workshops (CBW) |
| 01/2004 | 01/2006 | Member, Genome BC, Scientific Advisory Committee |
| 11/2005 | 11/2005 | Participant & Speaker, Wellcome Trust & EBI, Cis-Regulation Workshop |
| 10/2005 | 10/2005 | Participant & Speaker, International cGRASP Workshop |
| 05/2005 | 05/2005 | Member, Genome BC, BC Proteomics Network Research Committee |
| 05/2004 | 05/2005 | Member, OHRI, International Regulome Consortium |
| 04/2005 | 04/2005 | Panelist, Genome BC, Technology Development Panel, Genomics Forum 2005 |
| 03/2005 | 03/2005 | Participant & Speaker, Genome Canada (ICI) & University of British Columbia, Joint Workshop on Wine Genomics |
| 03/2004 | 03/2005 | Member, BCNET, Committee for Development of HPC in BC |
| 06/2004 | 01/2005 | Member, National Consultation on Access to Scientific Research Data (NCASRD), Task Force |
| 05/2004 | 05/2004 | Participant, BC Cancer Agency, Roundtable with Prime Minister Martin |
| 10/2002 | 05/2004 | Member, BC Cancer Agency, Tumour Tissue Repository Development Committee |
| 06/1999 | 05/2004 | Member, Simon Fraser Univeristy Alumni Association, Board of Directors |
| 02/2004 | 02/2004 | Reviewer, International Conference on Intelligent Systems for Molecular Biology (ISMB) |
| 10/2003 | 01/2004 | Search Committee Member, Simon Fraser University, Vice President Research |
| 12/2003 | 12/2003 | Participant, CIHR, First Annual Workshop of CIHR Training Programs |
| 12/2003 | 12/2003 | Invited Speaker, CIHR, Institute Advisory Board Meeting |
| 12/2003 | 12/2003 | Participant, Genome Canada, Modelling and Computational Biology Workshop |
| 02/2002 | 12/2003 | Member, BC Cancer Research Centre, Patent Committee |
| 11/2003 | 11/2003 | Panelist, BCNET/NewMIC, Breakfast Panel Discussion |
| 10/2003 | 11/2003 | Member, Canadian Foundation for Innovation (CFI), Multidisciplinary Advisory Committee |
| 10/2003 | 10/2003 | Speaker, Genome BC, Public Forums "Who's Got Their Hands On My Genes?" |
| 09/2003 | 09/2003 | Roundtable on Genetic Information and Privacy, Industry Canada |
| 03/2003 | 03/2003 | Invited Speaker, Simon Fraser University, Dean's Science Reception |
| 03/2003 | 03/2003 | Session Chair, Cold Spring Habour Laboratory, Genome Informatics, CSHL, NY |
| 02/2003 | 02/2003 | Session Chair, Advances in Genome Biology & Technology Conference, Automation in DNA Mapping and Sequencing, Marco Island, Florida, USA |
| 02/2003 | 02/2003 | Participant, CIHR, Gene Environment Initiative |
| 12/2001 | 01/2003 | Member, CIHR, Institute of Genetics Career Transition Awards Peer Review Committee |
| 12/2002 | 12/2002 | New Frontiers: Italian/Canadian Genomic Population Genetics and Bioinformatic Collaborations Conference |

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|---|---|---|
| 11/2002 | 11/2002 | Panel Participant, BCNET/NewMIC, Breakfast Panel Discussion |
| 2000 | 2000 | NIH/NHGRI sub-committee for computational and analytical issues for the sequencing of the mouse genome |
| 2001 | 2001 | Joint workshop on bioinformatics, CIHR (Genetics) & Genome Canada |
| 2001 | 2001 | Search Committee Member, Simon Fraser University, Vice President Research |
| 2001 | 2002 | Tumour Tissue Repository Steering Committee, BC Cancer Agency |

**EDITORIAL RESPONSIBILITIES:**

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|---|---|
| 02/2014- Present | Editor, *CSH Molecular Case Studies* |
| 2004 - Present | Member, Editorial Board, *Genome Research* |
| 1999 – Present | Reviewer, *Bioinformatics* |
| 1999 – Present | Reviewer, *Genome Research* |

**PUBLIC OUTREACH/SERVICE:**

| | | |
|---|---|---|
| 08 Mar 2024 | Zoom interview with Mariella Bodemeier Loayza Careaga of The Scientist Magazine re. ChIP Seq. | |
| 21 Feb 2018 | Phone interview w/Karina Dill, 10xgenomics. https://community.10xgenomics.com/t5/10x-Blog/Reference-Quality-genome-assemblies-for-conservation-biology/ba-p/805 | |
| 03 Jan 2018 | Phone interview w/Beatrice Riche, www.whalesonline.org (GREMM) . http://baleinesendirect.org/genome/ | |
| 11 Dec 2017 | On camera interview w/Linda Aylesworth, Global TV Re: Beluga and Otter Genomes. https://globalnews.ca/video/3910868/researchers-mapping-beluga-whale-genome-for-the-first-time | |
| 29 Sept 2017 | On camera interview w/Laura Tretheway, Vancouver Aquarium Re: Beluga Sequencing . https://ocean.org/stories/beluga-genome/#cover | |
| 17 Jan 2017 | Picchoine Lecture Series, Halifax Public Library, Halifax, Nova Scotia. January 17, 2017. "Genome sequencing for the improvement of cancer diagnosis and treatment", talk and panel discussion. | |
| 02 Oct 2015 | Phone interview w/Jackie Amsden. **Simon Fraser University's 50 Inspiring Alumni**. https://www.sfu.ca/dean-gradstudies/blog/year/2015/09/StevenJones-MBB.html | |
| 29 Jun 2015 | Phone interview w/Pamela Feyerman of the Vancouver Sun re: Can a computer select the best cancer treatment? https://shar.es/1txxAN; https://shar.es/1tyARs | |
| 15 June 2015 | Live telephone interview w/Pamela McCall of CFAX Radio, Victoria re: Genomics Network. https://soundcloud.com/pamela-mccall-cfax/june-15-10am?in=pamela-mccall-cfax/sets/pamela-mccall&utm_source=soundcloud&utm_campaign=share&utm_medium=email | |
| 28 May 2015 | Telephone interview w/Ivan Semeniuk of The Globe and Mail re: CFI CGen Project. Published on Saturday May 30th Globe and Mail Page A13. | PDF Genes, isotopes & oil spills.pdf |
| 07 May 2015 | Telephone interview w/Jackie Amsden, Graduate Student Engagement Office, SFU re "Department of Molecular Biology and Biochemistry nomination as their most inspiring graduate student over the past 50 years." | |
| 02 Mar 2015 | Telephone interview w/Micaela Evans of "The Peak" Newpaper at SFU re: Researchers map genes to better treat cancer. http://temporary-the-peak.ca/researchers-map-genes-to-better-treat-cancer/ | |
| 20 Feb 2015 | Telephone interview w/Tereza Verenca of "Burnaby Now" Newspaper re: Massive scientific road map. http://www.burnabynow.com/news/sfu-researcher-and-co-reveal-massive-scientific-road-map-1.1770029 | |
| 01 Nov 2014 | Telephone interview w/Pamela Fayerman of The Vancouver Sun re: Mystery Revealed. https://shar.es/1txxVx | |
| 14 Jul 2014 | Telephone interview w/Amanda Smith of "The Peak" Newspaper at SFU re: SFU Scientists recognized as "World's Most Influential Scientific Minds" by Thomson Reuters. . | |

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|---|---|
| | http://www.the-peak.ca/2014/07/sfu-scientists-recognized-as-worlds-most-influential-scientific-minds/ |
| 04 Jul 2014 | Mentioned by Ivan Semeniuk of The Globe & Mail re: Examining Canada's Scientific Footprint. Read this on The Globe and Mail |

**CONTRIBUTIONS TO THE TRAINING OF HIGHLY QUALIFIED PERSONNEL:**
**PhD Graduate Students: 4 current, 16 past**
**MD and PhD/MD Graduate Students: 0 current, 3 past**
**MSc Graduate Students: 3 current, 16 past**

| **Name** | **Mo/Year** | **Mo/ Year** | **Degree** | **Current Position** |
|---|---|---|---|---|
| Placide Sesonga<br>**Title**: Understanding breast cancer predisposition alleles in young Rwandan women | 01/2025 | Present | PhD, UBC (Bioinformatics) | Graduate Student |
| Junyu Li<br>**Title**: Using large language models to identify novel genomic features | 09/2024 | Present | MSc, UBC (Bioinformatics) | Graduate Student |
| Maple Lei<br>**Title**: Using genomic approaches to stratify risk of recurrence in head and neck cancer patients | 09/2024 | Present | MSc, UBC (Bioinformatics) | Graduate Student |
| Riya Saju<br>**Title:** RapidOmics 2.0 project, title TBC (Co-supervisor with Jan Friedman) | 09/2023 | Present | MSc, UBC (Bioinformatics) | Graduate Student |
| Faeze Keshavarz Rahaghi<br>**Title**: Using machine learning to identify active and druggable pathways in metastatic cancers through reference-free pathway analysis | 09/2020 | Present | PhD, UBC (Bioinformatics) | Graduate Student |
| Sarah Dada<br>**Title**: Use of Long-Read Sequencing for Variant Detection and Diagnosis of Neurodevelopmental Disorders | 09/2020 | Present | PhD, UBC (Bioinformatics) | Graduate Student |
| Caralyn Reisle<br>**Title**: Automatic Text Summarization of Genomic Findings for a Targeted Audience using Machine Learning | 09/2020 | Present | PhD, UBC (Bioinformatics) | Graduate Student |
| Andrew Galbraith<br>**Title:** Characterization of Allele-Specific 5-Methylcytosine and Quantification of 8-Oxoguanine using Nanopore Sequencing | 09/2022 | 08/2024 | MSc, UBC (Bioinformatics) | Graduate Student |
| Yerin Kim<br>**Title:** Nanopore-based native RNA sequencing of human transcriptomes reveals the complexity of mRNA modifications and crosstalk between RNA regulatory features (Co-supervisor with Ly Vu) | 01/2022 | 04/2024 | MSc, UBC (Bioinformatics) | PhD candidate, BC Cancer Research Institute |

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|---|---|---|---|---|
| Glenn Chang<br>**Title**: Allele specific expression in human cancer | 01/2022 | 12/2023 | MSc, UBC (Bioinformatics) | Research Programmer, Genome Sciences Centre |
| Zheming (Jeremy) Fan<br>**Title:** Structural Variant Calling and Resolution from Long Reads Sequencing Data | 09/2020 | 01/2024 | MSc, UBC (Bioinformatics) | Information not available |
| Tyler Kolisnik<br>**Title:** A Machine Learning Approach to Deciphering Novel Genomic and Microbial Features in Colorectal Cancer<br>(Co-supervisor with Olin Silander) | 09/2020 | 10/2022 | PhD, Massey University NZ | Bioinformatician/Consultant, Self-Employed |
| Vahid Akbari<br>**Title:** Detecting DNA Methylation Using Nanopore Sequencing: From Genome-Wide Analysis to Haplotype-Resolved and Parent-of-Origin Phasing | 07/2019 | 12/2023 | PhD, UBC (Medical Genetics) | Postdoctoral Fellow, Genome Sciences Centre |
| Michael Disyak<br>**Title**: A Hierarchical Neural Network Approach to Pan-Cancer Classification | 09/2019 | 02/2021 | MSc, UBC | Bioinformatician, Institut de Génétique Moléculaire de Montpellier, France |
| Luka Culibrk<br>**Title:** Copy number variation in metastatic cancer: methods and analysis of somatic copy number variation in advanced human cancers | 09/2017 | 03/2024 | PhD, UBC (Bioinformatics) | Bioinformatics Programmer, NYU Langone Health, New York |
| Jasleen Grewal<br>**Title:** Developing machine learning methods for using transcriptomic data to discriminate between tumour types | 08/2015 | 01/2021 | PhD, UBC | Senior Applied Scientist, NVIDIA |
| Jenny Yang<br>**Title**: Machine-learning and image analysis in general tumour identification and prediction of therapeutically informative genomic events from cancer biopsies | 05/2019 | 09/2020 | MSc, UBC (Bioinformatics) | Fusion Genomics |
| Emre Erhan<br>**Title:** An integrative machine learning approach for predicting metastatic cancer patient response to cancer therapies | 08/2018 | 08/2020 | MSc, UBC | Software Engineer, 10x Genomics |
| Harwood Kwan<br>**Title:** Investigating the non-coding mutational landscape and treatment associated mutations of treated metastatic cancers. | 05/2018 | 03/2020 | MSc, UBC | Research Programmer, Genome Sciences Centre |
| My Linh Thibodeau<br>**Title**: Whole genome and whole transcriptome genomic profiling of a metastatic eccrine porocarcinoma | 07/2016 | 10/2019 | MD, UBC | Clinical Geneticist, Hereditary Cancer Program, BC Cancer |
| Kevin Fan<br>**Title:** Tumour-immune landscape and response to checkpoint inhibitors in diverse metastatic cancers | 04/2018 | 05/2019 | MD/PhD, UBC | Medical Student, UBC |

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|---|---|---|---|---|
| Jake Lever<br>**Title:** Building and Inferring Knowledge Bases Using Biomedical Text Mining | 05/2014 | 09/2018 | PhD, UBC | Lecturer, School of Computing Science, University of Glasgow, UK |
| Eric Zhao<br>**Title:** Searching for targettable mutation signatures in human cancer | 08/2013 | 06/2018 | MD/PhD, UBC | Radiation Oncology Resident, University Health Network/University of Toronto |
| Celia Siu<br>**Title:** Characterization of the normal reference thyroid epigenome | 08/2015 | 02/2017 | MSc, UBC | Solution Architect, Visier, Inc, Vancouver |
| Santina Lin<br>**Title:** Identifying Relevant Biomedical Papers with Latent Semantic Analysis | 08/2015 | 02/2017 | MSc, UBC | Senior Software Engineer, Warner Music Group |
| Daryanaz Dargahi<br>**Title:** Development of Therapeutic Approaches to Human Breast Cancer Using Mouse Models | 09/2011 | 11/2016 | PhD, SFU | Lead Bioinformatics Scientist, Natera, Vancouver, BC |
| Shing Zhan<br>**Title:** Ultradeep population-level sequencing of mutant Caenorhaditis elegans | 09/2011 | 03/2016 | PhD, UBC | NDPH Intermediate Fellow, University of Oxford, UK |
| Katayoon Kasaian<br>**Title:** Genomics of Thyroid Cancer | 09/2009 | 09/2015 | PhD, UBC | Translational Genomics Scientist, Ontario Institute for Cancer Research |
| Anthony Fejes<br>**Title:** The development and application of algorithms for interpreting next-generation Solexa sequencing data: creation of a genome-wide breast cancer mutation map. | 10/2006 | 03/2012 | PhD, UBC | Co-Founder & CEO, HTuO Biosciences, Vancouver, BC |
| Yvonne Li<br>**Title:** Drug-target interaction maps for computational drug repositioning discovery | 01/2006 | 11/2011 | PhD, UBC | Research Scientist, Dana Farber Cancer Institute, Boston, MA |
| Denil Wickrama<br>**Title:** ChIP-seq analysis of SATB1, a metastatic chromatin remodeller | 09/2008 | 02/2011 | MSc | Unknown |
| Adam Hall<br>**Title:** Custom Hardware for Solexa/Illumina DNA Short-Read Sequence Alignment | 09/2008 | 11/2010 | MSc, UBC | Unknown |
| Elizabeth Chun<br>**Title:** Toward personalized immunotherapy: identifying tumour-specific factors that dictate the response of spontaneous mammary cancers to different T-cell therapies | 08/2007 | 08/2010 | MSc, UBC | Computational Biologist, Research Associate, Peter Park Lab, Harvard Medical School, Boston, MA |
| Heesun Shin, co-supervised w. David Baillie<br>**Title:** Transcriptome analysis for C. elegans based on expressed sequence tags (ESTs) | 09/2004 | 06/2010 | PhD, SFU | Senior Product Manager, Thermo Fisher Scientific, San Francisco, CA |

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|---|---|---|---|---|
| Ben (Binhua) Liang, co-supervised w. Frank Plummer<br>**Title**: Evolution of Human Immunodeficiency Virus Type-1 Envelope Gene | 09/2005 | 02/2010 | PhD, U of Manitoba | Assistant Professor, Max Rady College of Medicine, Biochemistry & Medical Genetics, University of Manitoba |
| Simon Chan<br>**Title:** A Bioinformatics Meta-Analysis of Differentially Expressed Genes in Colorectal Cancer | 09/2005 | 11/2007 | MSc, UBC | Assistant Bioinformatics Coordinator, Genome Sciences Centre |
| Monica Sleumer<br>**Title:** The search for novel regulatory elements in C.elegans | 09/2003 | 07/2009 | PhD, UBC | Senior Research Scientist, Roche, Shanghai, China |
| Obi Griffith<br>**Title:** Identification of gene regulatory changes involved in cancer progression by gene expression studies and bioinformatic analyses | 09/2003 | 04/2008 | PhD, UBC | Professor of Medicine, Division of Oncology; Assistant Director, McDonnell Genome Institute, Washington University School of Medicine, St. Louis, MO |
| Adrian Quayle<br>**Title:** Application of biological networks to cancer therapy | 01/2005 | 10/2006 | PhD, UBC | Unknown |
| Stephen Montgomery<br>**Title:** Computational Identification of Genetic Variation in Gene Regulatory Networks | 09/2002 | 09/2006 | PhD, UBC | Professor of Pathology; Professor of Genetics and Biomedical Data Science; Director of Genome Informatics, Department of Pathology; Stanford University, California |
| Erin Pleasance<br>**Title:** Identification & analysis of programmed cell death genes in Drisophila Melanogaster and human cancer using bioinformatic analysis of gene expression**.** | 05/2000 | 12/2005 | PhD, UBC | Staff Scientist, Genome Sciences Centre |
| Angelique Schnerch, co-supervised w. M. Marra<br>**Title:** Global gene expression profiling in human embryonic stem cells | 09/2001 | 12/2005 | MSc, UBC | Works at Arcadis (formerly IBI Group Architects), Vancouver, BC |
| Michael Thorne<br>**Title:** Transcriptional regulation & C. elegans in silico | 07/1999 | 09/2001 | MSc, UBC | Unknown |

**Post-doctoral Fellows: 2 current, 19 past**

| Area | Name | Mos/Years | Mos/Years | Current Position |
|---|---|---|---|---|
| Genomics and epigenomics, Hereditary cancer, Rare disorders | Vahid Akbari | 01/2024 | Present | Postdoctoral Fellow, Genome Sciences Centre |
| Outreach and communications highlighting the importance of creating a digital genetic library of Canada's biodiversity | Anna Bramucci | 07/2024 | 03/2025 | Postdoctoral Fellow, Genome Sciences Centre |
| Developing subtype-level cancer classifiers using multi-omics data | Jasleen Grewal | 01/2021 | 04/2022 | Senior Applied Scientist, NVIDIA |
| Defining the landscape of genetic and epigenetic variation in cancer predisposition syndromes using nanopore long-read sequencing | Katherine Dixon | 12/2020 | 09/2023 | Postdoctoral Fellow, BC Children's and Women's |
| Integrated transcriptomic technologies to improve upon RNA expression | Jean-Michel Garant | 07/2019 | 12/2020 | Bioinformatics Specialist, Canadian Centre for Computational Genomics, McGill University, Quebec |
| Oxford Nanopore Sequencing for Cancer Diagnosis | Kieran O'Neill | 10/2018 | 03/2020 | Process Development Coordinator, Genome Sciences Centre |
| Preclinical studies of small molecule modulators for KMT2D mutant lymphoma | Sreeja Leelakumari | 02/2013 | 01/2019 | Staff Scientist, Genome Sciences Centre |
| Bioinformatics | Jahanshah Ashkani | 01/2017 | 05/2019 | Data Scientist/ Bioinformatician/ Founder, ThinkNGS, USA |
| Integration of the CIViC knowledgebase into the Personalized OncoGenomics program | Cameron Grisdale | 05/2017 | 05/2019 | Staff Scientist, Genome Sciences Centre |
| Bioinformatics | Pinaki Bose | 09/2013 | 07/2015 | Assistant Professor, Departments of Oncology, Biochemistry and and Molecular Biology, University of Calgary; Director, Tumour Biology and Translational Research, Ohlson Research Initiative Arnie Charbonneau Cancer Institute,University of Calgary |

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|---|---|---|---|---|
| Bioinformatics | Yaoqing Shen | 01/2012 | 05/2014 | Staff Scientist, Genome Sciences Centre |
| Bioinformatics | Alexander Yakovenko | 09/2009 | 01/2014 | Data Solutions Developer at CONCURED Vancouver |
| Bioinformatics | Yvonne Li | 12/2011 | 08/2013 | Research Scientist, Dana Farber Cancer Institute, Boston, MA |
| Bioinformatics | Cydney Nielsen | 09/2008 | 06/2013 | Data Visualization Designer and Data Scientist, Freelance |
| Bioinformatics | Athanasios Zovoilis | 08/2011 | 07/2012 | Associate Professor of Bioinformatics; University of Manitoba; Senior Scientist and Director of Bioinformatics Platform, Paul Albrechtsen Research Institute, CCMB; Academic Lead, BioNet; Co-Director, Statistical Genomics and Bioinformatics Core Platform, University of Manitoba |
| Bioinformatics | Obi Griffith | 04/2008 | 03/2010 | Professor of Medicine, Division of Oncology; Assistant Director, McDonnell Genome Institute, Washington University School of Medicine, St. Louis, MO |
| Bioinformatics | Nawar Malhis | 09/2007 | 03/2009 | Research Associate, Michael Smith Laboratories, University of British Columbia |
| Bioinformatics | Peter Ruzanov | 11/2001 | 11/2006 | Scientific Associate, Ontario Institute for Cancer Research |
| Bioinformatics | Erin Pleasance | 01/2006 | 04/2006 | Staff Scientist, Genome Sciences Centre |

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|---|---|---|---|---|
| Pathogenomics | Artem Cherkasov | 04/2001 | 01/2003 | Canada Research Chair in Drug Discovery; Professor, Faculty of Medicine, University of British Columbia; Head of Therapeutic Development, Vancouver Prostate Cancer |
| Bioinformatics | Hans Greberg | 03/2000 | 12/2000 | Informatics Scientist, AstraZeneca, Sweden |

**Computational Biologists: 0 Current Computational Biologist**

| Area | Name | Mos/Years | Mos/Years |
|---|---|---|---|
| Bioinformatics - CP | Sitanshu Gakkhar | 09/2012 | 10/2022 |

**Research Programmers: 0 current, 6 past**

| Area | Name | Mos/Years | Mos/Years |
|---|---|---|---|
| Bioinformatics /Jones Lab – RP | Javier Castillo-Arnemann | 02/2022 | 05/2022 |
| Bioinformatics /Jones Lab - RP | Courtney Gosselin | 05/2021 | 01/2022 |
| Bioinformatics /Jones Lab - RP | Jimmy Li | 05/2018 | 05/2022 |
| Bioinformatics /Jones Lab - DO | Amir Muhammadzadeh | 11/2018 | 12/2019 |
| Bioinformatics /Jones Lab - RP | Adam Lipski | 04/2018 | 10/2019 |
| Bioinformatics /Jones Lab - RP | Neelam Memon | 01/2017 | 01/2018 |

**Team Lead, Purchasing: 0**
**Head, Knowledge Translation: 0**
**Systems Manager/ Research Projects Manager: 1**

| Area | Name | Mos/Years | Mos/Years |
|---|---|---|---|
| Team Lead, Purchasing | George Yang | 01/2022 | 07/2022 |
| Head, Knowledge Translation | Kevin Sauve | 01/2022 | 06/2022 |
| Systems Manager/ Research Projects Manager | Brendan O'Huiginn | 2021 | Present |

**Research Associates: 1 current; 15 past**

| Area | Name | Mos/Years | Mos/Years |
|---|---|---|---|
| Bioinformatics | David Mulder | 11/2023 | Present |
| Bioinformatics | Solenne Correard | 10/2022 | 12/2023 |
| Bioinformatics | Samantha Jones | 08/2021 | 08/2022 |
| Bioinformatics /Clinical Informatics | Chandra Lebovitz | 05/2021 | 09/2022 |
| Bioinformatics | Rohan Abraham | 04/2021 | 05/2023 |
| Bioinformatics | Jean-Michel Garant | 12/2020 | 10/2022 |
| Bioinformatics / Clinical Informatics | Cameron Grisdale | 05/2019 | 12/2019 |
| Bioinformatics /Clinical Informatics | Jahanshah Ashkani | 05/2019 | 09/2021 |
| Bioinformatics /Clinical Informatics | Sreeja Leelakumari | 01/2019 | 01/2022 |
| Bioinformatics /Clinical Informatics | Zoltan Bozoky | 09/2017 | 05/2020 |
| Bioinformatics /Clinical Informatics | Yvonne (Yuk Yin) Lai | 01/2016 | 01/2017 |
| Bioinformatics /Clinical Informatics | Martin Jones | 05/2014 | 07/2016 |
| Bioinformatics /Clinical Informatics | Yaoqing Shen | 05/2014 | 07/2016 |
| Bioinformatics /Clinical Informatics | Erin Pleasance | 02/2010 | 07/2016 |
| Bioinformatics /Clinical Informatics | Alexander Yakovenko | 01/2014 | 12/2015 |

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|---|---|---|---|
| Bioinformatics /Clinical Informatics | Brad Davis | 11/2012 | 03/2015 |

**Staff Scientists: 8 current, 7 past**

| Area | Name | Mos/Years | Mos/Years |
|---|---|---|---|
| Bioinformatics | Samantha Jones | 08/2022 | Present |
| Bioinformatics | Kieran O'Neill | 05/2020 | Present |
| Sequencing (Group Leader) | Richard Moore | 2019 | Present |
| Bioinformatic Databases (Group Leader) | Eric Chuah | 2018 | Present |
| Bioinformatic Analysis (Group Leader) | Karen Mungall | 2018 | Present |
| Group Leader-Clinical Genetics | Yaoqing Shen | 07/2016 | Present |
| Bioinformatics /Clinical Informatics | Erin Pleasance | 07/2016 | Present |
| Bioinformatics | Jianghong An | 06/2005 | Present |
| Bioinformatics /Clinical Informatics | Sreeja Leelakumari | 01/2022 | 04/2025 |
| Bioinformatics /Clinical Informatics | Laura Williamson | 04/2018 | 05/2023 |
| Bioinformatics | Misha Bilensky | 03/2005 | 03/2024 |
| Bioinformatics | Gordon Robertson | 10/2002 | 11/2021 |
| Bioinformatics | Yussanne Ma | 01/2013 | 06/2018 |
| Bioinformatics /Clinical Informatics | Martin Jones | 07/2016 | 04/2018 |
| Bioinformatics | Inanc Birol | 01/2008 | 01/2013 |

**Mentor for CIHR Bioinformatic Training Program Students**

| Name | Mo/Year | MosYear | Degree | Supervisor |
|---|---|---|---|---|
| Rashedul Islam | 09/2014 | 11/2021 | PhD | Martin Hirst |
| Shaun Jackman | 09/2012 | 06/2019 | PhD | Inanc Birol, GSC |
| Tyler Funnell | 09/2014 | 08/2018 | PhD | Sohrab Shah, BCCRC |
| Raunak Shrestha | 09/2011 | 07/2018 | PhD | Colin Collins, Prostate Centre, VGH |
| Rodrigo Goya | 09/2009 | 11/2017 | PhD | Marco Marra |
| Michael Gottlieb | 09/2014 | 12/2016 | MSc | Aly Karsan, GSC |
| Bhav Khaira | 09/2009 | 09/2016 | PhD | Fiona Brinkman, SFU |
| Dean Attali | 09/2013 | 04/2016 | MSc | Jenny Bryan, UBC |
| Michael Peabody | 09/2010 | 04/2016 | PhD | Fiona Brinkman, MBB, SFU |
| Casper Shyr | 09/2010 | 04/2016 | PhD | Wyeth Wasserman, CMMT, UBC |
| Emilia Lim | 09/2010 | 03/2016 | PhD | Marco Marra, GSC, BCCA |
| Sohrab Saheli | 09/2013 | 12/2015 | MSc | Sohrab Shah & Alex Bouchard, BCCRC & UBC |
| Andrew Roth | 09/2009 | 11/2015 | PhD | Sohrab Shah, BCCA |
| Andrew McPherson | 09/2009 | 07/2015 | PhD | David Huntsman |
| Calvin Lefebvre | 09/2011 | 05/2015 | MSc | Sohrab Shah, BCCRC, BCCA |
| Sarah Perez | 09/2012 | 05/2015 | MSc | Steve Hallam, UBC |
| Tyler Funnel | 09/2011 | 12/2014 | MSc | Sohrab Shah, BCCRC, BCCA |
| Gavin Ha | 09/2009 | 06/2014 | PhD | Sam Aparicio |
| Ian Wood | 09/2011 | 06/2014 | MSc | Irmtraud Meyer, CS, UBC |
| Jake Lever | 09/2012 | 05/2014 | MSc | Steven Jones, GSC |
| Carolyn Ch'ng | 09/2011 | 08/2013 | MSc | Paul Pavlidis, CHiBi |
| Peichen Xin | 09/2010 | 04/2013 | MSc | Robert Hancock, UBC |
| Luisa Chan | 09/2010 | 01/2013 | MSc | Fiona Brinkman – MBB, SFU |
| Patrick Tan | 09/2010 | 11/2012 | MSc | Paul Pavlidis, CHiBi, UBC |
| Nima Aghaeepour | 09/2009 | 11/2012 | PhD | Ryan Brinkman |
| Raymond Lim | 09/2009 | 08/2011 | MSc | Paul Pavlidis |
| Mark Okada | 09/2009 | 02/2011 | MSc | Martin Ester, SFU |

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|---|---|---|---|---|
| Bora Uyar | 09/2009 | 12/2010 | MSc | Cenk Sahinalp, SFU |
| Kendric Wang | 09/2009 | 03/2012 | MSc | Colin Collins, Prostate Centre, UBC & Cenk Sahinalp, CS, SFU |
| Fong Chan | 09/2009 | 12/2011 | MSc | Randy Gascoyne, BCCA |
| AnaMaria Crisan | 09/2009 | 09/2010 | MSc | Sam Aparicio |

**Other Student Involvement**

| Status | Name | Mos/Years | Mos/Years | Degree | University |
|---|---|---|---|---|---|
| Rotation Student | Christopher Teng | 01/2025 | Present | PhD | UBC |
| Co-op Student | Natasha Poon | 01/2025 | 04/2025 | BSc | UofW |
| Co-op Student | Garv Arora | 05/2024 | 08/2024 | BSc | UofW |
| Co-op Student | Jeet Chapani | 05/2024 | 12/2024 | BSc | UVic |
| Rotation Student | Ruby Liao | 11/2023 | 12/2023 | MSc | UBC |
| Student Volunteer | Andy Hsu | 10/2023 | Present | MD | UBC |
| Internship | Mahima Sanyal | 07/2022 | 08/2022 | PhD | Ohio University |
| Student Volunteer | Daniel Shirvani | 11/2021 | 12/2021 | BSc | UBC |
| GSAT Rotation | Glenn Chang | 10/2021 | 11/2021 | MSc | UBC |
| Student Volunteer | Kevin An | 05/2021 | 07/2021 | BSc | UBC |
| Student Volunteer | Jenny Yang | 01/2019 | 05/2019 | B.A.Sc | UBC |
| Honours Thesis | Tariq Vira | 09/2018 | 04/2019 | BSc | UBC |
| Directed Studies | Reva Shenwai | 09/2018 | 12/2018 | BSc | UBC |
| Co-op Student | Samantha Feng | 04/2018 | 08/2018 | BSc | BCIT |
| Go Global Internship Student | Mihir Jain | 05/2018 | 07/2018 | B.Tech | UBC |
| Directed Studies | Jenny Yang | 09/2017 | 05/2018 | B.A.Sc | UBC |
| Co-op Student | Keyu Zhuang | 09/2017 | 04/2018 | BSc | UVic |
| Co-op Student | Andrew Ponomarov | 09/2017 | 12/2017 | Associate in Science | Langara College |
| GSAT Rotation | Zheng Dong | 09/2017 | 10/2017 | MSc | UBC |
| Summer Student | Hillary Pearson | 05/2017 | 07/2017 | BSc | UBC |
| Co-op Student | Jenny Yang | 05/2017 | 09/2017 | B.A.Sc | UBC |
| Co-op Student | Yin (Ian) Peng | 01/2017 | 08/2017 | BSc | UVIC |
| Summer Student | Jenny Yang | 07/2016 | 08/2016 | BSc | UBC |
| Co-op Student | Emily Kamma | 05/2016 | 12/2016 | BSc | BCIT |
| Co-op Student | Evan Ben-Oliel | 05/2015 | 12/2015 | BSc | UVic |
| Co-op Student | Fan (Helena) Xu | 01/2015 | 04/2015 | BSc | UBC |
| Co-op Student | Chon-Wai (Jeremy) Chan | 09/2014 | 04/2015 | BSc | UBC |
| Co-op Student | Boyang (Tom) Jin | 09/2014 | 12/2014 | BSc | UBC |
| Co-op Student | Tara Rashnavadi | 05/2014 | 12/2014 | MSc | UBC |
| Honors Thesis Student | Alice Liang | 09/2013 | 08/2014 | MSc | UBC |
| Co-op Student | Jenny Phan | 01/2014 | 08/2014 | BSc | UVic |
| Co-op Student | Patrick Hopkins | 04/2013 | 12/2013 | BSc | UBC |
| Co-op Student | Maia Smith | 09/2013 | 12/2013 | BSc | SFU |
| Co-op Student | Patrick Hopkins | 04/2013 | 12/2013 | BSc | UBC |
| Student Researcher | Hamid Younesy | 02/2013 | 12/2013 | PhD | SFU |
| Co-op Student | Jasleen Grewal | 01/2013 | 08/2013 | BSc | UBC |
| Co-op Student | Albert Badiong | 09/2012 | 04/2013 | BSc | SFU |
| Student Researcher | Pierre Cheung | 05/2011 | 06/2012 | BSc | UBC |
| Student Researcher | Lisa Miao | 01/2011 | 04/2011 | BSc | UBC |
| Directed Studies | Adam McLeod | 05/2009 | 09/2009 | BSc | SFU |

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|---|---|---|---|---|---|
| Co-op Student | Yu Liu | 02/2008 | 05/2008 | BSc | |
| Directed Studies Student | Lydia Xu | 01/2008 | 05/2008 | BSc | UBC |
| Co-op Student | Katayoon Kasaian | 09/2007 | 12/2007 | BSc | UBC |
| Co-op Student | Bridget Bernier | 01/2007 | 08/2007 | BSc | |
| Co-op Student | Bryan Chu | 05/2006 | 08/2006 | BSc | |
| Co-op Student | Yuliya Prychyna | 09/2005 | 12/2005 | BSc | |
| Co-op Student | Xin (Maggie) Zhang | 01/2005 | 12/2005 | BSc | |
| Co-op Student | Elbert Chang | 05/2004 | 01/2005 | BSc | |
| Co-op Student | Yan Jia Pan | 09/2004 | 12/2004 | BSc | |
| Co-op Student | Wen Jia Pan | 05/2004 | 08/2004 | BSc | |
| Co-op Student | Jun Guan | 05/2004 | 08/2004 | BSc | |
| Co-op Student | William Chow | 01/2004 | 04/2004 | BSc | |
| CIHR Rotation Student | Debra Fulton | 01/2004 | 04/2004 | MSc | UBC |
| Co-op Student | Wendy Yuen | 05/2004 | 08/2004 | BSc | |
| Co-op Student | Eddy Tsang | 05/2004 | 08/2004 | BSc | |
| Co-op Student | Yvonne Li | 01/2004 | 08/2004 | BSc | UBC |
| Directed Studies | Adrian Quayle | 10/2003 | 12/2004 | NA | UBC |
| Co-op Student | James Kennedy | 09/2003 | 04/2004 | BSc | |
| Co-op Student | Jeremy Ung | 09/2003 | 12/2003 | BSc | |
| Co-op Student | Eddy Tsang | 09/2003 | 12/2003 | BSc | |
| CIHR Rotation Student | Byron Kuo | 09/2003 | 12/2003 | MSc | UBC |
| CIHR Rotation Student | Keith Boroevich | 05/2003 | 08/2003 | MSc | UBC |
| Co-op Student | Aliya Hasham | 05/2003 | 08/2003 | BSc | |
| Co-op Student | Wendy Yuen | 05/2002 | 09/2002 | BSc | |
| Co-op Student | Dean Cheng | 01/2002 | 05/2002 | BSc | |
| Co-op Student | Michael Mao | 09/2001 | 12/2001 | BSc | |
| Directed Studies | Peter Lypkie | 05/2001 | 08/2001 | BSc | |
| Co-op Student | Christopher Liew | 04/2001 | 12/2001 | BSc | |
| Co-op Student | Heather Mosbrucker | 01/2001 | 04/2001 | BSc | |
| Co-op Student | Ivan Wan | 01/2000 | 08/2000 | BSc | |
| Co-op Student | Edward Dere | 08/2000 | 12/2000 | BSc | |
| Co-op Student | Thomas Fogg | 04/1999 | 07/1999 | BSc | |
| Co-op Student | David Tsang | 01/1999 | 04/1999 | BSc | |

## STUDENT ADVISORY COMMITTEE INVOLVEMENT:

| Date | End | Student | Supervisor | Program |
|---|---|---|---|---|
| 01/2025 | Present | Sijie (Cat) Zhang | Peter Stirling | MSc, Medical Genetics Program, UBC |
| 06/2024 | Present | Yi Jou (Ruby) Liao | Alexander Wyatt | PhD, Genome Science & Technology Program, UBC |
| 05/2023 | Present | Anthony Oppedisano | Philip Hieter | PhD, Medical Genetics Program, UBC |
| 04/2023 | Present | Lilian Cordova | Kasmintan Schrader | MSc, Medical Genetics Program, UBC |
| 07/2022 | Present | Cathy Yan | Marco Marra | PhD, Genome Science & Technology Program, UBC |
| 07/2022 | Present | Shanwei (David) Tong | William Hsiao / Xiaonan Lu | MSc, Bioinformatics Program, UBC |
| 06/2022 | Present | Signe MacLennan | Marco Marra | PhD, Medical Genetics Program, UBC |
| 12/2021 | Present | Andrew Sherrard | Jan Friedman | PhD, Genome Science & Technology Program, UBC |
| 07/2021 | 04/2023 | Ivan Gill | William Hsiao | MSc, Bioinformatics Program, UBC |

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|---|---|---|---|---|
| 06/2021 | 11/2023 | Kyle Jenkins | Inanc Birol / Jan Friedman | MSc, Medical Genetics Program, UBC |
| 06/2021 | 04/2023 | Pouya Ahmadvand | Ali Bashashati | MSc, Bioinformatics Program, UBC |
| 03/2020 | 2021 | Jordan Sicherman | Paul Pavlidis | MSc, Bioinformatics Program, UBC |
| 02/2020 | 2021 | Nicole Zhang | Wyett Wasserman / Sara Mostafavi | MSc, Bioinformatics Program UBC |
| 01/2019 | 03/2024 | Yuka Takemon | Marco Marra | PhD, Genome Science & Technology Program |
| 2019 | 2020 | Figali Taho | Inanc Birol | MSc, Bioinformatics Program, UBC |
| 2019 | Present | Justin White | Peter Stirling | PhD, Medical Genetics Program, UBC |
| 2018 | 2022 | Venus Lau | Fiona Brinkman | PhD, Molecular Biology & Biochemistry, SFU |
| 2018 | 2022 | Kristina Gagalova | Inanc Birol | PhD, Bioinformatics Program, UBC |
| 2015 | 2023 | Prasath Pararajalingam | Ryan Morin | PhD, Molecular Biology & Biochemistry, SFU |
| 2015 | 2017 | Emma Hitchcock | Bill Gibson | MSc, Medical Genetics Program, UBC |
| 2015 | 2021 | Veronique LeBlanc | Marco Marra | MSc, Genome Science & Technology Program |
| 2012 | 2020 | Elizabeth Chun | Marco Marra | PhD, Bioinformatics Program |
| 2018 | 2018 | Annie Cavalla | Marco Marra | MSc, Bioinformatics Program, UBC |
| 2009 | 2017 | Rodrigo Goya | Marco Marra/ Imtraud Meyer | PhD, Bioinformatics Program |
| 2015 | 04/2017 | Alborz Maxloomian | Sohrab Shah | PhD, Bioinformatics Program, UBC |
| 2012 | 01/2017 | Ana Cohen | Bill Gibson | PhD, Medical Genetics Program, UBC |
| 2011 | 03/2016 | Daniel Lai | Imtraud Meyer | PhD, Bioinformatics Program |
| 2013 | 11/2015 | Andrew Roth | Sohrab Shah | PhD, Bioinformatics Program, UBC |
| 2014 | 08/2015 | Emily Hindalong | Sohrab Shah | MSc, Bioinformatics Program, UBC |
| 2012 | 05/2015 | Annie Tam | Ann Rose | MSc, Medical Genetics Program, UBC |
| 2010 | 09/2014 | Mauro Castellarin | Rob Holt | PhD, Molecular Biology & Biochemistry |
| 2009 | 12/2013 | Lorraine Brown (Yu) | Fiona Brinkman | MSc, Molecular Biology & Biochemistry |
| 2011 | 09/2012 | Xin Ren | Art Cherkasov | MSc, Experimental Medicine |
| 2008 | 2012 | Alex Chang | Aly Karsan | PhD, Experimental Medicine |
| 2005 | 2012 | Warren Cheung | Wyeth Wasserman | MSc, Genetics Program |
| 2009 | 2011 | Raymond Lim | Paul Pavlidis | MSc, Bioinformatics Program |
| 2008 | 2011 | Ryan Morin | Marco Marra | PhD, Bioinformatics Program |
| 2002 | N/A | Christopher Walsh | Frederic Pio | MSc, Molecular Biology & Biochemistry |
| 2005 | 2010 | Malachi Griffith | Marco Marra | PhD, Medical Genetics |
| 2004 | 2010 | Sorana Morrissy | Marco Marra | PhD, Medical Genetics |
| 2003 | 2010 | Carri-Lyn Mead | Rob Holt/Gregg Morin | PhD, Medical Genetics |
| 2008 | 2009 | Tang Lee | Randy Gascoyne | MSc, Bioinformatics Program |
| 2008 | 2009 | Kaida Ning | Raphael Gottardo | MSc, Bioinformatics Program |
| 2003 | 2009 | James Taylor | Philip Hieter | PhD, Genetics Program |
| 2004 | 2008 | Chris Fjell | Artem Cherkasov | PhD, Experimental Medicine |
| 2003 | 2008 | Gang Wang | Marianne Sadar | MSc, Pathology & Laboratory Medicine |

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|---|---|---|---|---|
| 2002 | 2008 | Shannan Ho Sui | David Baillie | MSc, Molecular Biology & Biochemistry |
| 2001 | 2008 | Ian Bosdet | Marco Marra | PhD, Medical Genetics |
| 2002 | 2007 | Maja Tarailo | Ann Rose | PhD, Medical Genetics |
| 2001 | 2006 | Steven Quayle | Marianne Sadar | PhD, Pathology and Laboratory Medicine |
| 2001 | 2006 | Kristen Tangen | Jim Kronstad | PhD, Microbiology and Immunology |
| 2001 | 2006 | Louie van der Lagemaat | Dixie Mager | PhD, Genetics Program |
| 2005 | 2005 | Michael Hsing | Artem Cherkasov | MSc, Genetics Program |
| 2002 | 2005 | Keith Boroevich | David Baillie | MSc, Molecular Biology & Biochemistry |
| 2002 | 2005 | Byron Kuo | Elizabeth Simpson | MSc, Genetics Program |
| 2001 | 2005 | Natalie Blaszczyk | Marianne Sadar | PhD, Pathology and Laboratory Medicine |
| 2001 | 2005 | Iris Cheung | Peter Lansdorp | PhD, Medical Genetics |
| 2002 | 2004 | Fred Peng | David Baillie | MSc, Molecular Biology & Biochemistry |
| 2002 | 2004 | Perseus Missirlis | Philip Hieter | MSc, Genetics Program |
| 2002 | 2003 | Andrew Kwon | Holger Hoos / Raymond Ng | MSc, Computer Science |
| 2002 | 2003 | Elaine Chan | Frederic Pio | MSc, Molecular Biology & Biochemistry |
| 2001 | 2003 | Bernard Lee | Jan Friedman | MSc, Medical Genetics |
| 2001 | 2002 | Nancy Price | Ann Rose | MSc, Genetics Program |

**EXAMINER FOR PHD/MSC THESES:**

| Date | Student | Program | University |
|---|---|---|---|
| 03/2025 | Lilian Cordova | PhD, Medical Genetics | University of British Columbia **(Comprehensive Exam University Examiner)** |
| 03/2025 | Sarah Dada | PhD, Bioinformatics | University of British Columbia (**Supervisor**) |
| 03/2025 | Brooks-Perkins-Jechow | MSc, Bioinformatics | University of British Columbia (**Chair**) |
| 02/2025 | Ali Mirabadi | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam University Examiner)** |
| 02/2025 | Yana Moscovitz | MSc, Pathology and Laboratory Medicine | University of British Columbia (**Chair**) |
| 09/2024 | Ecaterina Cozma | PhD, Interdisciplinary Oncology Program | University of British Columbia (**University Examiner)** |
| 08/2024 | Neera Patadia | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 09/2023 | Vallijah Subasri | PhD, Medical Biophysics | University of Toronto **(External Examiner)** |
| 06/2022 | Burak Ogan Mancarci | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 03/2022 | Elizabeth Stephens | PhD, Medical Genetics | University of British Columbia **(University Examiner)** |
| 09/2021 | Mona Siu | PhD, Medical Genetics | University of British Columbia **(Comprehensive Exam Chair)** |
| 07/2021 | Romulo Segovia | PhD, Botany | University of British Columbia **(Non-Supervisory Committee Examiner)** |
| 05/2021 | Nicole Knoetze | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 08/2020 | Michale Vermeulen | MSc, Medical Genetics | University of British Columbia **(University Examiner)** |

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|---|---|---|---|
| 08/2020 | Alexander Morin | PhD , Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 10/2019 | Allison Tai | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 11/2017 | Chen Yang | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 10/2017 | Rachelle Farkas | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 09/2017 | Rashedul Islam | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 08/2017 | Shams Bhuiyan | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 05/2017 | Hamid Mohamadi | PhD, Bioinformatics | University of British Columbia **(University Examiner)** |
| 04/2017 | Erdi Kucuk | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 03/2017 | Beryl Zhuang | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 01/2017 | Allen Zhang | MD/PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam University Examiner)** |
| 12/2016 | Mike Gottlieb | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 08/2016 | Maia Smith | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 05/2016 | Jiarui Ding | PhD, Computer Sciences | University of British Columbia **(University Examiner)** |
| 04/2016 | Nik Fortelny | PhD. Biochemistry & Molecular Biology | University of British Columbia **(University Examiner)** |
| 04/2016 | Jessica Pilsworth | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 03/2016 | Lauren Chong | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 10/2015 | Raunak Shrestha | PhD, Bioinformatics | University of British Columbia **(Chair)** |
| 08/2015 | Jing Yun Alice Zhu | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 07/2015 | Shaun Jackman | PhD, Bioinformatics | University of British Columbia **(Qualifying Exam Chair)** |
| 06/2015 | Varune Rohan Ramnarine | PhD, Bioinformatics | University of British Columbia **(Qualifying Exam Chair)** |
| 05/2015 | Sarah Perez | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 04/2015 | Fong Chun Chan | PhD, Bioinformatics | University of British Columbia **(Qulifying Exam Chair)** |
| 04/2015 | Ryan Huff | MSc. Bioinformatics | University of British Columbi **(Chair)** |
| 04/2015 | Javad Safaei | PhD, Computer Science | University of British Columbia |
| 12/2014 | Tyler Funnell | MSc, Bioinformatics | University of British Columbi **(Chair)** |
| 11/2014 | Raewyn Billings | MSc, Medical Genetics | University of British Columbia **(University Examiner)** |
| 10/2014 | Pier-Luc Clermont | PhD, Interdiciplinary Oncology Program | Univeristy of British Columbia **(Comprehensive Exam Committee)** |
| 06/2014 | Marjan Farahbod | PhD, Bioinformatics | University of British Columbia **(Chair)** |
| 11/2013 | Niels Hanson | PhD, Bioinformatics | University of British Columbia **(Qualifying Exam Chair)** |
| 08/2013 | Carolyn Ch'ng | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 05/2013 | Huifang Li | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 04/2013 | Evan Gatev | PhD, Bioinformatics | University of British Columbia **(Qualifying Exam Chair)** |
| 03/2013 | Emilia Lim | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 11/2012 | Patrick Tang | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 09/2012 | Jeff Proctor | MSc, Bioinformatics | University of British Columbia **(Chair)** |

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|---|---|---|---|
| 06/2012 | Melanie Courtot | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 03/2012 | Kendric Wang | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 12/2011 | Gerben Duns | PhD | University of Groningen |
| 02/2011 | Ben VanderValk | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 02/2011 | Jeff Chu | PhD, Molecular Biology and Biochemistry | Simon Fraser University |
| 12/2010 | Kieran O'Niell | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 09/2010 | Varun Ramraj | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 09/2010 | Anamaria Crisan | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 09/2010 | Paul Krzyzanowski | PhD, Cellular and Molecular Medicine | University of Ottawa **(External Examiner)** |
| 08/2010 | Soroush Samadien | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 02/2010 | Adrian Cortes | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 12/2009 | Vaneet Lotay | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 08/2009 | Daniel Horspool | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 07/2009 | Samuel Chang | PhD | University of British Columbia |
| 12/2008 | Leon French | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 08/2008 | Xiaohoui Chen | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 06/2008 | Michael Hsing | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 10/2007 | Ryan Morin | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 09/2007 | Siddhartha Srivastava | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 07/2007 | William Hsiao | PhD, Molecular Biology and Biochemistry | Simon Fraser University |
| 04/2007 | Jessica Lee | MSc, Bioinformatics | University of British Columbia **(Chair)** |
| 09/2006 | Sanja Rogic | PhD, Computer Science | University of British Columbia |
| 12/2005 | Ben Good | PhD, Bioinformatics | University of British Columbia **(Comprehensive Exam Chair)** |
| 02/2002 | Junaid Gamieldien | PhD, Bioinformatics | SANBI, University of the Western Cape **(External Examiner)** |

**TRAINEE AWARDS, SCHOLARSHIPS & FELLOWSHIPS:**

| **Trainee** | **Award Name** | **Awarding Agency** | **$ Amount** | **Year (s)** |
|---|---|---|---|---|
| Vahid Akbari | BCCRI Rising Stars Oral Presentation, BC Cancer Summit 2024 | BC Cancer | $100 | 2024 |
| Caralyn Reisle | MOHCCN Health Informatics & Data Science Award | Terry Fox Research Institute | $25,000 | 2024-2025 |
| Vahid Akbari | 2023-2024 Rising Stars Post-doctoral Fellowship Award | BC Cancer | $60,000 | 2024 |
| Vahid Akbari | Lloyd Skarsgard 2023 Research Excellence Prize - 2nd Place (CGS M) | BC Cancer Foundation | $750 | 2023 |
| Vahid Akbari | 2022 Outstanding Trainee | BC Cancer | $1,000 | 2023 |

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| | Publications Award | | | |
| Vahid Akbari | Patricia Baird Prize | University of British Columbia | $2,150 | 2023 |
| Vahid Akbari | CEEHRC 9th Annual Canadian Conference on Epigenetics Travel Award | CEEHRC | $1,500 | 2023 |
| Faeze Keshavarz-Rahaghi | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $1,500 | 2023 |
| Andrew Galbraith | Canada Graduate Scholarship-Master's (CGS M) | Canadian Institutes of Health Research | $17,500 | 2023-2024 |
| Faeze Keshavarz-Rahaghi | Canada graduate scholarship - doctoral award | Canadian Institutes of Health Research | $105,000 | 2022-2025 |
| Caralyn Reisle | Canada graduate scholarship - doctoral award | Canadian Institutes of Health Research | $105,000 | 2022-2025 |
| Sarah Dada | BC Cancer Rising Stars Award | BC Cancer Foundation | $50,000 | 2022-2024 |
| Caralyn Reisle | Killam Doctoral Scholarship | University of British Columbia | $4,000 | 2022-2024 |
| Luka Culibrk | Medical Genetics Doctoral Fellowship | University of British Columbia | $36,400 | 2022-2024 |
| Katherine Dixon | Research Trainee Award | Michael Smith Foundation for Health Research | $103,125 | 2021 - 2023 |
| Caralyn Reisle | Cordula and Gunter Paetzold Fellowship | University of British Columbia | $12,000 | 2021 - 2022 |
| Vahid Akbari | John Bosdet Memorial Fund | BC Cancer | $500 | 2021 |
| Faeze Keshavarz-Rahaghi | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $215 USD | 2021 |
| Caralyn Reisle | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $185 USD | 2021 |
| Caralyn Reisle | Post Secondary Scholarship | Invermere Health Auxiliary Society | $1500 | 2020 |
| Faeze Keshavarz-Rahaghi | Four Year Doctoral Fellowship (Y4F) | University of British Columbia | $72,800 | 2020 - 2024 |
| Vahid Akbari | Four Year Doctoral Fellowship (Y4F) | University of British Columbia | $18,200 per year plus tuition | 2020 - 2023 |
| Vahid Akbari | President's Academic Excellence Initiative PhD Award | University of British Columbia | $1,500 per year | 2020 - 2023 |
| Vahid Akbari | International Tuition Awards | University of British Columbia | $3,200 per year | 2019 - 2023 |
| Luka Culibrk | Canada graduate scholarship " Genome-wide discovery and analysis of copy number variation in metastatic cancer" | CIHR Doctoral Award | $105,000 | 2019 - 2022 |

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| Vahid Akbari | Medical Genetics Rotation Program Award | University of British Columbia | $26,000 | 2019 |
| Jasleen Grewal | Travel Award to ISMB/ECCB “Bayesian modelling as an unsupervised approach to infer biological patterns in cancers and normal tissues” | ISCB Travel Fellowship Award | $1200 USD | 2019 |
| Jasleen Grewal | Travel Award to ISMB/ECCB “Bayesian modelling as an unsupervised approach to infer biological patterns in cancers and normal tissues” | CIHR ICS Travel Award | $1500 | 2019 |
| Jasleen Grewal | Women's early career accelerator award, GPU Technology Conference 2019 | Nvidia | $1200 USD | 2019 |
| Eric Zhao | Canadian Medical Hall of Fame (CMHF) Award | Canadian Medical Hall of Fame | $5000 | 2018 |
| Jahanshah Ashkani | Travel Award to Summit for Cancer Immunotherapy (Summit4CI) | BioCanRx | $1100 | 2018 |
| Jasleen Grewal | Travel Award to American Society of Human Genetics (ASHG) | Canadian Cancer Society Research Institute | $1750 | 2018 |
| Jasleen Grewal | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $1250 | 2018 |
| Luka Culibrk | Genome BC Genomics Forum "Research Exchange 2018". | Genome BC | 1st Place Poster Prize $500 | 2018 |
| Eric Zhao | Travel Award to American Society of Clinical Oncology (ASCO) | Canadian Cancer Society Research Institute | $1070 | 2018 |
| Eric Zhao | Lloyd Skarsgard Award 1st place (tied) | BC Cancer Foundation | $1000 | 2018 |
| Jake Lever | Translation Cancer Genomics Trainee Collaboration and Travel Award | University of British Columbia | $860 | 2018 |
| Harwood Kwan | Canada graduate scholarship “Biochemical Analysis of Mutant Alpha1 Antitrypsin in Family with History of Intracranial Aneurysm” | CIHR Master’s Award | $17,500 | 2018 - 2019 |
| Jasleen Grewal | Translation Cancer Genomics Trainee Collaboration and Travel Award | University of British Columbia | $2,500 | 2017 |
| Jasleen Grewal | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $1,000 | 2017 |

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| Eric Zhao | Young Investigator Forum | Canadian Society for Clinical Investigation and the Clinician Investigator Trainee Association of Canada | $50 Poster Prize | 2017 |
| Kieran O'Neill | Fellowship Program "Determining the Mechanis of Myelodysplastic Syndrome Progression and Resistance to Azacytidine Therapy using Single-cell DNA Methylation Sequencing" | CIHR Doctoral Award | $135,000 | 2017 - 2020 |
| My Linh Thibodeau | Clinical Investigator Fellowship Award | Royal College of Physicians and Surgeons Canada. | $142,000 | 2017 - 2019 |
| Jake Lever | Bioinformatics (BIG) Research Retreat "A fast and easy to use framework for automatic biological knowledge base construction" | University of British Columbia | 3rd Place Poster Prize | 2017 |
| Jake Lever | Genome BC 13th Annual Genomics Forum 2017 "A fast and easy to use framework for automatic biological knowledge base construction" | Genome British Columbia | 2nd Place Poster Prize | 2017 |
| Jake Lever | BC Cancer Agency Research Day 2017 "A fast and easy to use framework for automatic biological knowledge base construction" | BC Cancer Agency | 1st Place Poster Prize | 2017 |
| Jenny Yang | Nature Physics Poster Competition " Identifying Functional Clusters of Genes from Energy Landscapes in Autoencoders for Personalized Therapy in Medicine " | International Conference of Physics Students, Turin, Italy | Best Poster Contribution Award - 3rd Place and travel bursary of €220 | 2017 |
| Celia Siu | Outstanding Presentation Prize "Bioinforamatic characterization of the normal thyroid reference epigenome" | F1000 Research at ISMB Regulatory Genonics Special Interest Group (RegGenSIG) 2016 | Outstanding Presentation Prize | 2016 |
| Celia Siu | Travel Award to present "Bioinformatic characterization of the normal thyroid reference epigenome" | CEEHRC | $1000 | 2016 |

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| Jasleen Grewal | 5th Annual Terry Fox Node Research Day "Using machine learning to identify site of origin of metastatic tumours" | The Terry Fox Research Institute | Best Poster Prize $200 | 2016 |
| Jasleen Grewal | Four Year Doctoral Fellowship (Y4F) | University of British Columbia | $72,800 | 2015 - 2019 |
| Eric Zhao | Doctoral Research Award (Networks, signatures, and personalized medicine: a whole genome approach to cancer therapy) | CIHR Vanier Award | $150,000 | 2015 - 2018 |
| Jake Lever | Doctoral Research Award (Personalised treatment of glioblastoma using machine-learning driven network analysis of drug sensitivity data) | CIHR Vanier Award | $150,000 | 2014 - 2017 |
| Daryanaz Dargahi | Bioinformatic Identification of Optimal Targets and Therapeutic Antibody Development in Oncology | MITACS | $90,000 | 2013 - 2016 |
| Katayoon Kasaian | Doctoral Research Award (Whole Genome and Transcriptome Analysis of Thyroid Cancers) | CIHR | $105,000 | 2013 - 2016 |
| Shing Zhan | Doctoral Research Award (Identification of drivers of metastasis in Ewing sarcoma using next-generation sequencing technologies) | CIHR | $105,000 | 2013 - 2016 |
| Sreeja Leelakumari | Travel Awards - Institute Community Support | CIHR | $1000 | 2015 |
| Sreeja Leelakumari | Knowledge Fund | John Jambor | $500 | 2015 |
| Daryanaz Dargahi | Graduate Fellowship (Development of Therapeutic Approaches to Human Breast Cancer Using Mouse Models) | Simon Fraser University | $6,250 | 2013 |
| Katayoon Kasaian | Post Doctoral Travel Scholarship (12th International Symposium on Mutation in the Genome) | John Bosdet Memorial Fund | $2,601 | 2013 |
| Cydney Nielsen | Postdoctoral Fellowship Research award | MSFHR | $27,333 | 2011 -2013 |
| Shing Zhan | Univeristy Graduate Fellowship (Genome-wide identification of essential genes in Caenorhabditis elegans in a single whole | University of British Columbia | $87,900 | 2011 - 2015 |

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| | genome sequencing experiment) | | | |
| Athanasios Zovoilis | Post Doctoral Fellowship | EMBO | $51,701 | 2011 - 2012 |
| Cydney Nielsen | Fellowship Trainee Award | CIHR | $135,000 | 2010 -2013 |
| Katayoon Kasaian | Master's Trainee Award | CIHR | $17,500 | 2010 -2011 |
| Anthony Fejes | Graduate Student Travel Fund | UBC | $400 | 2010 |
| Cydney Nielsen | GSC Postdoctoral Travel Scholarship | John Bosdet Memorial Fund | $2,500 | 2010 |
| Elizabeth Chun | Bioinformatics Genetic Retreat Travel Award | CIHR Bioinformatics Training Program | $500 | 2010 |
| Katayoon Kasaian | Celebrate Research Week Interdisciplinary Poster Competition | UBC | $200 | 2010 |
| Katayoon Kasaian | BCCA/MSFHR Incentive Training Award | MSFHR/BC Cancer Agency | $10,000 | 2009 -2010 |
| Anthony Fejes | CIHR National Poster Competition, | CIHR *Winnipeg, Canada* | Silver Award of Excellence ($250) | 2009 |
| Katayoon Kasaian | MSc. Graduate Entrance Scholarship | UBC | $2,200 | 2009 |
| Anthony Fejes | Senior Graduate Studentship | MSFHR | $75,000 | 2008 -2011 |
| Elizabeth Chun | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $700 | 2008 |
| Binhua Liang | Canadian Graduate Scholarship (CGS) | Canadian Institute of Health Research (CIHR) | $105,000.00 | 2007–2010 |
| Binhua Liang | Keystone Symposia *Mar 25 - Mar 30, 2007, Whistler, Canada* | Keystone Symposia: HIV Vaccines: Progress and Prospects. | $1000 US Poster Award | 2007 |
| Obi Griffith | Lloyd Skarsgard Research Excellence Award | BC Cancer Agency | - | 2007 |
| Yvonne Li | GSC Graduate Student Travel Scholarchip | John Bosdet Memorial Fund | $2,125 | 2007 |
| Yvonne Li | Canada Graduate Scholarships Doctoral Award (D3) | NSERC | $105,000 | 2006 -2009 |
| Ben Binhua Liang | CIHR-IG for Short-term Research | CIHR Institute for Genetics | $3,280 | 2006 -2007 |
| Obi Griffith | Senior Trainee Award (Bonus Award) | MSFHR | $14,000 | 2006 - 2008 |
| Binhua Liang | XVI International AIDS Conference: *August 13-18, 2006, Toronto,Canada* | XVI International AIDS Conference | $1000 Cdn Poster Award | 2006 |
| Stephen Montgomery | Lloyd Skarsgard Research Excellence Award | BC Cancer Agency | - | 2006 |
| Yvonne Li | The Sixth Canadian Computational Chemistry Conference. | Taylor & Francis Books CRC Press Award for Excellence in Computational Chemistry | Best Poster | 2006 |

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| Yvonne Li | Genomics Forum Research Exchange | Genome BC | Best Student Poster Presentation | 2006 |
| Monica Sleumer | Senior Graduate Award | MSFHR | $67,500 | 2005 - 2008 |
| Obi Griffith | Canada Graduate Scholarship (CGS) Doctoral Award | CIHR | $105,000 | 2005 - 2008 |
| Stephen Montgomery | Post Graduate Scholarship-Doctoral | NSERC | $63,000 | 2005 - 2008 |
| Binhua Liang | International Centre for Infectious (ICID) Disease Retreat: *October 1-3, 2005, Winnipeg, Canada* | International Centre for Infectious (ICID) Disease Retreat. | $100 Cdn Poster Award | 2005 |
| Binhua Liang | International Symposium on Recent Advances in Molecular, Clinical and Social Medicine. *Dec3-5, 2005, Shantou, China* | International Symposium on Recent Advances in Molecular, Clinical and Social Medicine. | $1000 Chinese Yen Poster Award | 2005 |
| Erin Pleasance | Genomics Forum Research Exchange | Genome BC | Best Student Poster Presentation | 2005 |
| Yvonne Li | UBC Genetics Graduate Retreat | UBC | Best Student Poster Presentation $350 travel Prize | 2005 |
| Yvonne Li | Bioinformatics Training Program Stipend | CIHR/MSFHR | $36,000 | 2004 -2006 |
| Stephen Montgomery | Senior Graduate Award | MSFHR | $28,500 | 2004 - 2007 |
| Erin Pleasance | Doctoral Research Award | CIHR | $70,000 | 2004 - 2006 |
| Ben Binhua Liang | CIHR-IG for Short-term Research | CIHR Institute for Genetics | $5,080 | 2004 - 2005 |
| Obi Griffith | GSC Graduate Student Travel Scholarship | John Bosdet Memorial Fund | $670 | 2004 |
| Obi Griffith | Summer Research Award | Albert B. & Mary Steiner | $650 | 2004 |
| Obi Griffith | CIHR Canadian Student Health Research Forum: *Winnipeg, Canada* | CIHR Canadian Student Health Research Forum, | Silver Award of Excellence ($250) | 2004 |
| Stephen Montgomery | BCNET Coolest Applications Contest | BCNET | Best overall Application | 2004 |
| Obi Griffith | PhD Tuition Fee Award | UBC | $12,660 | 2003 -2006 |
| Obi Griffith | Trainee Award (top-up, bonus award, travel allowance) | MSFHR | $24,400 | 2003 - 2005 |
| Obi Griffith | PGS-A Award | NSERC | $34,600 | 2003 - 2005 |
| Erin Pleasance | Steiner Summer Research Award | UBC | $1150 | 2003 - 2004 |
| Obi Griffith | Graduate Entrance Scholarship | UBC | $4,000 | 2003 |
| Erin Pleasance | Salary Award | MSFHR | $38,960 | 2002 - 2006 |
| Erin Pleasance | Honorary Killam Predoctoral | UBC | $1500 | 2002 - 2004 |

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| | Travel Award | | | |

**CONTRIBUTIONS TO THE TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQP):**

Further significant contributions have been in the field of helping to establish bioinformatics training within Canada, including my involvement as founding director of the CIHR/MSFHR Bioinformatics Training Program for Health Research and as a founding Chair of the UBC Bioinformatics Graduate Program. I have also previously served for several years a core faculty member of the Canadian Bioinformatics Workshop Series. In recognition of my contributions to bioinformatics training I have been a recipient of the UBC Medical Genetics teaching award and also in 2012 was a recipient of a prestigious UBC Killam Teaching Prize. I have developed Bioinformatic and Genomic Courses, including Problem Based Learning in Bioinformatics and Genomic Analysis. I have trained numerous PhD student and Post-doctoral fellows students who are themselves now faculty members at institutions such as Stanford and Washington University.

**ACTIVITIES AND CONTRIBUTIONS:**

My bioinformatics group at Canada's Michael Smith Genome Sciences Centre is using data from genomic analyses of human cancers to help understand the molecular genetic events that underly the disease. We are involved in a number cancer sequencing studies, including genomic studies of acute myeloid leukaemia (AML), breast cancer, lymphomas and thyroid cancer. We have developed computational analytic approaches to the analysis of RNA-seq data as well as genomic analysis of tumours. In 2010, my group was the first to publish the genome of an adenocarcinoma of the tongue as well as the first to demonstrate clinical utility of complete genomic sequencing in cancer.

I have also been involved in using next-generation DNA sequencing techniques to study protein-DNA interactions. My group was one of the first groups to report on the utility of ChIP-seq approaches using the STAT1 transcription factor as a model and also one of the first to develop computational software tools for the analysis of ChIP-seq data. I have used this approach to further study epigenomics and have numerous publications in the study of histone modifications in both human and mouse.

My group also is also involved in developing a number of genomic related tools and approaches, involving the development of DNA assembly techniques and alignment algorithms. In 2009 we were the first to publish the sequence of a fungal genome, using a hybrid assembly approach, combining data from Sanger, 454 and illumina sequencing approaches.

I worked at the Sanger Centre, Cambridge, UK, 1994-1998. During this time I was responsible for the computational analysis of the 45MB of *Caenorhabditis elegans* sequence generated at the Sanger Centre as part of the *C. elegans* Genome Project [Science (1998) 282:2012-2018]. This project resulted in the derivation of the first complete genome of a multi-cellular organism. This involved the implementation of database schemas, database accessibility, utilizing genefinding algorithms and other software tools to distinguish genomic features, as well as the annotation and submission of sequence entries to the public sequence repositories. During this time I also provided the bioinformatic resources required for the *Brugia Malayi* EST project at the Sanger Centre as part of the Filarial Genome Network.

Further contributions include my involvement as the founding director of the CIHR/MSFHR Bioinformatics Training Program as well as being a core faculty member of the Canadian Bioinformatics Workshop up until May 2006.

## MOST SIGNIFICANT CONTRIBUTIONS:

1. **Genome Analysis:** I have been involved in numerous genomic projects. Most notably the computational analysis of the *C. elegans* genome, whilst at the Sanger Institute (PMID 9851916). This project resulted in the derivation of the first complete genomic sequence of a multi-cellular organism. I also carried out the first genomic analysis on the Sea Squirt *Ciona intestinalis, Drosophila melanogaster* and the white spruce (PMID 23698863). I continue to implement and develop genome sequencing methodology and more recently sequenced the genomes of the beluga whale (PMID 29232881) and the sea otter (PMID 29232880). I have also developed methods to determine the parent-of-origin of human alleles using imprinting information without the requirement for parental samples (PMID: 36777186).

2. **Cancer Genomics:** I have been involved in a number of cancer sequencing studies, including the first genome of a breast cancer (PMID 19812674). I also published the first study to demonstrate the utility of whole genome sequencing of a human cancer to inform clinical decision making (PMID 20696054). I have been involved the bioinformatics processing and analysis of several thousand miRNA libraries deriving from human tumours as part of the Cancer Genome Atlas project. Other contributions involve the sequencing of the first parathyroid cancer genome (PMID 23616356) as well as the first ghost cell odontogenic cancer. I also helped to develop the CIRCOS genome viewer, which is used widely in the field of cancer genomics (PMID 19541911).

3. **Genome and Transcriptome assembly:** My group has invested significant research resources into the analysis of genomic and transcriptomic data derived from next-generation DNA sequencing devices. For example, the group has developed novel approaches for both the alignment of the sequence reads to the reference genome (PMID 18974170), as well as approaches for the identification of sequence variants (PMID 20190250). I have developed an ensemble approach for the identification of structural rearrangements from DNA sequence and assembly data (PMID 30016509).

4. **Protein-DNA interactions.** I have been involved in the application of next-generation DNA sequencing for other uses including the identification of DNA-protein interactions and represented one of the first groups to develop the ChIP-seq approach (PMID 17558387) as well as the software to allow the determination of ChIP-enriched regions (PMID 18599518). My work has also contributed to the identification of epigenomic changes involving both histone modifications and also DNA methylation (PMID 33618748).

5. **Disease sequencing** I am also the co-discoverer of the causative gene for Weaver syndrome, which was found to be due to *de-novo* mutations in the key epigenomic modifying enzyme EZH2 (PMID 22177091). I was part of the team that sequenced the SARS coronavirus, specifically responsible for the sequence assembly and the bioinformatic analysis. The resulting Science (PMID 12730501) paper describing this has been cited more than 2,990 times (as of September 2024).

## GRANTS AND AWARDS APPLIED FOR:

| Granting Agency | Subject | Years | Amount | Principal Investigator | Co-Investigator |
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| CFI | Genome Sciences Center High-Performance Computing and Data Sharing Infrastructure | 01/2026 to 12/2030 | $7,200,355 | S Jones | Key personnel:<br>A Mungall<br>B O'Huiginn<br>R Deyell<br>K Schrader<br>A Bashashati<br>I Birol<br>M Marra<br>A Steif<br>N Caron |
| NIH | Early Detection of Malignant Progression of Oral Pre-malignant Lesions (OPL) | 09/2024 to 08/2029 | Total USD $2,351,645<br>$470,329/yr<br><br>GSC USD: $1,346,260 | D Wong (NPI)<br>S Jones<br>C Poh<br>N Swarup<br>M Lingen<br>C MacAulay | J Arbet<br>E Abemayor,<br>C Tang,<br>P Boutros,<br>D Chia |
| CIHR | The Canadian Bioinformatics Computational Biology and Health Data Sciences Training and Community Platform (CANBCBHDS) Training Program | 09/2024 to 03/2030 | Total CAD $8,866,661<br>$1,477,776/yr<br><br>GSC CAD: $242,565 | M Brazas (NPI)<br>G Bourque<br>W Hsiao<br>N Hughes<br>J Hussin<br>J Kong<br>S Pai<br>M Sukhai<br>W Wasserman<br>D Wishart | S Jones |
| GBC | The Impact of Climate Change-Related Pollutants on Lung Cell Omics | 01/2025 to 12/2027 | Total CAD $107,327<br>$35,775/yr | E Lim (NPI)<br>MH Ryu | C Carlsten<br>S Jones<br>R Myers |
| Genome Canada | Enhanced Population Cancer Care through Mainstream Genome Sequencing and Parent-of-Origin Detection | 03/2025 to 02/2029 | Total CAD $10,713,020<br>$2,678,255/yr | K Schrader (NPI)<br>P Lansdorp<br>S Jones | S Yip<br>A Wyatt<br>A Virani<br>S Sun<br>D Regier<br>J Nuk<br>M Marra<br>K Chi |
| National Institutes of Health | Accelerating the expert-crowd sourcing of cancer variant interpretation in CIViC | 07/2025 to 06/2030 | Total USD $499,610<br>$99,922/yr | O Griffith (NPI) | S Jones<br>J Laskin |

**GRANTS HELD:**
In order of start date (oldest first, most recent at end).

| Granting Agency | Subject | Years | Amount | Principal Investigator | Co-Investigators |
|---|---|---|---|---|---|
| BCCF | Personalized OncoGenomics | 07/2012 to 03/2025 | Total CAD $40,700,000<br>$6,783,333/yr<br><br>GSC amount $34,700 | J Laskin<br>M Marra | S Jones<br>K Gelmon<br>H Lim |
| TFRI | The Enhanced Pancreatic Cancer Profiling for Individualized Care project | 07/2017 to 06/2025 | Total CAD $4,085,288<br>$817,057/yr | D Renouf<br>D Schaeffer<br>S Gallinger<br>G Zogopoulos<br>O Bathe | S Jones<br>M Marra<br>G Morin<br>J Knox<br>S Fischer<br>C O'Callaghan<br>M Moore |
| TFRI | Marathon of Hope BC Cancer Consortium-BC2C (MOHCCN) | 06/2020 to 03/2025 | Total CAD $13,056,160<br>$2,611,232/yr | M Marra<br>D Renouf | S Jones<br>C Steidl |
| Genome Canada | The Canadian Biogenome Project | 10/2021 to 09/2025 | Total CAD $6,294,530<br>$1,573,632/yr<br><br>GSC amount $4,279,109 | S Jones (NPI)<br>M Murray | S Scherer<br>P Herbert<br>I Ragoussis<br>M Engstrom<br>K Howe<br>P Pulsifer<br>A Chabot |
| Genome BC | Genome BC Marathon of Hope Cancer Centre program (MOH002) | 04/2022 to 03/2025 | Total CAD $2,000,000<br>$1,000,000/yr | M Marra<br>D Renouf | S Jones |
| CFI | CGEn – A National Platform for Genome Sequencing and Analysis<br><br>*(Innovation Fund)* | 04/2022 to 03/2026 | Total CAD $28,655,580<br>$5,731,116/yr<br><br>GSC amount $8,074,281 | S Scherer (NPI)<br>S Jones<br>M Lathorp | M Marra<br>G Bourque<br>L Armstrong<br>N Jabado<br>I Ragoussis<br>L Strug |

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| CIHR | Discovery of HPV-associated genomic alterations in cervical cancer | 07/2022 to 03/2027 | Total CAD $420,750<br>$140,250/yr | M Marra | S Jones |
| Genome Canada | Parent-of-Origin-Aware genomics analysis | 04/2023 to 03/2026 | Total CAD $6,040,300<br>$2,013,433/yr<br><br>GSC amount: $1,476,529 | K Schrader<br>S Jones<br>P Lansdorp | S Yip<br>S Sun<br>A Virani<br>D Regier |
| Genome Canada | CGEn - national facility for genome sequencing and analysis<br><br>*(Technology Development)* | 04/2023 to 03/2026 | Total CAD $3,333,333<br>$1,111,111/yr<br><br>GSC amount $1,333,333 | S Scherer (NPI)<br>L Strug<br>S Jones<br>I Ragoussis | |
| CIHR | Parent-of-Origin-Aware Genomic Analysis in Hereditary Cancer | 04/2023 to 03/2027 | Total CAD $191,856<br>$95,928/yr | K Schrader (NPI)<br>S Jones (NPI)<br>P Lansdorp | L Lefebvre<br>D Regier<br>S Sun<br>A Virani<br>S Yip |
| CIHR | Evaluating the utility of long-read genome sequencing for uncovering causal genetic variation and epigenetic signatures of rare disease | 04/2023 to 03/2027 | Total CAD $818,552<br>$204,638/yr<br><br>GSC amount $532,252 | S Jones (NPI) | C Boerkoel<br>W Gibson<br>R Weksberg |
| CFI | CGEn-Canada's national facility for genome sequencing and analysis<br><br>*(Major Science Initiatives Fund)* | 04/2023 to 03/2029 | Total CAD $48,900,670<br>$8,150,111/yr<br><br>GSC amount $14,864,120 | N Aziz (NPI)<br>S Scherer<br>M Lathrop<br>S Jones | |

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| CIHR | Pan-Canadian Human Genome Library | 09/2023 to 08/2028 | Total CAD $529,205 $105,841/yr | G Bourque (NPI)<br>C Bherer<br>M Brazas<br>M Brudno<br>N Caron<br>M Courtot<br>V Ferretti<br>Y Joly<br>S Jones<br>J Lerner-Ellis<br>I Stedman<br>L Stein<br>W Wasserman<br>M Zawati | |
| Genome Canada | RapidOmics 2.0: Long-read Genome Sequencing for Urgent Genetic Disease Diagnosis | 10/2023 to 09/2026 | Total CAD: $1,102,673 $367,557/yr | J Friedman<br>C Ivany | A Elliott<br>W Gibson<br>S Jones<br>L Lynd |
| GBC | Earth BioGenome Project Secretariat | 01/2024 to 12/26 | Total CAD $217,500 $72,500/yr | S Jones | |
| CFI | CGEn – Canada's national platform for genome sequencing and analysis<br><br>*(Innovation Fund)* | 04/2024 to 03/2028 | Total CAD $18,864,400 $3,772,880/yr<br><br>GSC amount: $5,942,140 | S Scherer (NPI)<br>M Lathrop<br>S Jones | N Jabado<br>G Bourque<br>M Marra<br>K Schrader<br>L Strug<br>P Subbarao<br>I Ragoussis |
| CFI | The Canadian Genomics Data Commons (gnomAD-Canada) | 04/2024 to 03/2029 | Total CAD $128,000 $32,000/yr | J Lerner-Ellis,<br>K Boycott | Y Joly<br>S Jones<br>V Ferretti<br>P Frosk<br>M Fiume<br>A Philippakis<br>H Rehm<br>S Taylor |
| Cancer Research Society | Investigating highly-penetrant hereditary factors in Rwandan women with breast cancer | 09/2024 to 08/2026 | Total CAD $130,000 $65,000/yr | S Jones (NPI) | K Schrader<br>ML Thibodeau |

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| GBC | Efficient and Resilient Genome Active Data Archiving | 01/2025 to 06/2026 | Total CAD $250,000 $125,000/yr | S Jones | D Fortune |

**PAST GRANTS:**
In order of end date (most recent first, oldest at end)

| **Granting Agency** | **Subject** | **Years** | **Amount** | **Principal Investigator** | **Co-Investigators** |
|---|---|---|---|---|---|
| CIHR | Early detection of cancer in high-risk patients through profiling of circulating tumour DNA | 07/2018 to 03/2025 | Total CAD $1,977,525 | T Pugh (NPI), R Kim, A Pollet | S Jones, K Schrader, A Karsan, R Khokha |
| TFRI | MOHCCN Pathfinder Phase II | 05/2023 to 10/2024 | Total CAD $218,868 | S Jones | M Marra |
| CIHR | Canadian Epigenetics, Environment and Health Research Consortium Network Phase II | 07/2019 to 06/2024 | Total CAD $1,108,161 | M Hirst (NPI), G Bourque | S Jones, C Arrowsmith, J Davie, S Bilodeau, J Dillworth, C Brown, S Kimmins, M Gallo |
| NIH | Standardized and Genome-Wide Clinical Interpretation of Complex Genotypes for Cancer Precision Medicine | 04/2019 to 03/2024 | Total US $3,690,154 | O Griffith | S Jones, J Laskin |
| CIHR | Characterization of the integrative epigenetic and epitranscriptomic landscape of acute myeloid leukemias | 01/2021 to 12/2023 | Total CAD $300,000 | L Vu | S Jones |
| UBC | Use of Long Read Whole Genome Sequencing to Drive Community-Based Patient-Oriented Care for Autism Spectrum Disorder | 05/2022 to 06/2023 | Total CAD $43,910 | A Richardson (NPI) | S Lewis, S Jones |
| TFRI | MOHCCN Pathfinder | 11/2021 to 04/2023 | Total CAD $155,610 | S Jones (NPI) | |
| TFRI | The Terry Fox Precision Oncology For Young peopLE | 04/2016 to 03/2023 | Total CAD $5,000,000 | D Malkin | S Jones, M Marra, G Morin |

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| Genome Canada | BC Cancer Agency Genome Sciences Centre Genomics Technology Platform | 04/2017 to 03/2023 | Total CAD $9,641,002 | M Marra (NPI), S Jones, M Hirst, C Nislow | |
| CFI | Canada's Genomics Enterprise (CGEn-MSI): A national genomic tools network for transforming life science research | 04/2017 to 03/2023 | Total CAD $44,317,600 | S Scherer (NPI), S Jones, M Lathorp | |
| Genome Canada | Tackling Childhood Brain Cancer at the root to improve survival and quality of life | 04/2018 to 03/2023 | Total CAD $12,997,400 | J Nada, M Jacek, M Taylor | S Jones & 17 others |
| CIHR | Centre for Epigenome Mapping Technologies | 02/2017 to 01/2023 | Total CAD $4,534,483 | M Hirst (NPI), S Jones, M Marra | S Aparicio, C Eaves, P Lavoie, D Renouf, K Schultz |
| Genome Canada | CanCOGeN HostSeq program | 07/2020 to 12/2022 | Total CAD $20,000,000 | S Scherer | S Jones, M Lathrop |
| Pacific Northwest Prostate Cancer SPORE | Signatures of genomic instability in prostate cancer circulating tumor DNA | 12/2020 to 11/2022 | Total US $50,000 | S Jones, A Wyatt | |
| Genome BC | Genome BC Marathon of Hope Cancer Centre program | 10/2021 to 09/2022 | Total CAD $1,000,000 | M Marra, D Renouf | S Jones |
| BCCF | Hereditary male breast cancer: characterization of known and novel familial predispositions using short and long reads sequencing technologies | 03/2020 to 09/2022 | Total CAD $74,891 | S Jones, K Schrader | ML Thibodeau, S Sun, A Karsan, S Yip, J Laskin, M Marra |
| NIH | Integrative miRNA data analysis for clinical cancer genomics | 09/2016 to 08/2022 | Total US $1,974,969 | S Jones, T Knijnenburg | I Shmulevich, Y Ma, G Robertson, S Reynolds |
| UBC | Dermatology Point-of-Care Intelligent Imaging Network-Digital Pathology | 08/2019 to 06/2022 | Total CAD $423,074 | S Jones, M Marra, S Yip | Key personnel: R Coope |
| NSERC | Training Program In High-Dimensional Bioinformatics (HBD) | 04/2015 to 03/2022 | Total CAD $1,650,000 | P Pavlidis | S Jones, R Morin, F Brinkman, J Bryan, N Chen, R Ng, W Wasserman |

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| CIHR | Canadian Epigenetics, Environment and Health Research Consortium Network | 07/2015 to 03/2022 | Total CAD $2,000,000 | M Hirst, S Jones, C Arrowsmith, G Bourque, L Foster, T Pastinen | 12 co-applicants |
| Genome Canada | Spruce-Up: Advanced spruce genomics for productive and resilient forests | 10/2016 to 03/2022 | Total CAD $10, 417,350 | J Bohlmann, J Bousquet | S Jones, I Birol, M Hirst, J Cook, N Gelinas |
| CANARIE | ClinDIG, a distributed system for clinical and genomics data | 04/2020 to 03/2022 | Total CAD $691,967 | M Brudno (NPI), G Bourque | S Jones |
| CIHR | Identification of Genetic Factors for Familial Lymphoid Cancers | 10/2013 to 03/2022 | Total CAD $799,698 | A. Brooks-Wilson | S Jones, M Marra, J Connors, H Lynch, S Slager, K Offit |
| CIHR | Modulators of epigenomic processes - a novel approach to cancer therapy | 07/2015 to 03/2022 | Total CAD $560,420 | S Jones | K Humphries |
| CCSRI | Long read DNA methylation sequencing for early detection of pancreatic adenocarcinoma | 01/2021 to 01/2022 | Total CAD $150,000 | S Jones, M Marra | P Bhatti, D Renouf, D Schaeffer |
| CFI | Preparing for the Next Wave: Technology to Detect and Analyze SARS-CoV-2 | 11/2020 to 09/2021 | Total CAD $401,238 | M Marra (NPI), S Jones, M Hirst, N Prystajecky | |
| CFI | Canadian Distributed cyber-Infrastructure for Genomics | 04/2016 to 09/2021 | Total CAD $3,920,000 | M Brudno (NPI), S Jones & 9 others | |
| Genome Canada | Enhancing Production In Coho: Culture, Community, Catch (EPIC4) | 10/2015 to 03/2021 | Total CAD $3,796,906 | W Davidson, L Bernatchez | S Jones |
| TFRI | The Terry Fox New Frontiers Program Project Grant in Discovery and Therapeutic Development of Antibody-Based Targets in Oncology | 07/2015 to 09/2020 | Total CAD $2,250,000 | Steven Jones | J Babcook, F Benard, G Morin, KS Lin, P Schaffer, T Hudlicky |

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| Canarie | CanDIG National Genomic Data Service:CHORD | 10/2018 to 03/2020 | Total CAD $380,500 | G Bourque (NPI), M Brudno | S Jones |
| Genome BC | Personalized OncoGenomics 3.0 | 10/2016 to 03/2020 | Total CAD $2,000,000 | Marco Marra, Janessa Laskin | Steve Jones, Dean Regier |
| TFRI | Terry Fox Canadian Comprehensive Cancer Centre Netwofrk Pilot (TF4CN Pilot) | 04/2017 to 03/2020 | Total CAD $2,000,000 | Francios Benard, Bradley Wouters | S Jones, M Marra, T Pugh, B Nelson, P Ohashi, D Jaffray, A Berlin |
| CFI | Canada's Genomics Enterprise (CGEn): A national genomic tools network for transforming life science research | 04/2015 to 03/2020 | Total CAD $58,435,136 | Steven Jones (NPI) S Scherer, M Lathorp, G Bourque, M Brudno, R Holt, A Karsan, M Marra , H Ragoussis, M Taylor | |
| BCKDF | Canada's Genomics Enterprise (CGEn): A national infrastructure genomic tools for a transformative impact on biomedical and other life science research | 04/2015 to 03/2020 | Total CAD $8,364,268<br><br>Included in above CFI | Steven Jones | |
| CHIR | Centre for Epigenome Mapping Technologies | 01/2012 to 03/2019 | Total CAD $5,161,843 | Marco Marra, Steven Jones, Martin Hirst | Aparicio, Samuel; Cynader, Max; Eaves, Connie; Gascoyne, Randy; |
| NIH | Princess Margaret Phase 1 Consortium (PMP1C) | 04/2014 to 02/2019 | Total US $1,756,985 | L Siu, D, Sullivan, S Hotte, K Chi | S Jones, M Marra, S Aparicio & 8 others |
| TFRI | Modeling and Therapeutic Targeting of the Clinical and Genetic Diversity of Glioblastoma | 07/2012 to 06/2018 | Total CAD $8,178,787 | Greg Cairncross | M Marra, S Jones, S Weiss, S Robbins, D Kaplan, D Mason |
| OpenMinTeD | Simplifying text mining of the PubMed and PubMed Central resources for up-to-date results | 02/2018 to 04/2018 | Total Euro €6,900 | Steven Jones | Jake Lever |
| Genome Canada | Personalized Treatment of Lymphoid Cancer: British Columbia as Model Province. | 04/2013 to 03/2018 | Total CAD $10,232,800 | J. Connors, M. Marra, R. Gascoyne | |

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| CIHR | Epigenetic Modifications Regulating Hepatocellular Carcinoma and Hepatocyte Differentiation | 04/2013 to 03/2018 | Total CAD $1,200,000 | Pamela Hoodless | Steve Jones, Stephen Duncan, Isabella Tai |
| CIHR | An Epigenomic Data Coordination Centre for Canada | 01/2012 to 03/2018 | Total CAD $1,478,992 | Steven Jones | Birol, Inanc; Lorincz, Matthew; Nielsen, Cydney; Hirst, Martin Milosavljevic, Aleksandar; Wang, Ting; Karimi, Mohammad Mehdi |
| CFI | Genomics approaches to personalizing cancer diagnosis and treatment | 04/2014 to 12/2017 | Total CAD $14,140,000 | Marra M, Jones S, Holt R, Karsan A, Aparicio S, Huntsman, D, Gelmon, K, Laskin J, Rogers P, Toyota B. | |
| Genomics Innovation Network (GIN) | Methods and Technology Development at the Sequencing Platform at the BC Cancer Agency Genome Sciences Centre | 10/2015 to 09/2017 | Total CAD $2,000,000 | R Holt, M Marra | S Jones, I Birol, C Hansen, R Coope, A Mungall, R Morin, R Roscoe. |
| NIH | HIV tumour molecular characterization project | 07/2011 to 05/2017 | Total US $12,670,280 | Marco Marra | Steven Jones, Martin Hirst |
| CIHR | Bioinformatics training for Health Research | 09/2009 to 03/2017 | Total CDN amount $1,950,000 | Fiona Brinkman, Steven Jones | David Baillie, Jenny Bryan, Jack Chen, Anne Condon, Marco Marra, Paul Pavlidis, Cenk Sahinalp Wyeth |
| CCSRI | Modulators of FBXL2 to induce degradation of oncogenes – an innovative therapeutic approach | 02/2014 to 01/2017 | Total CAD $195,240 | Steven Jones | Keith Humphries, Robert Young |
| Genome BC | Molecular and physiological characteristics of early ripening events in grapevine | 07/2014 to 12/2016 | Total CAD $200,000 | Simone Castellarin | Steve Jones, Gregory Gambetta |

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| Genome Canada | Next Generation Bioinformatics for Clinical Genomics: using de novo assembly in personalized medicine | 10/2013 to 09/2016 | Total CAD $750,000 | Steven Jones, Inanc Birol, Aly Karsan | |
| TFRI | The Terry Fox New Frontiers Program Project in Molecular Correlates of Treatment Failure in Lymphoid Cancers | 07/2013 to 06/2016 | Total CAD $3,885,626 | R Gascoyne, J Connors, M Marra, S Jones, S Shah, C Steidl | Ryan Morin |
| BC Cancer Foundation | Next Generation Bioinformatics for Clinical Genomics: using de novo assembly in personalized medicine | 07/2015 to 06/2016 | Total CAD $250,000 | Inanc Birol, Aly Karsan, Steven Jones | |
| NIH | Cancer transcriptome characterization using massively parallel DNA sequencing | 08/2009 to 06/2016 | Total US $10,876,220 | Marco Marra | Allen Delaney, Martin Hirst, Rob Holt, Steven Jones, Richard Moore, Ryan Morin, Robyn Roscoe, YJ Zhao |
| CFI | Ultra-high-throughput DNA Sequencing Platform for Large Scale Genome Analysis | 01/2010 to 03/2016 | Total CAD $10,065,940 | Marco Marra | Steven Jones Sam Aparicio, David Baillie, Joerg Bohlmann, Rob Brunham, Jan Friedman, Phil Hieter, Rob Holt, David Huntsman |
| BCKDF | Ultra-high-throughput DNA Sequencing Platform for Large Scale Genome Analysis | 02/2010 to 03/2016 | Total CAD $10,065,940 | Marco Marra | Steven Jones, Sam Aparicio, David Baillie, Joerg Bohlmann, Rob Brunham, Jan Friedman, Phil Hieter, Rob Holt, David Huntsman |
| CIHR | CIHR Team in Investigating Autophagy Proteins as Molecular Targets for Cancer Treatment | 12/2009 to 03/2016 | Total CAD $1,414,650 | Marcel Bally, Karen Gelmon, Julian Lum, Robert Young S Gorski (nominated PI) | Helene Cote, Keith Humphries, Jiaoyan Jiang, Steven Jones.<br>Collaborators:<br>A Edwards, DL Forrest, C Lopez-Otin, Marco Marra, RI Nabi, B Nelson, P Watson, S Wiseman |
| Genome Canada | Genome Canada Science & Technology Innovation Centre | 01/2013 to 09/2015 | Total CAD $8,983,109 | Marco Marra, Steven Jones, Rob Holt | |

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| CHIR | Identifying Cytoprotective Responses Triggered Following Initial Exposure to Targeted Therapy: Defining Improved Treatment Strategies for Patients with HER-2 Positive Breast Cancer | 10/2010 to 09/2015 | Total CAD amount $774,155 | Marcel Bally | Steven Jones, Karen Gelmon |
| CIHR | Toward personalized immunotherapy: identifying tumour-specific factors that dictate the response of spontaneous mammary cancers to T cells | 10/2010 to 09/2015 | Total CAD amount: $671,932 | Brad Nelson | Allen Delaney, Steven Jones, Peter Watson |
| Genome BC | Bioinformatic Identification of Optimal Targets and Therapeutic Antibody Development in Oncology (SOF5) | 07/2013 to 03/2015 | Total CAD amount $196,846 | Steven Jones, John Babcook | Jianghong An |
| CIHR | CIHR Team Chromatin marks in normal and malignant stem cells | 10/2008 to 03/2015 | Total CAD amount $2,497,744 | Peter Lansdorp | Martin Hirst, Keith Humphries, Steve Jones, Louis Lefebvre, Matthew Lorincz |
| Genome BC | Stratifying and Targeting Pediatric Medulloblastoma Through Genomics | 07/2011 to 03/2015 | Totol CAD amount $9,856,814 | Marco Marra, Michael Taylor, David Malkin | Steven Jones, et al (12 others) |
| Genome Canada | SMarTForest: Spruce Marker Technologies for Sustainable Forestry | 07/2011 to 06/2014 | Total CAD amount $9,900,000 | J MacKay, J Bohlmann | K Ritland, J Bousquet, J Cooke, N Gelinas, S Jones, A Yanchuk, N Isabel, J Beaulieu, G |
| NIH-SAIC-Frederick | Sequencing for Discovery of Candidate Mutations in Lymphoma Transcriptomes | 07/2008 to 06/2014 | Total US Amount $14,213,780 | Marco Marra | Steven Jones, Joe Connor, Randy Gascoyne, Martin Hirst, Doug Horsman |

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| NIH | Integrated Epigenetic Maps of Human Embryonic and Adult Cells | 08/2008 to 06/2014 | Total US amount $14,630,140 | Joseph Costello, Marco Marra | Steven Jones, Martin Hirst, Robyn Roscoe<br>Alvarez-Buylla, Arturo<br>Farnham, Peggy<br>Fisher, Susan<br>Haussler, David<br>Kent, James<br>McManus, Michael<br>Tlsty, Thea<br>Wang, Ting<br>Weiss, Arthur<br>Balmain, Allan<br>De Jong, Pieter<br>Gray, Joe<br>Karpen, Gary<br>Kwok, Pui-Yan<br>Panning, Barbara<br>Pinkel, Dan<br>Segal, Mark |
| Genome Canda | Genomics-Based Forest Health Diagnostics and Monitoring | 04/2011 to 04/2014 | Total CAD amount $4,179,683 | Richard Hamelin | Steven Jones, Kermit Ritland, Andre Marziali, Jeremy Kent, Phillippe Tanguay, Adrian Uzunovic |
| Genome BC | Genomics applied to the management of high-risk AML/myelodysplastic syndromes | 07/2011 to 03/2014 | Total CAD amount $3,113,494 | Aly Karsan, Marco Marra | Steven Jones, Donna Hogge, Keith Humphries, Stuart Peacock, Peter Chow-White, Andrew Feenberg |
| Genome BC | Sequencing and comparative genome mapping of Chardonnay grapevine clones | 11/2011 to 02/2014 | Total CAD amount $224,988 | Hennie Van Vuuren, Isak Pretorius | J Bohlmann, A Borneman, P Chambers, M Herderich, D Johnson, S Jones, S Schmidt. |
| CCSRI | The Genomic Characterization of Thyroid Cancers | 07/2010 to 06/2013 | Total CAD amount $408,520 | Steven Jones | Sam Wiseman |
| NCIC | Biology of Cancer: Insights from Genomic Analyses of Lymphoid Neoplasms | 07/2008 to 06/2013 | Total CAD amount $6,284,994 | Joseph Connors, Randy Gascoyne, Doug Horsman, Marco Marra | Steven Jones |
| MSFHR Senior Scholar Award | Bioinformatic approaches for the interpretation of cancer genomes | 07/2008 to 06/2013 | Total CAD amount $500,000 | Steven Jones | Collaborators:Angie Brook-Wilson, Pamela Hoodless, Isabella Tai |
| Genome Canada | Genomics Innovation Centre at the BC Cancer Agency | 04/2011 to 03/2013 | Total CAD amount $7,189,816 | Marco Marra, Steven Jones, Rob Holt | |

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| Genome Canada | Genomics-Enhanced Forecasting Tools to Secure Canada's Near-Term Lignocellulosic Feedstock Supply for Bioenergy using the Mountain Pine Beetle-Pinus supp. System | 04/2010 to 03/2013 | Total CAD amount $7,795,145 | Joerg Bohlmann, Janice Cooke | Steven Jones, Brian Aukema, Colette Breuil, David Coltman, Nadir Erbilgin, Maya Evenden, Richard Hamelin, Dezene Huber, Chris Keeling, Brent Murray,Feliz |
| Genome Canada | The Canadian Pediatric Cancer Genome Consortium: Translating next-generation sequencing technologies into improved therapies for high-risk childhood cancer | 07/2011 to 03/2013 | Total CAD amount $2,827,359 | P Sorenson, C Fernandez, C Hawkins, A Huang, N Jabado, D Malkin, D Sinnett, M Taylor | S Jones, M Marra, A Monpetit, K Schultz, C Strahlendorf, G Bourque, S Yip. |
| Genome Canada<br><br>(FORGE) | Canadian Pediatric Genetic Disorders Sequencing (CPGDS) Consortium | 04/2011 to 03/2013 | Total CAD amount $2,874,956 | Kym Boycott | Steven Jones, Jan Friedman, Jacques Michaud |
| CIHR | CIHR Team in Genomic, Imaging and Modeling Approaches to Advance Population-Based Colorectal Cancer Screening | 10/2007 to 03/2013 | Total CAD amount $2,384,996 | A. Coldman, M. Elwood, C. MacAulay, S. Peacock., I. Tai, H. Zeng | Collaborators:<br>S. Jones, M. Marra, et al |
| NCIC | The identification of mutation specific inhibitors through whole genome re-sequencing of breast cancer cell-lines | 07/2007 to 06/2012 | Total CAD amount $605,066 | Steven Jones | Jianghong An |
| CIHR | Improving computational inference of single nucleotide variants from next generation sequencing of cancer genomes | 10/2010 to 09/2011 | Total CAD amount $100,000 | Sam Aparicio | Steven Jones, Ann Condon, David Huntsman, Kevin P Murphy,Sohrab P. Shah |
| NIH | A Comprehensive Catalog of Human Dnasel Hypersensitive Sites | 09/2007 to 08/2011 | Total US amount $443,064 | John Stammatoyannopolous | Steven Jones, Marco Marra |
| Genome Canada | Genome BC Genomics Platforms at BC Cancer Agency Genome Sciences Centre | 01/2009 to 03/2011 | Total CAD amount: $6,471,892 | Marco Marra, Steven Jones, Rob Holt | Inanc Birol, Jacquie Schein, Allen Delaney, Martin Hirst, Richard Moore |
| CIHR | SynTarg Discovery Program: Use of a genome wide siRNA screen to identify targets that will enhance platinum-containing chemotherapy when used in first line therapy of non-small cell lung cancer | 07/2008 to 06/2011 | Total CAD amount $477,534 | Marcel Bally | Sam Aparicio, Steven Jones, Janessa Laskin, Marco Marra |

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| CIHR | Toward personalized immunotherapy: Identifying tumour-specific factors that dictate the response of spontaneous mammary cancers to different T cell therapies | 04/2007 to 09/2010 | Total CAD amount: $379,347 | Brad Nelson | Allen Delaney, Steven Jones, Peter Watson |
| Genome BC | Short Sequencing Assembly and Finishing of Large Genomes. | 10/2009 to 09/2010 | Total CAD $95,000 | Inanc Birol, Steven Jones | |
| Heart & Stroke Foundation of Canada | Dissecting Gene Regulatory Networks in Cardiac Cushion Development | 07/2007 to 07/2010 | Total CAD amount: $376,416 | Aly Karsan | Pamela Hoodless, Marco Marra<br>Steven Jones |
| Genome Canada | Production-Scale Deployment of Next-Generation Sequencing Instruments | 01/2008 to 03/2010 | Total CAD amount $1,912,521 | Rob Holt, Steven Jones, Marco Marra | Martin Hirst |
| Genome Canada | Towards Single Cell Genomic Analysis | 04/2008 to 03/2010 | Total CAD amount $1,824,278 | Carl Hansen, Marco Marra | Sam Aparicio, Martin Hirst, Steven Jones |
| SFU CTEF<br>Community Trust Endowment Fund | Bioinformatics for Combating Infectious Diseases: Novel methods for drug and target identification and evaluation | 04/2007 to 03/2012<br>Funding completed 2010 | Total CAD amount $350,000 | Fiona Brinkman, Cenk Sahinalp | Steven Jones, Peter Unrau, Jack Chen, David Baillie, Martin Ester, Jian Pei, Eldon Emberly, Carl Lowenberger, Peter Wilson, Art Cherkasov |
| Genome Canada | Dissecting Gene Expression Networks in Mammalian Organogenesis | 01/2006 to 06/2010 | Total CAD amount:<br>$7,770,032 | Pamela Hoodless, Marco Marra | Aly Karsan, Cheryl Helgason, Steven Jones, Sidney Katz, Ed Levy |
| NIH | Genomic and proteomic analysis of androgen independent prostate cancer<br>Grant # 1 R01 CA105304-01 | 04/2004 to 02/2010 | Total USD amount:<br>$1,078,854 | Marianne Sadar | Marco Marra, Steven Jones, Yuzhou Wang, Robert Holt, Katie Meehan |
| Genome BC | Development of Efficient Algorithms and Technologies for Structural Variation Detection by Single Molecule Sequencing | 01/2009 to 12/2009 | Total CAD amount $68,000 | Inanc Birol, Cenk Sahinalp | Steven Jones |
| Genome BC | The Mountain Pine Beetle Epidemic | 01/2008 to 12/2009 | Total CAD amount $4,063,524 | Joerg Bohlmann, Janice Cooke | Robert Holt, Steven Jones, Marco Marra, et al |
| Genome Canada | High Resolution Analysis of Follicular Lymphoma genomes | 01/2006 to 12/2009 | Total CAD amount: $9,341,856 | Marco Marra, Joseph Connors, Randy Gascoyne | Doug Horsman, Martin Krzywinski, Jacquie Schein, Robert Holt, Steven Jones, Carlo Marra |

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| Genome Canada | Pleiades Promoter Project | 01/2006 to 12/2009 | Total CAD amount: $10,118,120 | Elizabeth Simpson | Dan Goldowitz, Steven Jones, Rob Holt, Wyeth Wasserman, |
| Genome Canada | Genome BC Large Scale, High Throughput Genomics Platforms at BCCA-GSC (Competition III Platform) | 01/2006 to 12/2008 | Total CAD amount: $8,907,686 | Marco Marra, Steven Jones, Rob Holt | Asim Siddiqui, Agnes Baross, Martin Hirst, Inanc Birol, Martin Krzywinski, Allen Delaney, Francis Ouellette, Jacquie Schein |
| NIH/NCI | Optical Systems for In Vivo Molecular Imaging of Cancer | 09/2004 to 08/2009 | Total USD amount: $8,583,213 | Rebecca Rae Richards-Kortum | Michael Descour, Calum MacAulay, Konstantin Sokolov, Steven Jones, Mladen Korbelik, Brian Korgel, Stephen Lam, Wan Lam, Peter Lansdorp, Mia Markey, Marco Marra, Renata Pasqualini, Miriam Rsin, Krishnendu Roy, William |
| NIH | Mechanisms of HOX Protein Mediated Transformation # 1R01CA116570-01A1 | 08/2006 to 06/~~2011~~ 08/2009 | Total USD amount: $1,361,525 | Jay Hess | Steven Jones, Gordon Robertson, Ali Shilatifard |
| CIHR | Bioinformatics training for health research Training Program | 03/2002 to 08/2009 | Total CAD amount: $2,020,821 | Steven Jones | David Baillie, Phil Heiter, Marco Marra, Fiona Brinkman, Jenny Bryan, Anne Condon, Arvind |
| MSFHR | Cancer, the Environment and Occupation (CEO): the program of the Cancer Control Research Unit at the BCCA | 07/2004 to 03/2009 | Total CAD amount: $724,311 | Rick Gallagher | A. Brooks-Wilson, M. Marra, S. Jones, J. Spinelli, N. Le, C. Bajdik et al |
| CIHR | Characterization of regulatory regions, modules and elements in mammalian genomes | 07/2007 to 06/2008 | Total CAD amount $100,000 | Steve Jones | Marco Marra, Pamela Hoodless |
| NCIC | Biology of Cancer: Follicular Lymphoma as a Model of Cancer Progression | 07/2005 to 06/2008 | Total CAD amount: $3,540,067 | Joseph Connors | Co-Applicants: Marco Marra, Randy Gascoyne, Doug Horsman Collaborators: Jacquie Schien, Steven Jones, Martin Krzywinski, Robert Holt |

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| CIHR | Genomics, Genetics & Gerontology (G3): A multidisciplinary team for the study of healthy aging | 04/2003 to 03/2008 | Total CAD amount: $1,159,844 | Marco Marra and Angela Brooks-Wilson | Steven Jones, Nhu Le, Joseph Connors, Graydon Meneilly |
| Prostate Cancer Research Foundati-on of Canada | Structure Based Drug Discovery against Novel Binding Pockets of Androgen Receptors | 03/2006 to 02/2008 | Total CAD amount: $60,000 | Steven Jones | Marianne Sadar, Jianghong An |
| Genome Canada | Bioinformatics Platform (Applied Genomics and Proteomics) | 01/2005 to 12/2007 | Total CAD Amount: $367,367 | Steven Jones | |
| Genome Spain / Genome Canada | A Genomic Approach to the identification of the genetic and environmental components underlying Berry quality in Grapevine (GRAPEgen) | 11/2004 to 10/2007 | Total CAD amount: $3,134,481 | Steven Lund, Jose Miguel Martinez-Zapatar | Joerg Bohlmann, Steve Jones |
| MSFHR | Supplemental Training Program Award (CIHR: Bioinformatics training for health research) | 03/2002 to 02/2007 | Total CAD amount: $300,000 | Steven Jones | |
| Genome Canada | Bovine Genome Project: Full Insert cDNA Sequencing Plan | 08/2004 to 07/2007 | Total CAD amount: $6,595,723 | Marco Marra, R.Holt, S.Jones, Stephen Moore | |
| Genome Canada | Genomic Tools for Diagnosis & Evaluation of Mental Retardation | 04/2004 to 09/2007 | Total CAD Amount: $5,558,741 | Jan Friedman & Marco Marra | Jacquie Schein, Steven Jones, Sylvie Langlois, Patrice Eydoux, Bartha Knoppers, Donna Albertson, Wan Lam, Dan Pinkel, Evica Rajcan-Separovic, Carlo Marra, Rob Holt |
| NIH / NHGRI | Improvements in BAC fingerprinting and end sequencing Grant# U01 HG002743-01 | 04/2003 to 11/2006 | Total USD amount: $4,316,678 | Marco Marra | Stephane Flibotte, Dan Fuhrmann, Steven Jones, Martin Krzywinski, Andre Marziali, |
| NIH | Large Scale Genome Sequencing / Validation and improvement of Whole Genome Assemblies Grant # 1 U54 HG03079-01 | 11/2003 to 10/2006 | Total USD amount: $274,603 | Richard Wilson | Steven Jones |
| Genome Canada / Genome BC | Bioinformatics Platform – Competition I & II & Other | 10/2001 to 03/2005 | Total CAD amount: $8,795,055 | Steven Jones | |
| Genome Canada / Genome BC | Cancer Genomics – Competition I | 10/2001 to 03/2005 | Total CAD amount: 16,740,911 | Victor Ling, Marco Marra, Connie Eaves | Steven Jones, Stephen Lam, Wan Lam, Calum MacAulay, Miriam Rosin, Juergen Vielkind |

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| Genome Canada / Genome BC | A quantitative and comprehensive atlas of gene expression in mouse development – Competition II | 07/2002 to 03/2006 | INCLUDED IN BIOINFORMATICS PLATFORM Total CAD amount: $13,195,524 | Marco Marra and Pamela Hoodless | Robert Strausberg, Elizabeth Simpson, Cheryl Helgason, Gregory Riggins, Steven Jones |
| Genome Canada / Genome BC | Bioinformatics of mammalian gene expression (BoMGE) – Competition II | 07/2002 to 03/2006 | Total CAD amount: $6,134,386 | Steven Jones | Marco Marra |
| BCKDF | Matching funds: Bioinformatics of Mammalian Gene Expression (Genome Canada: BoMGE) | 10/2005 – 03/2006 | Total CAD amount: $411,848 | Steven Jones | |
| Genome Canada / Genome BC | Expression profiles of cells and tissues in *C. elegans* – Competition II | 07/2002 to 03/2006 | INCLUDED IN BIOINFORMATICS PLATFORM: Total CAD amount: $3,000,000 | David Baillie | Steven Jones, Marco Marra, Francis Ouellette, Don Moerman, Claes Wahlestedt, Erik Sonnhammer, |
| MSFHR | Institutional Infrastructure Proposal for Health Research for the BCCA | 06/2003 to 03/2006 | Total CAD amount: $2,198,039 | Victor Ling | M Bally, D Banerjee, A Brooks-Wilson, K Chi, L Chiu, A Coldman, J Connors, S Dedhar, R Doll, R Durand, A Eaves, C Eaves, R Gallagher, D Garner, R Gascoyne, K Gelmon, D Hogge, R Holt, P Hoodless, K Humphries, D Huntsman, S Jones, A Karsan, R Kay, T Keane, G Krystal, S Lam, W Lam, P Lansforp, W Linden, C MacAulay, D Mager, M Marra, L Mayer, M McBride, N Murray, B Nelson, S O'Reilly, P Olive, I Olivotto, M Rosin, T Ruth, M Sadar, C Smith, J Spinelli |
| CIHR | Development of a mass spectrometry-based method of full-length sequencing of proteins | 03/2003 to 02/2006 | Total CAD amount: $283,386 | Juergen Kast | Steven Jones |
| Genome Canada | Functional Pathogenomics of Mucosal Immunity | 07/2002 to 03/2005 | Total CAD amount $13,465,710 | Lorne Babiuk Robert Hancock | Mitchell Abrahamsen, Fiona Brinkman, Brett Finlay, Philip Gribel, Steven Jones, Andy Potter |

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| Genome Canada / Genome BC | Comparative and functional genomics of the human pathogen *Cryptococcus neoformans* – Competition II | 07/2002 to 03/2005 | INCLUDED IN BIOINFORMATICS PLATFORM | Jim Kronstad | Robert Bruhham, Marco Marra, Steven Jones, Colleen Nelson |
| Alfred P. Sloan Foundation | Supplemental Training Program Award (CIHR: Bioinformatics training for health research) | 10/2003 to 12/2004 | Total CAD amount: $87,990 | Steven Jones | |
| CIHR | SARS: A scientific collaborative to support public health response through vaccination | 08/2003 to 08/2004 | Total CAD amount: $500,000 | Danuta Skowronski | Bob Brunham, David Patrick, Marco Marra, Timothy Booth, David Scheifele, Martin Petric, Babak Pourboholoul, Caroline Astell, Lorne Babiuk, Yosssef Av-Gay, William Bowie, Mel Krajden, Steven Jones, Monka Naus, Valencia Remple, James Russell, Christopher Richardson, Raymond Tellier, Lauren Meyesers, Allison McGeer, Theresa Tam, Michael Drebot |
| Canadian Cancer Etiology Research Network | Identifying groups of genetically-related cancers<br>Grant #03-03-04 | 05/2003 to 04/2004 | Total CAD amount: $20,228 | Chris Bajdik | Angela Brooks-Wilson, Steven Jones |
| Alberta Science & Research Authority (ASRA) | Bovine Genome Project | 03/2001 to 03/2004 | Total CAD amount: $500,000 | Steve Moore | Marco Marra, Steven Jones, Bernie Benkel |
| NIH | Full length cDNA sequencing<br>Sub-contract #:20XS180 | 08/2000 to 02/2004 | Total USD amount: $4,067,426 | Marco Marra | Steven Jones |
| Genome Canada / Genome Quebec | Functional genomics of regulation in forest trees | 01/2003 to 12/2003 | Total CAD amount: $424,900 | John McKay | Steven Jones |
| NSERC | Genome and Transcriptome analysis of the human pathogen *Cryptococcus neoformans* | 02/2000 to 01/2003 | Total CAD amount: $616,337 | Jim Kronstad | Marco Marra, Steven Jones |
| Peter Wall Institute for Advanced Studies | Pathogenomics – An innovative approach to the study of infectious diseases | 08/1999 to 07/2002 | Total CAD amount: $500,000 | Ann Rose | Steven Jones, Francis Ouellette, Bob Hancock, David Baillie, Sarah Otto, Brett Finlay |

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| Agriculture and Agri-Food Canada | Sequencing and evaluation of random expressed sequence tag (EST) clones from wheat leaf rust, Puccinia triticina, cDNA libraries | 04/2001 to 03/2002 | Total CAD amount: $69,850 | Guus Bakkaren | Steven Jones, Marco Marra, Guanggan Hu |
| CFI | CGDN and UBC Bioinformatics Infrastructure (CUBI) | 04/2001 to 03/2002 | Total CAD amount: 1,568,410 | Francis Ouellette | Steven Jones |
| CFI | Team Leaders for a Genome Sequence Centre | 04/2000 to 03/2002 | Total CAD amount: $700,000 | Victor Ling | Steven Jones, Marco Marra |

**PATENTS TOTAL 31**

**Issued:**

1. **PCT International patent application # ePCT Version 4.11.007 MT/FOP 20230501/1.1 (pending)** entitled: "A method and apparatus for parent-of-origin disease allele detection for the diagnosis and management of genetic diseases." Inventors: Vahid Akbari, Vincent C. T. Hanlon, Kieran O'Neill, Kasmintan A. Schrader, Peter M. Lansdorp and **Steven J.M. Jones. Submitted:** May 10, 2023

2. **US Patent (Filing date: May 11, 2022)** entitled: "A method and apparatus for parent-of-origin disease allele detection for the diagnosis and management of genetic diseases." Inventors: Vahid Akbari, Vincent C. T. Hanlon, Kieran O'Neill, Kasmintan A. Schrader, Peter M. Lansdorp and **Steven J.M. Jones**. **Application** # 63/340,712: **Submitted:** May 11, 2022

3. **US Patent (Filing date: March 10, 2021)** entitled: "Immunotherapy agents targeting brachyury and methods of using same." Inventors: Robert Holt, Laura Williamson, Craig Rive, Daniela Di Francesco, Emma Titmuss, **Steven J.M. Jones,** Janessa Laskin, Shahrad Rassekh, Rebecca Deyell, Marco Marra.. **Steven J.M. Jones**. **Application** # 63/200,483: **Submitted:** March 10, 2021

4. **US Patent (issued April 4, 2017)** entitled: "TNNT1 Mini-Promoters." Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles. Publication #:20150343020 **Publication Date**:Dec 3, 2015

5. **US Patent 9,552,457 (issued January 24, 2017)** entitled "Reprogramming Effector Protein Interactions to Correct Epigenetic Defects in Cancer". Inventors: **Steven Jones,** Oleksandr Yakovenko, Silvia Thoene, Jianghong An and Pierre Yulmin CHEUNG. **Publication #:** 20150154345 **Publication Date**: June 4, 2015

6. **US Patent 9,546,357 (issued January 17, 2017)** entitled: "UGT8 Mini-Promoters." Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles. **Publication #:** 20150259691 **Publication Date:** Sept 17, 2015

7. **US Patent 9,006,413 (issued April 14, 2015)** entitled "PCP2 Mini-Promoter". Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles. **Publication #:** 20140141517 **Publication Date**: May 22, 2014

8. **US Patent 8,895,715 (issued November 25, 2014)** entitled "S100B mini-promoters". Inventors: Simpson E, Wasserman W, Holt RA, **Jones SJM**, Goldowitz D, Portales-Casamar E, D'Souza C, Chopra V. **Publication #:** 20090280568 **Publication Date**: November 12, 2009

9. **US Patent 8,742,156 (issued June 3, 2014)** entitled "Anti-Viral Carbamimidothioic Acid Esters". Inventors: **Jones Steven J**; Lau Allan Sik-Yin; An Jianghong; Law Hing-Yee; Lee Chun-Wai Davy. **Publication #:** 20130143961 **Publication Date**: June 6, 2013

10. **US Patent 8,673,884 (issued March 18, 2014)** entitled "Anti-Influenza Compounds" Inventors: **JONES Steven J**; LAU Allan Sik-Yin; AN Jianghong; LAW Hing Yee; LEE Chun Wai Davy; POON Lit Man. **Publication #:** 20110009369 **Publication Date**: January 13, 2011

11. **US Patent 8,629,261 (issued January 14, 2014)** entitled "Olig1 mini-promoters". Inventors: Simpson E, Wasserman W, Holt RA, **Jones SJM**, Goldowitz D, Portales-Casamar E, D'Souza C, Chopra V. **Publication #:** 20100081201 **Publication Date**: April 1, 2010

12. **US Patent 8,598,331 (issued December 3, 2013)** Title "CLDN5 Mini-Promoters". Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit. **Publication #:** 20110097803 **Publication Date**: April 28, 2011

13. **US Patent 8,383,803 (issued February 26, 2013)** entitled "PITX3 expression promoters**".** Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit. **Publication #:** 20100129903 **Publication Date**: May 27, 2010.

14. **US Patent 8,383,800 (issued February 26, 2013) entitled** "MK167 Mini-Promoters". Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit. **Publication #:** 20110136235 **Publication Date**: June 9, 2011.

15. **US Patent 7,897,744 (issued March 1, 2011)** entitled "SARS virus nucleotide and amino acid sequences and uses thereof". Inventors: Plummer; Frank, Feldmann; Heinz, Jones; Steven , Li; Yan, Bastien; Nathalie, Brunham; Robert Conrad, Brooks-Wilson; Angela, Holt; Robert, Upton; Christopher, Roper; Rachel, Astell; Caroline, **Jones; Steven**. **Publication #:** 20070258999 **Publication Date**: November 8, 2007

16. **US Patent 7,648,827 (issued January 19, 2010)** entitled "Use of eukaryotic genes affecting cell cycle control or cell cycle progression for diagnosis and treatment of proliferative diseases". Inventors: Echeverri; Christophe, Hyman; Anthony, Gonczy; Pierre, Sonnichsen; Birte, **Jones; Steven** , Walsh; Andrew, Koski; Liisa.

17. **US Patent 7,479,369 (issued January 20, 2009)** entitled "Use of eukaryotic genes affecting spindle formation or microtubule function during cell division for diagnosis and treatment of proliferative diseases" Inventors: Echeverri; Christophe, Hyman; Anthony, Gonczy; Pierre, Sonnichsen; Birte, **Jones; Steven** , Walsh; Andrew, Koski; Liisa. **Publication #:** 20070093438 **Publication Date**: April 26, 2007

18. **US Patent 7,368,248 (issued May 6, 2008)** entitled "Eukaryotic cell division genes and their use in diagnosis and treatment of proliferative diseases" Inventors: Echeverri; Christophe, Goenczy; Pierre, Hyman; Anthony, **Jones; Steven ,** Oegema; Karen , Kirkham; Matthew.

**Pending:**

19. **US Provisional patent application # 61/988,778 (pending)** filed May 5, 2014 entitled: "SLC6A4 Mini-Promoters." Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, de Leeuw Charles. **Publication #:** 20150315609 **Publication Date:** November 5, 2015

20. **United States Patent Application No. 14/252,624 (pending)** filed April 14, 2014 entitled: "Cholecystokinin B Receptor (CCKBR) Mini-Promoters." Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert

A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles. **Publication #:** 20140315987 **Publication Date**: October 23, 2014. **Publication #:** 20140256800 **Publication Date**: September 11, 2014

21. **United States Patent Application No. 14/195,290 (pending)** filed March 3, 2014 entitled "Fev Mini-Promoters". Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles. **Publication #**: 20140256800 **Publication Date:** September 11, 2014.

22. **US Provisional patent application # 61/879,047 (pending)** filed September 17, 2013 entitled "GPR88 Mini-Promoters". Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles. **Publication #:** 20150166636 **Publication Date:** Jne 18, 2015.

23. **US Provisional patent application # 61761940 (pending)** filed February 7, 2013 entitled "Compositions and Methods for Treatment of Prostate Cancer". Inventors: **Steven Jones**, Jianghong An, Marianne Sadar, Nasrin (Rina) Mawji and Amina Zoubeidi

24. **US Provisional patent application # 61/756,876 (pending)** filed January 25, 2013 entitled "DXC Mini-Promoters". Inventors: Simpson Elizabeth M, Wasserman Wyeth W, Holt Robert A, **Jones Steven J**, Goldowitz Daniel, Portales-Casamar Elodie, D'Souza Cletus, Chopra Vikramjit, de Leeuw Charles

25. **PCT International patent application # PCT/CA2012/050902 (pending)** filed on December 14, 2012 entitled "Mutations Indicative of Weaver Syndrome". Inventors: GIBSON, William T.; **JONES, Steven J. M.**

26. **PCT International patent application # PCT/CA2012/050767 (pending)** filed on October 26, 2012 entitled "Epigenetic Regulators and Uses Thereof". Inventors: Mungall, Andrew; Cheung, Pierre Yulmin, **Jones, Steven J.M.**, Yakovenko, Oleksandr, Thoene, Silvia.

27. **Canadian patent application # 2713848 (pending)** filed on February 4, 2009 entitled "Anti-Influenza Compounds" Inventors: **JONES, Steven, J**.; LAU, Allan, Sik-Yin; AN, Jianghong; LAW, Hing, Yee; LEE, Chun, Wai, Davy; POON, Lit, Man.

28. **European patent # EP1682573A2 (pending)** filed September 15, 2004 entitled "Use of eukaryotic genes affecting cell cycle control or cell cycle progression for diagnosis and treatment of proliferative diseases". Inventors: Echeverri; Christophe, Hyman; Anthony, Gonczy; Pierre, Sonnichsen; Birte, **Jones; Steven** , Walsh; Andrew, Koski; Liisa.

29. **European patent # EP1682663A2 (pending)** filed September 15, 2004 entitled "Use of eukaryotic genes affecting spindle formation or microtubule function during cell division for diagnosis and treatment of proliferative diseases". Inventors: Echeverri; Christophe, Hyman; Anthony, Gonczy; Pierre, Sonnichsen; Birte, **Jones; Steven** , Walsh; Andrew, Koski; Liisa.

30. **Canadian patent application #2523875 (pending)** filed on April 28, 2004 entitled "SARS virus nucleotide and amino acid sequences and uses thereof". Inventors: Plummer; Frank, Feldmann; Heinz, Jones; Steven , Li; Yan, Bastien; Nathalie, Brunham; Robert Conrad, Brooks-Wilson; Angela, Holt; Robert, Upton; Christopher, Roper; Rachel, Astell; Caroline, **Jones; Steven**.

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562. **Jones SJM**. An update and lessons from whole genome sequencing projects. **Current Opinions in Genetics and Development.** 1995 Jun 5:349-353. PMID: 7549430

## NON-PEER REVIEWED PUBLICATIONS: TOTAL 2

1. Paulin LF, Fan J, O'Neill K, Pleasance E, Porter VL, **Jones SJM**, Sedlazeck FJ. The benefit of a complete reference genome for cancer structural variant analysis. **medRxiv** [Preprint]. 2024 Mar 18:2024. 03.15.24304369. doi:10.1101/2024.03.15.24304369. PMID: 38562786
2. Porter VL, O'Neill K, MacLennan S, Corbett RD, Ng M, Culibrk L, Hamadeh Z, Iden M, Schmidt R, Tsaih SW, Chang G, Fan J, Nip KM, Akbari V, Chan SK, Hopkins J, Moore RA, Chuah E, Mungall KL, Mungall AJ, Birol I, **Jones SJM**, Rader JS, Marra MA. Genomic structures and regulation patterns at HPV integration sites in cervical cancer. **bioRxiv [Preprint-not yet peer reviewed by a journal]**. 2023 Nov 5:2023. PMID: 37961641

## INVITED PRESENTATIONS: TOTAL 172

1. Frontiers in Cancer Science 2024 Conference. November 13-15, 2024. Singapore. Invited speaker: Long read sequencing to characterize human cancers and their epigenomes.
2. POET (Precision Oncology Experimental Therapeutics) 2024 Congress. November 7-8, 2024. Calgary, AB. Invited Speaker: Long read sequencing to characterize human cancers and their epigenomes.
3. What You're Missing Matters (WYMM) Tour in Toronto. October 16, 2024. Toronto, ON. Invited Speaker: Characterising human cancers and their epigenomes using nanopore long read sequencing.
4. BioNet 2024. March 26-27, 2024. Banff, AB. Title: Long reads, phasing and epigenomics.
5. Nanopore Day. February 14, 2024. Seattle, WA. Invited Speaker. Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.
6. Canadian Epigenetics, Environment and Health Research Consortium (CEEHRC) 9th Canadian Conference on Epigenetics. November 15, 2023, Banff, Alberta. Invited Speaker: Title: Epigenomics in aiding hereditary cancer predisposition and more.
7. Oxford Nanopore Technologies Webinar. November 9, 2023, Virtual. Invited Speaker: Title: Nanopore Sequencing: Driving Research Insights from Neonatal Intensive Care to Cancer.
8. 20th ICGC/ 7th ICGC-ARGO Scientific Workshop. November 9, 2023, Roosevelt Island, New York. Invited Speaker: Title: Nanopore Sequencing for Personalised OncoGenomics.
9. Nanopore Day. October 26, 2023. Toronto, Ontario. Invited Speaker: Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.
10. POET 2023 Congress (Precision Oncology Experimental Therapeutics). October 12, 2023, Calgary,

Alberta. Invited Speaker: Title: Machine Learning to Accelerate Clinical Interference.

11. The Centre for Applied Genomics 25th Anniversary Symposium. September 19, 2023, Toronto, Ontario. Invited Speaker: Title: Using genomics to explore the mutational landscape of cancer.

12. Rwanda Military Hospital. September 7, 2023, Kigali, Rwanda. Invited Guest Speaker: Title: Genomic Sequencing - Insights from Neonatal Intensive Care to Cancer.

13. 3rd Annual BioNet Conference. June 1, 2023, Edmonton, Alberta. Invited Keynote Speaker: Title: Studying Genomes when the Epigenome comes along for the ride.

14. Nanopore Day. April 11, 2023, Chicago, Illinois. Invited Guest Speaker: Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.

15. Academic and Research Opportunities Rounds. March 24, 2023, Vancouver, British Columbia. Invited Speaker: Bioinformatics resources and research at UBC.

16. Nanopore Day. March 21, 2023, Vancouver, British Columbia. Invited Speaker: Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.

17. Oxford Nanopore Population Scale Genomics Summit in Singapore, November 16, 2022, Singapore. Invited Keynote Speaker: Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.

18. TFRI's 9th Scientific Meeting, BC2C Plenary Session. November 4, 2022, Vancouver, British Columbia. Invited Speaker: Title: Precision Medicine Initiatives at the BC2C.

19. Presentation to Genome BC Board of Directors, September 23, 2022, Vancouver, British Columbia. Invited Guest Speaker: Title: The Canadian BioGenome Project.

20. 2nd Annual BioNet Conference. May 27, 2022, Calgary, Alberta. Invited Keynote Speaker: Title: Adventures in Long-read sequencing.

21. Genome BC Genomics Forum 2022. May 12, 2022, (Virtual) Vancouver, British Columbia. Invited Speaker: Title: Biodiversity: The Key to the Future of Humanity.

22. Oxford Nanopore Technologies North America National Sales Meeting, April 6, 2022, Orlando, Florida. Invited Speaker: Title: Nanopore sequencing – From neonatal intensive care to cancer.

23. pHioniC Consortium Meeting (Virtual), January 28 2022, Debrecen, Hungary. Invited Speaker: Title: Big data and bioinformatic approaches to precision medicine in Cancer.

24. 15th Annual International Congerence on Genomics (Virtual) (ICG-15), October 25 2020, Wuhan, China. Invited Speaker: Title: Using genomics and transcriptomics to develop a platform for precision medicine in oncology.

25. POET (Precision Oncology Experimental Therapeutics) Virtual Conference, October 23 2020. Invited Speaker: Title: Canadian NGS programs supporting access to profiling and clinical decision making.

26. MGI Canada Virtual Symposium — CoolMPS, DNBSEQ, and more, June 3, 2020. Invited Speaker: Title: Initial experiences in using the DNBSEQ™ platform for cancer research.

27. UBC FoM and BC Centre for Disease Control, Virtual BC COVID-19 Symposium, April 9, 2020. Invited Speaker: Title: Germline analysis of COVID-19 infected hosts.

28. AGBT Annual General Meeting. Marco Island, FL. February 24 2020. Invited Speaker: Title: Initial experiences in using the DNBSEQ™ platform for cancer research.

29. Canadian Diagnostic Executive Forum, Toronto, Ontario, October 25 2019. Invited Speaker: Title: Precision Medicine: A research program firmly entrenched in cancer genomics to understand the mutational landscape of cancer.

30. Alberta Bioinformatics Network, Lethbridge, Alberta, September 21 2019. **Keynote Speaker**: Title: Computationally analysing the tumour cell – the basis of precision oncology.

31. The G10K-VGP/EBP Meeting, New York City, NY, August 30 2019. Invited Speaker: Title: The CanSeq150 project

32. Manchester Cancer Research Centre: Phase 1: Where Science becomes Medicine MCRC/ECME Conference, Manchester, UK July 15, 2019. Invited Speaker. Title: Using genomics and transcriptomics to develop precision medicine in oncology in British Columbia.

33. Precision Oncology Experimental Therapeutics (POET) Conference, Calgary, Alberta April 5 2019. Invited Speaker. Title: Marathon of Hope Initiative.

34. RiboWest Conference, University of Lethbridge, Alberta June 10, 2018. **Keynote Speaker:** Title: Using genomics and transcriptomics to develop a platform for precision medicine in oncology.

35. Precision Oncology Experimental Therapeutics (POET), Calgary, Alberta April 6, 2018. **Keynote Speaker:** Title: Precision medicine as a platform for big-data studies.

36. Michael Smith Laboratory Seminar Series, University of British Columbia, Vancouver, BC. March 21, 2018. Invited Speaker. Title: Bioinformatically interrogating tumour genomes in real-time

37. Canadian Institute for Advanced Research (CIFAR) Genetics Networks Program, Toronto, Ontario, November 9-10, 2017. Invited Speaker. Title: Interrogating the genetics of cancer for real-time therapeutic insights.

38. Livestock Gentec Conference: One Genome, One Health: Our Animals, the Environment and Us, Edmonton, Alberta, October 17-18, 2017. Invited Speaker. Title: The Role of Genomics in Precision Health Care.

39. Acuitas Science Day, University of British Columbia, Vancouver, BC. September 18, 2017. Invited Speaker. Title: The application of Genomics in Cancer treatment.

40. Cancer Genomics Canadian Bioinformatics Workshop, Toronto, ON. June 2, 2017. **Keynote Speaker**. Title: Precision Oncogenomics.

41. Princess Margaret Cancer Centre Seminar Series, Toronto, ON. May 19, 2017. Invited Speaker. Title: Predicting Drug Sensitivities from Cancer Genomes.

42. Health Genomic seminar series Dalhousie Unviersity, Halifax, Nova Scotia. January 18, 2017. **Keynote Speaker.** Title: Genome sequencing for the improvement of cancer diagnosis and treatment.

43. Functional Genomics and Beyond Symposium:“Nature Via Nurture”, Qatar National Convetion Centre, Doha, Qatar. December 13, 2016. Invited Distinguished Speaker. Title: Genomic Analysis to Personalize Cancer Treatment.

44. Terry Fox Research Institute Sumposium, Toronto, Ontario. December 5, 2016. Invited Speaker. Title: Genomic Analysis within the clinic for improved therapeutic choice.

45. Molecular & Cellular Biology Retreat, Ohio University, Athens, Ohio. November 20, 2016. Invited Lecturer. Title: Can we improve cancer outcomes through real time genomics and bioinformatics.

46. Molecular Biology and Biochemistry, Human Genetics, Simon Fraser University, BC. October 28, 2016. Invited Lecturer. Title: Next generation DNA sequencing .

47. Global Alliance for Genomics and Health (GA4GH), Vancouver, BC. October 18, 2016. Invited Speaker. Title: A Systemic Approach to Data Sharing in Translational Medicine.

48. Graph Genome Day, London, UK. September 27, 2016. Invited Speaker. Title: Mutational Tracking through Multiple Biopsies.

49. 16th International Union of Biochemistry and Molecular Biology (IUBMB) Conference, Vancouver, BC. July 18, 2016. Invited Speaker: Plenary Session. Title: Genomic Analysis for Personalized Medicine.

50. Summit for Cancer Immunotherapy Conference, Halifax, Nova Scotia. June 27, 2016. Invited Speaker. Title: Identifying Novel Mutations and Proteins in Treatment Resistant Human Cancers.

51. 1st Canadian Computational Biology Conference, Toronto, Ontario. May 15-19, 2016. **Keynote Speaker**. Title: Genomic analysis of cancer genomes to aid in clinical decision making

52. Rendez-Vous Genome Quebec Meeting, Montreal Quebec. December 4, 2015. **Keynote Speaker**. Title: Genomic Analysis to Personalize Cancer Treatment.

53. Taiwan-Canada Frontier Translational Medicine workshop, National Cheng Kung University, Tainan, Taiwan. November 23, 2015. Invited Speaker. Title: Personalized Cancer Genomics.

54. Canadian Cancer Research Conference, Montreal, Canada. November 9, 2015. Invited Speaker. Title: Bioinformatic analysis of tumour genomes for real-time clinical evaluation.

55. Illumina International Summit on Population and Medical Genomics, St. Andrew's, Scotland. June 3, 2015. Invited Speaker: Title: Using whole genome sequencing for personalized cancer treatment.

56. Society for Industrial and Applied Mathmatics (SIAM), Vancouver, BC. April 30, 2015. **Keynote Speaker**: Title: Analysis of Cancer Genomes to Aid the Therapeutic Choice.

57. Taiwan-Canada Joint Health Initiative, Vancouver, BC. April 21, 2015. Invited Speaker. Title: Production epigenomic data processing.

58. Alberta Epigenetics Network Annual Summit, Banff, Alberta. March 30th, 2015. **Keynote Speaker**. Title: Identifying novel therapeutic approaches in cancer through epigenomics.

59. First International Weaver Syndrome Conference, Vancouver, BC. November 9, 2014. Invited Speaker. Title: Epigenomics and Cancer.

60. Lady Davis Institute for Medical Research, Montreal, QC. November 5, 2014. Invited Speaker. Title: Genotype specific approaches to cancer therapy.

61. Molecular Biology & Biochemistry, Simon Fraser University, Vancouver, BC. October 24, 2014. Invited Speaker. Title: A Personalized approach to cancer therapy.

62. Chinese University of Hong Kong, China. May 22, 2014. Invited Speaker. Title: Cancer Genomics to aid in clinical decision making.

63. Canada Office, Osaka Chamber of Commerce & Industry, Osaka, Japan. December 6, 2013. **Keynote Speaker**. Title: Sequencing Cancer Genomes to Determine Optimum Therapeutic Approaches.

64. Embassy of Canada, Tokyo, Japan. December 4, 2013. **Keynote Speaker**: Title: Sequencing Cancer Genomes to Determine Optimum Therapeutic Approaches.

65. International Human Epigenome Consortium Annual Meeting & Science Days, Berlin, Germany. November 12, 2013. Invited Speaker. Title: Computational Approaches to Aid and Exploit Epigenomic Information.

66. 2nd EMBL Conference on Cancer Genomics, Heidelberg, Germany. November 3, 2013. Invited Speaker. Title: Cancer Genomcis to aid in clinical decision making.

67. Ohlson Lecutre, University of Calgary, Calgary, Alberta. October 25, 2013. Invited Lecturer. Title: Sequencing cancer genomes for clinical decision making.

68. Simon Fraser University, Molecular Biology and Biochemistry (MBB 435-Genome Biology), Vancouver, BC. June 25, 2013. Invited Lecturer. Title: Next-generation DNA sequencing.

69. 3rd Annual Scientific Summit, New Orleans, Louisianna. June 4, 2013. Invited Speaker. Title: Utilizing complete genome sequencing to inform clinical decision making in oncology.

70. University of British Columbia, Medical Genetics Seminar Series, Vancouver, BC. May 10, 2013. Invited Speaker. Title: Exploiting epigenomic mechanisms in human cancer.

71. 12th International Symposium on Mutation in the Genome, Lake Louise, Banff, Alberta. April 24, 2013. Invited Speaker. Title: Detection of somatic tumour mutations to inform therapeutic decision-making in patients with advanced malignancies.

72. Australia Wine Research Institute, Adelaide, Australia. October 19, 2012. Invited Speaker. Title: Using Next-generation sequencing to explore mammalian sized genomes and transcriptomes.

73. McGill University, Montreal, Quebec. July 5, 2012. Invited Speaker. Title: Using Cancer Genomes to Identify Novel Therapeutic Approaches.

74. Computational Biology Symposium, University of Florida, Gainesville. April 2012. Invited Speaker. Title: Genomic Approaches to Characterize Human Tumours and Develop Potential Therapies.

75. Ontario Cancer Institute, Princess Margaret Hospital, Toronto, Ontario. February 2012. Invited Speaker. Title: Genomics for Personalized Medicine in Cancer.

76. Ontario Cancer Institute, Princess Margaret Hospital, Toronto, Ontario. February 2012. Invited Speaker: Title: Genomic characterization of human tumours and clues for potential therapies.

77. Canadian Cancer Research Conference, Toronto, Ontario. November 2011. Invited Speaker. Title: Using Next-generation sequencing to identify recurrent mutational events in human cancers

78. 3rd Annual Next-generation Sequencing Congress, London, UK. November 2011. Invited Speaker. Title: Using Next Generation Sequencing to identify recurrent mutational events in human cancers

79. BC Cancer Agency Research Seminar Series, Vancouver, BC. October 2011. Invited Speaker. Title: Computational approaches to characterize human tumours and develop potential therapies.

80. Insitute for Pure and Applied Mathematics: Next Generation Sequencing Workshop. UCLA, Los Angeles, CA. October 2011. Invited Speaker. Title: Identification of Recurrent Mutational Events in Human Cancer.

81. CIHR Personalized Medicine: Metabolic Disruption and Disease Scientific Workshop, Luxembourg, Luxembourg. September 2011. Invited Speaker. Title: Bioinformatics for Personalized Medicine in Cancer.

82. National Microbiology Laboratory, Winnipeg, Manitoba. September 2011. Invited Speaker. Title: Genomic Sequencing of Human Cancers.

83. Illumina Seminar Series, San Diego, CA. June 2011. Invited Speaker. Title: Evolution of an adenocarcinoma in response to selection by targeted kinase inhibitors.

84. Genome Informatics Alliance Meeting, Verona Italy. June 2011. Invited Speaker. Title: Annotation, Analysis and Visualization of Cancer Diagnosis.

85. BC Cancer Agency Clinician-Scientist Retreat, 'Bridging the Bench to the Bedside', Vancouver, BC. May 2011. Invited Speaker. Title: Specific Targeting of IDH1 mutations.

86. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY. April 2011. Invited Speaker. Title: Identifying oncogenically relevant events in human cancers.

87. 9th Asia Pacific Bioinformatics Conference, Seoul, South Korea, January 2011. **Keynote Speaker**. Title: Bioinformatics and Cancer Genomics.

88. Antibody Engineering Conference, San Diego, CA, December 2010. Invited Speaker. Title: Current and Emerging Technologies for Sequencing and Informatics/Data Handling.

89. Genome Biology: Beyond the Genome, Boston, MA, USA. October 2010. Invited Speaker. Title: Personalized Oncogenomics.

90. Centre for Genetic Medicine, Northwestern University, Chicago, IL, USA. September 29, 2010. Invited Speaker. Title: Analyzing cancer genomes with next-generation sequencing approaches.

91. Genomics Automation Congress, Boston, MA, USA. May 7, 2010. Invited Speaker. Title: Genomic Sequencing of Human Cancer.

92. 3rd Annual Canadian Human Genetics Conference, Saint Sauveur, Quebec. April 19, 2010. Invited Speaker. Title: Complete Genome Sequencing to identify oncogenic mutations.

93. Kentucky Biomedical Research Infrastructure Network, Bioinformatics Summit, Lake Barkley State Park, Cadiz, Kentucky. March 19, 2010. Invited Speaker. Title: Genomic Analysis of a Rare Human Tumour.

94. Genome BC Winter Symposium, Vancouver, BC, January 19, 2010. Invited Speaker. Title: DNA Technologies and translational research.

95. Deeley Research Centre, Victoria, BC, January 5, 2010. Invited Speaker. Title: Next generation sequencing and cancer genomics.

96. Bioinformatics Australia (BA-2009), Melbourne, Australia, October 29, 2009. **Keynote Speaker**. Title: Bioinformatics for Personalized onco-genomics.

97. Translational Research Excellence (TRX09) Brisbane, Australia, October 23, 2009. Invited Speaker. Title: Genomic and Bioinformatic Approaches for Personalized Medicine in Cancer.

98. Illumina Expert Sequencing Panel, Seattle, Washington, October 15, 2009. Invited Speaker. Title: De novo Trascriptome Assembly.

99. Analytical & Life Science Systems Association (ALSSA) 2009 Senior Management Conference, Laguna Beach, CA. October 5, 2009. Invited Speaker. Title: Sequencing in Cancer Diagnosis and Treatment.

100. University of Calgary, Clark H. Smith Brain Tumour Centre, Calgary, Alberta. April 27, 2009. Invited Speaker. Title: Massively parallel sequencing approaches for cancer research.

101. Simon Fraser University, Department of Biosciences, Evolutionary Genetics, Vancouver, BC. April 24, 2009. Invited Speaker. Title: Applications for massively parallel DNA sequencing technology.

102. Simon Fraser University, Medicinal Chemistry, Vancouver, BC. Jan. 22, 2009. Invited Lecturer. Title: Genomics, Virtual Screening and Drug Discovery

103. Simon Fraser University, Cancer Molecular Mechanisms, Vancouver, BC. Nov. 2008. Invited Lecturer. Title: Reading the Genome

104. Uppsala University, Uppsala Sweden. Oct. 2008. Invited Lecturer. Title: Using ChIP-Seq to Understand Gene Regulatory Control.

105. Peter MacCallum Cancer Centre Symposium, Melbourne, Australia. Oct. 2008. Invited Speaker. Title: Histone Modification and Genetic Regulatory Control.

106. 4$^{th}$ Barbados Workshop on computational gene regulation: genetic variation and gene regulation. Bellairs Research Institute. April 2008. Platform Speaker. Title: Correlation of Chromatin Modification and Genetic Regulation.

107. Department of Molecular Biology and Biochemistry, Simon Fraser University. Feb. 2008. Invited Speaker. Title: Application of next generation sequencing in regulatory element detection and transdriptome analysis.

108. Michael Smith Laboratories, University of British Columbia, Vancouver. Feb. 2008. Invited Speaker. Title: The Chipping news and other applications for the next generation of DNA sequencing machines.

109. Canadian-Taiwan Symposium (CCAPSC) Vancouver, BC. Oct. 2007. Invited Speaker. Title: Next Generation DNA Sequencing.

110. Tsinghua University, Beijing, China. May 2007. Invited Speaker. Title: Massively parallel sequencing approaches for the determination of histone modifications and transcription factor binding sites.

111. 16$^{th}$ International Congress of Cytology. Vancouver, BC. May 2007. Invited Speaker. Title: Determining genomic changes through Bioinformatics.

112. AGBT Conference, Marco Island, Florida. Feb. 2007. Invited Speaker. Title: Massively Parallel Sequencing-By-Synthesis for Detection of Genetic Aberrations in Human Cancer.

113. Monsanto, St. Louis, Missouri. Dec. 2006. Invited Speaker. Title: High-throughput computational identification of gene regulatory elements.

114. Genomics Mini Symposium, Simon Fraser University, Vancouver, BC. Dec. 2006. Invited Speaker. Title: Bioinformatics at the Genome Sciences Centre

115. Department of Biology, University of Victoria. Victoria, BC. January 2006. Invited Speaker. Title: Identifying gene regulatory control elements on a genome-wide scale.

116. Biotechnology Research Institue (BRI). Montreal, QU. September 2005. Invited speaker. Title: Identifying gene regulatory control elements on a genome-wide scale

117. European Molecular Biology Laboratory (EMBL), European Bioinformatics Institute. Hinxton, UK. July 2005. Invited speaker. Title: High-throughput approaches to the detection regulatory elements.

118. Simon Fraser University, Computing Science & Molecular Biology departments. Burnaby, BC. April 2005. Invited speaker. Title: High throughput approaches to detecting regulatory control elements on a genome-wide scale.

119. Genome BC Genomics Forum 2005. Vancouver, BC. April 2005. Invited speaker. Title: High Throughput of Regulatory Elements in Mammalian Genomes.

120. World Microarray Congress 2005. Vancouver, BC. March 2005. Invited speaker. Title: Using gene expression data and orthology to detect cis-regulatory elements across mammalian genomes.

121. 2005 AGBT Meeting. Marco Island, FL. February 2005. Plenary speaker. Title: A High-Throughput Approach for cis-Regulatory Elements Detection Across Mammalian Genomics.

122. BC Cancer Research Centre, Monday Noon Seminar Series. Vancouver, BC. February 2005. Invited speaker. Title: Identifying gene regulatory control elements on a genome-wide scale.

123. Genome Canada: National Genomics and Proteomics Symposium. Vancouver, BC. November 2004. Invited speaker. Title: Bioinformatics for high-throughput sequencing at the Genome Sciences Centre (GSC) and UBC Bioinformatics Centre (UBiC), Vancouver.

124. ENCODE Consortium meeting. Cold Spring Harbour Laboratory, NY. November 2004. Invited speaker. Title: Fingerprint Contig assembly for ENCODE regions.

125. Identification of Functional Elements in Mammalian Genomes. Cold Spring Harbor Laboratory, NY. November 2004. Platform speaker. Title: A high-throughout approach for cis-regulatory element detection across entire mammalian genomes.

126. New England Bioloabs seminar. Boston, MA. October 2004. Invited speaker. Title: Serial Analysis of Gene Expression in C. elegans.

127. Cold Spring Harbor Laboratory/Wellcome Trust Conference: Genome Informatics. Hinxton, UK. September, 2004. Platform speaker. Title: A high-throughout approach for cis-regulatory element detection across entire mammalian genomes.

128. BC Cancer Agency, 20th Annual Residents' Radiobiology Course. Vancouver, BC. June 2004. Invited lecturer. Title: Gene discovery with a view to therapy.

129. 21st Annual Meeting of the Society for Computer Applications in Radiobiology. Vancouver, BC. May 2004. Platform Speaker. Title: Open Source Software in Medicine.

130. 2nd Annual Gene Expression Conference. Vancouver, BC. March 2004. Invited speaker. Title: Integrated Approaches to regulatory element detection using the Sockeye Platform.

131. Finding the Functional Elements of the Genome. Banbury Centre Cold Spring Harbor Laboratory, NY. March 2004. Invited Speaker. Title: Integrated Approaches to regulatory element detection using the Sockeye Platform.

132. 1st Canadian Plant Genomics Workshop. Saskatoon, SK. August 2003. **Keynote Speaker**. Title: Integrated genomic approaches to interpreting gene expression data.

133. 1st Canadian Gene Expression Conference. Vancouver, BC. March 2003. Invited speaker. Title: Serial Analysis of Gene Expression in Cancer Research.

134. iCAPTURE Centre, McDonald Research Laboratories Seminar Series. Vancouver, BC. March 2003. Invited speaker. Title: Cancer Bioinformatics.

135. Automation in DNA Mapping and Sequencing, Advances in Genome Biology & Technology Conference. Marco Island, FL. February 2003. Plenary speaker. Title: High-throughput serial analysis of gene expression profiling of cancers.

136. Frontiers in Cardiovascular Science 2003. Vancouver, BC. February 2003. Invited speaker. Title: Bioinformatics in dissecting human pathogenesis: Now and over the horizon.

137. Vancouver Bioinformatics User Group (VanBUG). Vancouver, BC. December 2002. Invited speaker. Title: Bioinformatic approaches to the study of cancer.

138. New Frontiers: Italian/Canadian Genomic Population Genetics and Bioinformatic Collaborations. Montreal, PQ. December 2002. Invited speaker. Title: Cancer bioinformatics.

139. BioFuture 2002, Advancing Our Double Helix World Conference. Vancouver, BC. November 2002. Invited speaker. Title: Cancer bioinformatics.

140. BioNorth 2002. Ottawa, ON. November 2002. Invited speaker. Title: Cancer genomics.

141. Stem Cell Network Annual General Meeting. Mississauga, ON. September 2002. Invited speaker. Bioinformatics and gene expression.

142. The Pacific North-West Cell Signaling Conference. Vancouver, BC. September 2002. Invited speaker. Bioinformatics and cancer research.

143. National Research Council, Genomics Health Initiatives Annual General Meeting. Ottawa, ON. August 2002. Invited speaker. Bioinformatics of Gene Expression.

144. Canadian Laboratory Medicine Congress – Together Towards Excellence. Calgary, AB. May 2002. Invited speaker. Gene expression changes in cancer diagnosis and prognosis.

145. Molecular Biology & Biochemistry, Simon Fraser University. Burnaby, BC. April 2002. Invited speaker. Bioinformatics at the Genome Sciences Centre.

146. University of British Columbia, Statistics Department. Vancouver, BC. March 2002. Invited speaker. Identification of genes expressed in early-stage lung cancers.

147. Mentors' Network Meeting, University of British Columbia. Vancouver, BC. December 2001. Invited speaker. The CIHR Bioinformatics Training Program.

148. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2001. Invited speaker. Bioinformatic approaches for lung expression analysis.

149. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2001. Invited speaker. Bioinformatics of Cancer Genomics.

150. BCNet Annual General Meeting. Vancouver, BC. September 2001. Invited speaker. Bioinformatics, Genomics and the Internet.

151. StemNet National Centre of Excellence. Toronto, ON. September 2001. Invited speaker. SAGE at the BC Cancer Agency Genome Sequence Centre.

152. Cold Spring Harbor Laboratory/Wellcome Trust Conference, Genome Informatics. Hinxton, UK. August 2001. Invited speaker: Bioinformatic approaches for SAGE expression analysis.

153. BC Cancer Research Centre, Cancer Genomics seminar. Vancouver, BC. July 2001. Invited speaker. Biological inference and SAGE expression data.

154. University of California San Francisco Cancer Center. February 2001. Invited Speaker. Expression profiling using Serial Analysis of Gene Expression (SAGE) in model organisms and humans.

155. Molecular Helminthology: An Integrated Approach. Taos, NM. January 2001. Invited Speaker. Functional Genomes and C. elegans.

156. Computer Science Department, University of Saskatoon. Saskatoon, SK. January 2001. Invited speaker. Bioinformatics for Physical Mapping and DNA sequencing.

157. National Research Council, Saskatoon. Saskatoon, SK. January 2001. Invited speaker. Expression Profiling in Model Organisms.

158. Annual BC Cancer Agency Clinical Cancer Conference. Vancouver, BC. November 2000. Invited Speaker. Bioinformatics at the Genome Sequence Centre.

159. The First Canadian Working Conference on Computational Biology – CCCB 2000. Toronto, ON. November 2000. Platform Presentation. Expression Analysis Using SAGE Data.

160. First Canadian Lung Cancer Research Workshop, Princess Margaret Hospital. Toronto, ON. June 2000. Invited Speaker. Studying gene expression profiling in a model organism.

161. 5th Annual International Human Genome Meeting. Vancouver, BC. April 2000. Platform presentation. Pathogenomics: Bioinformatic approaches to determine host and pathogen molecular interactions.

162. North Carolina State University Genomics Symposium. April 2000. Invited Speaker. The informational content of the C.elegans genome and its exploitation.

163. University of British Columbia, Computer Science Department. March 2000. Invited Speaker. The Organization of Genetic Information in the C.elegans Genome.

164. Vancouver Linux Users Group (VanLUG) Spring Seminars. January 2000. Invited Speaker. Linux at the BC Genome Sequence Centre.

165. Simon Fraser University, Biostat Seminar Series. January 2000. Invited Speaker. Bioinformatics in the Genome Sequence Centre and beyond.

166. Centre for Molecular Medicine and Therapeutics, University of British Columbia. September 1999. Invited Speaker. Computational analysis of the C. elegans Genome.

167. University of British Columbia Graduate Student Society. August 1999. Invited Speaker. Interpreting our Inheritance.

168. Genome Analysis: Strategies, Medical and Industrial Applications. Jena, Germany. September 1997. **Jones S**. Platform Presentation. The C. elegans genome: towards completion.

169. Parasitic Helminths from Genomes to Vaccines. Edinburgh, Scotland. September 1997. Invited Speaker. Keynote lecture. The C. elegans genome:From sequence to Biology.

170. Genome Sequencing and Mapping. Cold Spring Harbor 1997. **Jones S**. Platform Presentation. The C. elegans genome sequencing project.

171. Tenovus Scotland: Eukaryotic Gene Biology. Glasgow 1997. **Jones S**. Platform presentation. The C. elegans genome sequencing project.

172. 6th International workshop on the identification of transcribed sequences. Edinburgh, Scotland. October 1996. Platform Presentation. Gene Prediction in the C. elegans genomic sequencing project.

## ABSTRACTS AND POSTERS: TOTAL 614

1. 8th International Meeting of the Psychosocial Aspects of Hereditary Cancer (IMPAHC). New South Wales, Australia. Aug 25 – 26, 2025. Cordova L, Akbari V, Leung T, Dixon K, O'Neill K, Hanlon V, Roston AT, Cheung E, Wong K, Sharma A, Shen Y, Senz J, Wang Y, Chan D, Fok A, Cremin C, Nuk J, Bedard A, O'Loughlin M, Inglis A, Mindlin A, Shickh S, Asrat M-J, Kahnamelli A, Hong Q, Bilobram S, Chan S, Coope R, Chuah E, Lee H-W, Zhao YJ, Bala M, Mungall K, Mungall A, Moore R, Lefebvre L, Bernard B, Regier D, Virani A, Feldman F, Laskin J, Marra MA, Schaeffer D, Renouf D, Sun S, Yip S, Lansdorp L, **Jones S**, Schrader KA. Refining Genetic Risk: Concordant Parent-of-Origin Predictions for Hereditary Cancer with Proband-Only Analysis.

2. London Calling 2025. London, UK. May 20-23, 2025. Porter VL, Ng M, O'Neill K, MacLennan S, Corbett RD, Culibrk L, Hamadeh Z, Iden M, Schmidt M, Tsaih S-W, Nakisige C, Origa M, Orem J, Chang G, Fan J, Nip KM, Akbari V, Chan SK, Hopkins J, Moore RA, Chuah E, Mungall KL, Mungall AJ, Birol AJ, **Jones SJM**, Rader JS, Marra MA. Dysregulation of viral and human genomes at HPV integration events.

3. London Calling 2025. London, UK. May 20-23, 2025. Csizmok V, Galbraith A, Dupuis J, O'Neill K, Akbari V, Pleasance E, Frey C, Abacan M, McConechy M, Laskin J, Marra M, **Jones SJM**. Analysis of promoter

methylation reveals novel driver alterations, treatment responses, and resistance mechanisms in long-read sequenced advanced cancer patients.

4. The Tenth International Symposium on Hereditary and Ovarian Cancer. Montreal, QC. May 6-9, 2025. Cremin C, Akbari V, Cordova L, Leung T, Dixon K, O'Neill K, Hanlon V, Roston AT, Cheung E, Wong K, Sharma A, Shen Y, Senz J, Wang Y, Chan D, Fok A, Nuk J, Bedard A, Oloughlin M, Inglis A, Mindlin A, Shickh S, Asrat M-J, Kahnamelli A, Hong Q, Bilobram S, Chan S, Coope R, Chuah E, Lee H-W, Zhao YJ, Bala M, Mungall K, Mungall A, Moore R, Lefebvre L, Regier D, Virani A, Feldman F, Marra M, Schaeffer D, Renouf D, Sun S, Yip S, Lansdorp P, **Jones S**, Schrader KA. Parent-of-Origin Prediction of Pathogenic Variant Segregation with Parental Pancreatic Cancer Using Proband-Only Blood Samples. **Poster.**

5. BCRA 2025 Symposium. Montreal, QC. May 6-9, 2025. Roston AT, Akbari V, Leung T, Dixon K, O'Neill K, Hanlon V, Cordova L , Wong K, Sharma A, Cheung E, Shen Y, Senz J, Wang Y, Chan D, Fok A, Cremin C, Nuk J, O'Loughlin1 M, Bedard A, Inglis A, Mindlin A, Shickh S, Asrat M-J, Kahnameli A, Hong Q, Bilobram S, Chan S, Coope R, Chuah E, Lee H-W, Zhao YJ, Bala M, Mungall K, Mungall A, Moore R, Regier D, Virani A, Lefebvre L, Feldman F, Marra M, Schaeffer D, Renouf D, Sun S, Yip S, Bernard B, Lansdorp P, J**ones S**, Schrader KA. Parent-of-Origin-Aware Genomic Analysis and Supported Direct Contact: A Focus on Patients with Male Breast Cancer. **Poster.**

6. Digestive Disease Week. San Diego, CA. May 3-6, 2025. Cremin C, Akbari V, Cordova1 L, Leung T, Dixon K, O'Neill K, Hanlon V, Roston AT, Cheung E, Wong K, Sharma A, Shen Y, Senz J, Wang, Chan D, Fok A, Nuk J, Bedard A, Oloughlin M, Inglis A, Mindlin A, Shickh S, Asrat M-J, Kahnamelli A, Hong Q, Bilobram S, Chan S, Coope R, Chuah E, Lee H-W, Zhao YJ, Bala M, Mungall K, Mungall A, Moore R, Lefebvre L, Regier D, Virani A, Feldman F, Marra M, Schaeffer D, Renouf D, Sun S, Yip S, Lansdorp P, **Jones S**, Schrader KA. Parent-of-Origin Prediction of Pathogenic Variant Segregation with Parental Pancreatic Cancer Using Proband-Only Blood Samples**. Poster.**

7. BC Cancer Summit 2024. Vancouver, BC. Nov 21-23, 2024. Parent-of-origin-aware genome analysis of hereditary cancer patients for parent-of-origin assignment to pathogenic variants without parental data. Vahid Akbari, Lilian Cordova, Tiffany Leung, Katherine Dixon, Kieran O'Neill, Vincent Hanlon, Alexandra T Roston, Karen Wong, Alshanee Sharma, Eugene Cheung, Yaoqing Shen, Janine Senz, Yanni Wang, Daniel Chan, Alexandra Fok, Jennifer Nuk, Quan Hong, Steve Bilobram, Robin Coope, Eric Chuah, Simon Chan, Hyun-Wu Lee, Yongjun Zhao, Miruna Bala, Karen Mungall, Andrew Mungall, Richard Moore, Dean Regier, Alice Virani, Louis Lefebvre, Fabio Feldman, Marco Marra, Sophie Sun, Stephen Yip, Peter Lansdorp, **Steven Jones**, Kasmintan Schrader**. Poster presentation**.

8. BC Cancer Summit 2024. Vancouver, BC. Nov 21-23, 2024. Parent-of-Origin-Aware Genomic Analysis and Hereditary Cancer: Ethical Considerations of an Emerging Genetic Testing Modality. Alexandra Roston, Jennifer Nuk, Dr. Sophie Sun, **Dr. Steven JM Jones**, Dr. Peter M Lansdorp, Dr. Dean A Regier, Dr. Alice Virani, Dr. Kasmintan A Schrader. **Poster.**

9. International Papillomavirus Conference. Edinburgh, UK. Nov 12-15, 2024. Porter VL, O'Neill K, MacLennan S, Corbett R, Ng M, Culibrk L, Hamadeh Z, Iden M, Schmidt R,Tsaih SW, Nakisige C, Origa M, Orem J, Chang G, Fan J, Nip KM, Akbari V, Chan SK, Hopkins J, Moore RA. Chuah E, Mungall KL, Mungall AJ, Birol I, **Jones SJM**, Rader JS, Marra MA Rearrangements of viral and human genomes at human papillomavirus integration events and their allele-specific impacts on cancer genome regulation. **Poster presentation.**

10. EHA-SfPM Precision Medicine Meeting. Copenhagen, Denmark. Sep 25-27, 2024. Whole genome and transcriptome-assisted immune profiling of metastatic tumours: a precision medicine approach to immunotherapy trial design. Zakhar Krekhno, Kathleen Wee, Erin Pleasance, Emma Titmuss, Yaoqing Shen, Karen Mungall, Eric Chuah, Andrew Mungall, Melika Bonakdar, Greg Taylor, Veronika Csizmok,

Cameron J. Grisdale, Morgana Xu, John H. Dupuis, Melissa K. McConechy, Jessica Nelson, Stephen Yip, Sophie Sun, Howard Lim, Daniel Renouf, **Steven J.M. Jones,** Marco A Marra, Janessa Laskin. **Abstract, Presentation.**

11. Advances in Genome Biology and Techonoogy (AGBT) T Precision Health. Denver, Colorado. Sep 4-6, 2024. From Targeted Panels to Whole Genome Sequencing: Analytical Opportunities, Challenges, and Case Insights in Clinical Germline Disease Diagnosis. Xuanjin Cheng, Karen L. Mungall, Stephen Yip, **S.J.M. Jones. Abstract, Poster presentation.**

12. 23rd European Conference on Computational Biology. Turku, Finland. Sep 16-20, 2024. Enhancing Precision Cancer Treatment Options Using Combined Short- and Long-Read Sequencing Technologies. John H. Dupuis, Veronika Csizmok, Kieran O'Neill, Andrew Galbraith, Vahid Akbari, Kathleen Wee, Morgana Xu, Cameron J. Grisdale, Zakhar Krekhno, Yaoqing Shen, Greg A. Taylor, Alexandra K. Bohm, Erin Pleasance, Melissa K. McConechy, Jessica M.T. Nelson, Eric Chuah, Karen L. Mungall, Richard A. Moore, Andrew J. Mungall, Marco A. Marra, Janessa Laskin, **Steven J.M. Jones. Poster presentation.**

13. 15th Annual Meeting of the Cancer Genomics Consortium. St. Louis, MO. Aug 3-7, 2024. Enhancing precision oncology: the value of open-source knowledgebase integration. Cameron J. Grisdale, Erin Pleasance, Connor Frey, Caralyn Reisle, Laura M. Williamson, Veronika Csizmok, Kathleen Wee, Yaoqing Shen, Melika Bonakdar, Greg Taylor, Jing Xu, John H. Dupuis, Zakhar Krekhno, Asmita Jain, Melissa McConechy, Kilannin Krysiak, Jason Saliba, Arpad M. Danos, Adam C. Coffman, Susanna Kiwala, Joshua F. McMichael, Janessa Laskin, Malachi Griffith, Obi L. Griffith, **Steven J.M. Jones**. **Abstract, Oral presentation.**

14. ISMB 2024, July 12-16, 2024, Montreal, Canada. The Canadian Genomic Data Commons (CGDC): A Platform for National Genomic Data Sharing. Jordan Lerner-Ellis, Erika Frangione, Selina Casalino, Radhika Mahajan, Navneet Aujla, Lochana Jayachandran, Anthony Philippakis, Heidi Rehm, Marc Fiume, Vincent Ferretti, Yann Joly, Patrick Frosk, Sherryl Taylor, Kym Boycott, **Steven J.M. Jones**. **Oral presentation.**

15. BC Cancer Summit, November 16-18, 2023, Vancouver, BC. Benefits of integrating an open-source knowledgebase in a precision oncology workflow. Cameron J. Grisdale, Erin Pleasance, Connor Frey, Caralyn Reisle, Laura M. Williamson, Veronika Csizmok, Kathleen Wee, Yaoqing Shen, Melika Bonakdar, Greg Taylor, Kilannin Krysiak, Jason Saliba, Arpad M. Danos, Adam C. Coffman, Susanna Kiwala, Joshua F. McMichael, Janessa Laskin, Malachi Griffith, Obi L. Griffith, **Steven J.M. Jones. Poster presentation.**

16. BC Cancer Summit, November 16-18, 2023, Vancouver, BC. Immune profiling tools in whole genome and transcriptome analysis of metastatic tumours inform immunotherapy clinical trial design. Kathleen Wee, Erin Pleasance, Emma Titmuss, Laura Williamson, Yaoqing Shen, Karen Mungall, Eric Chuah, Andrew Mungall, Melika Bonakdar, Greg Taylor, Veronika Csizmok, Cameron J Grisdale, Melissa McConechy, Jing Xu, John H Dupuis, Richard D Corbett, Jessica Nelson, Stephen Yip, Sophie Sun, Howard Lim, Daniel Renouf, **Steven JM Jones**, Marco A Marra, Janessa Laskin. **Poster presentation.**

17. BC Cancer Summit, November 16-18, 2023, Vancouver, BC. Nanopore sequencing of advanced cancers identifies haplotype specific promoter methylation associated with clinically relevant HRD phenotype. Veronika Csizmok, Erin Pleasance, Laura Williamson, Kieran O'Neill, Vahid Akbari, Glenn Chang, Andrew Galbraith, Janessa Laskin, Marco A. Marra, **Steve J.M. Jones**. **Poster presentation**.

18. BC Cancer Summit, November 16-18, 2023, Vancouver, BC. Formalin-Fixed, Paraffin-Embedded Tumour Specimens for Whole Genome and Transcriptome Analysis in Precision Oncology. Connor Frey, Jing Xu, Erin Pleasance, Laura Williamson, Richard Corbett, Angela Tam, Carrie Hirst, Andrew Mungall, Karen Mungall, Jessica Nelson, Melissa McConechy, Stephen Yip, **Steven Jones**, Marco Marra, Janessa Laskin. **Poster presentation**.

19. BC Cancer Summit, November 16-18, 2023, Vancouver, BC. Precision Cancer Medicine: The Personalized OncoGenomics Program. Erin Pleasance, Laura Williamson, Yaoqing Shen, Veronika Csizmok, Kathleen Wee, Gregory A Taylor, Cameron Grisdale, Jing Xu, Melissa McConechy, John H Dupuis, Karen L Mungall, Eric Chuah, Richard Moore, Andrew J Mungall, Jessica Nelson, Stephen Yip, Kasmintan Schrader, Dean Regier, Sophie Sun, Howard Lim, Daniel J Renouf, **Steven JM Jones**, Marco A Marra, Janessa Laskin. **Poster presentation**.

20. CEEHRC 9th Annual Canadian Conference on Epigenetics, November 13-16, 2023, Banff, Alberta. Pan-Cancer Characterization of Allele-Specific Methylation using Nanopore Sequencing. Andrew Galbraith, Vahid Akbari, Glenn Chang, Veronika Csizmok, Kieren O'Neill, Erin Pleasance, **Steven J.M. Jones**. **Poster Presentation.**

21. Canadian Cancer Research Conference, November 12-14, 2023. Halifax, Nova Scotia. Nanopore sequencing of advanced cancers identifies haplotype specific promoter methylation associated with clinically relevant HRD phenotype. Veronika Csizmok, Erin Pleasance, Laura Williamson, Kieran O'Neill, Vahid Akbari, Glenn Chang, Andrew Galbraith, Janessa Laskin, Marco A. Marra, **Steve J.M. Jones**. **Lightening presentation AND poster presentations.**

22. Biodiversity Genomics conference, October 2-6, 2023, Virtual. Canadian Earth Biogenome project assembly pipeline. Solenne Correard, Sreeja Leelakumari, Samantha J. Jones, Hesther Yueh, Tara Paton, Karen Ho, Haig Djambazian, Pierre Berube, Anne-Laure Ferchaud, Louis Bernatchez, Nathalie Vachon, Marc-Antoine Couillard, Stephen W. Scherer, Ioannis Ragoussis, **Steven J.M. Jones**. **Oral presentation**.

23. AGBT Precision Health Conference, September 7-9, 2023, San Diego, California, USA. Benefits of integrating an open-source knowledgebase in a precision oncology workflow. Cameron J. Grisdale, Erin Pleasance, Connor Frey, Caralyn Reisle, Laura M. Williamson, Veronika Csizmok, Kathleen Wee, Yaoqing Shen, Melika Bonakdar, Greg Taylor, Kilannin Krysiak, Jason Saliba, Arpad M. Danos, Adam C. Coffman, Susanna Kiwala, Joshua F. McMichael, Janessa Laskin, Malachi Griffith, Obi L. Griffith, **Steven J.M. Jones**. **Poster presentation**.

24. AGBT Precision Health Conference, September 7-9, 2023, San Diego, California, USA. Immune profiling tools in whole genome and transcriptome analysis of metastatic tumours inform immunotherapy clinical trial design. Kathleen Wee, Erin Pleasance, Emma Titmuss, Laura Williamson, Yaoqing Shen, Karen Mungall, Eric Chuah, Andrew Mungall, Melika Bonakdar, Greg Taylor, Veronika Csizmok, Cameron J Grisdale, Richard D Corbett, Jessica Nelson, Stephen Yip, Sophie Sun, Howard Lim, Daniel Renouf, **Steven JM Jones**, Marco A Marra, Janessa Laskin. **Poster presentation**.

25. Intelligent Systems for Molecular Biology, July 23-27, 2023, Lyon, France. Machine Learning Derived Transcriptional Signatures in Cancer. Faeze Keshavarz, Erin Pleasance, **Steven J.M. Jones**. **Poster Presentation.**

26. RiboWest 2023, Western Canada's Premier RNA Conference, June 15, 2023, Virtual. Nanopore-based native RNA sequencing of human transcriptomes reveals the complexity of mRNA modifications and crosstalk between RNA regulatory features. Yerin Kim, Kieran O'Neill, Jean-Michel Garant, Simon Haile Merhu, Maryam Ghashghaei, **Steven J.M. Jones***, Ly Vu*. **Oral Presentation**.

27. Precision Health Summit, February 2, 2023, Vancouver, BC. Precision Cancer Medicine: The Personalized OncoGenomics Program. Erin Pleasance, Laura Williamson, Yaoqing Shen, Karen Mungall, Eric Chuah, Richard Moore, Andrew Mungall, Jessica Nelson, Stephen Yip, Kasmintan Schrader, Dean Regier, Sophie Sun, Howard Lim, Daniel J. Renouf, **Steven Jones**, Janessa Laskin, Marco Marra. **Poster presentation**.

28. Precision Health Summit, February 2, 2023, Vancouver, BC. Nanopore Long-Read Sequencing of Advanced Tumours from the Personalized OncoGenomics and Marathon of Hope Cancer Centres Network Study. Laura Williamson, Kieran O'Neill, Erin Pleasance, Richard Corbett, Vahid Akbari, Glenn Chang, Andrew Galbraith, Katherine Dixon, Jeremy Fan, Signe MacLennan, Vanessa Porter, Richard Moore, Andrew Mungall, Janessa Laskin, Marco Marra, **Steven Jones**. **Poster presentation**.

29. Nanopore Community Meeting, December 5-7, 2022 (Virtual). Simultaneous haplotyping and parent-of-origin assignment of homologous chromosomes without parental sequence data using nanopore sequencing and strandseq. Vahid Akbari, Vincent C. T. Hanlon, Kieran O'Neill, Louis Lefebvre, Kasmintan A. Schrader, Peter M. Lansdorp, **Steven J.M. Jones**. **Oral Presentation.**

30. BC Cancer Summit, November 24-26, 2022, Vancouver, British Columbia. Characterization of the epitranscriptomics landscape of acute myeloid leukemia using nanopore direct RNA sequencing. Yerin Kim, Kieran O'Neill, Jean-Michel Garant, Simon Haile Merhu, Maryam Ghashghaei, **Steven J.M. Jones**, Ly P. Vu. **Poster Presentation.**

31. BC Cancer Summit, November 24-26, 2022, Vancouver, British Columbia. Benefits of integrating an open-source knowledgebase in a precision oncology workflow. Cameron J. Grisdale, Erin Pleasance, Caralyn Reisle, Laura M. Williamson, Kilannin Krysiak, Jason Saliba, Arpad M. Danos, Adam C. Coffman, Susanna Kiwala, Joshua F. McMichael, Malachi Griffith, Obi L. Griffith, **Steven J.M. Jones**. **Poster Presentation**.

32. UBC Department of Medical Genetics Research Day, November 4, 2022, Vancouver, British Columbia. Chromosome-scale haplotyping and parent-of-origin assignment of homologous chromosomes in a single sample without parental sequencing data. Vahid Akbari, Vincent C. T. Hanlon, Kieran O'Neill, Louis Lefebvre, Kasmintan A. Schrader, Peter M. Lansdorp, **Steven J.M. Jones. Oral Presentation.**

33. TFRI's 9th Scientific Meeting, November 3-6, 2022, Vancouver, British Columbia. Personalized Oncogenomics (POG) Program. Janessa Laskin, Laura Williamson, Erin Pleasance, Daniel Renouf, Dean Regier, Kasmintan Schrader, Sophie Sun, Howard Lim, Stephen Yip, Robert Holt, Samuel Aparicio, Nadine Caron, **Steven Jones**, Marco Marra. **Poster presentation.**

34. TFRI's 9th Scientific Meeting. November 3-6, 2022, Vancouver, British Columbia. The precision oncology for young people (PROFYLE) program: A national precision oncology program for children, adolescents and young adults with hard-to-cure cancer in Canada. Stephanie A. Grover, Lesleigh Abbott, Jason N. Berman, Guillaume Bourque, Jennifer A. Chan, Avram E. Denburg, Rebecca J. Deyell, Conrad V. Fernandez, Cynthia Hawkins, Jan-Willem Henning, Meredith S. Irwin, Nada Jabado, **Steven J.M. Jones**, Philipp F. Lange, Paul Moorehead, Michael F. Moran, Daniel A. Morgenstern, Sapna Oberoi, Antonia Palmer, Shahrad R. Rassekh, Donna L. Senger, Adam Shlien, Daniel Sinnett, Caron Strahlendorf, Patrick J. Sullivan, Michael D. Taylor, Suzanne Vercauteren, Anita Villani, Stephanie Villeneuve, James A. Whitlock, David Malkin, on behalf of the Terry Fox PROFYLE Consortium. **Poster Presentation.**

35. 13th Annual Meeting of the Cancer Genomics Consortium (CGC), July 31 – August 3, 2022, St. Louis, Missouri. Benefits of integrating an open-source knowledgebase in a precision oncology workflow. Cameron J. Grisdale, Erin Pleasance, Caralyn Reisle, Laura M. Williamson, Kilannin Krysiak, Jason Saliba, Arpad M. Danos, Adam C Coffman, Susanna Kiwala, Joshua F. McMichael, Malachi Griffith, Obi L. Griffith, **Steven J.M. Jones**. **Poster presentation.**

36. London Calling, May 18-20, 2022 (Virtual). DNA methylation analysis in human tumour samples using nanopore sequencing. Vahid Akbari, Kieran O'Neill, Richard Corbett, Vanessa L. Porter, Erin Pleasance, Pawan Pandoh, Richard Moore, Marco Marra, Martin Hirst, **Steven J.M. Jones**. **Poster presentation.**

37. BIG22, March 11, 2022, Vancouver, British Columbia. A Random Forest derived p53 transcriptional signature in cancer. Faeze Keshavarz-Rahaghi, Erin Pleasance, Tyler Kolisnik, **Steven J. M. Jones**. **Poster Presentation.**

38. BC Cancer Summit. November 18-19, 2021 (Virtual). Benefits of integrating an open-source knowledgebase in a precision oncology workflow. Cameron J. Grisdale, Erin Pleasance, Laura M. Williamson, Caralyn Reisle, Melika Bonakdar, Gregory A. Taylor, Jason Saliba, Arpad M. Danos, Adam C. Coffman, Lana Sheta, Susanna Kiwala, Joshua F. McMichael, Kilannin Krysiak, Malachi Griffith, Obi L. Griffith, **Steven J. M. Jones**. **Poster Presentation.**

39. International Papillomavirus Conference (IPVC) November 15-19, 2021 (Virtual). Analysis of cervical cancers with long-read technology delineates novel genomic structures and regulation patterns at HPV integration events. Vanessa L. Porter, Kieran O'Neill, Ka Ming Nip, Luka Culibrk, Vahid Akbari, Simon K. Chan, Marissa Iden, Shirng-Wern Tsaih, Richard Corbett, Karen L. Mungall, Andrew J. Mungall, Inanc Birol, **Steven J. M. Jones**, Janet S. Rader, Marco A. Marra. **Poster Presentation.**

40. CEEHRC 7th Annual Canadian Conference on Epigenetics November 3-5, 2021 (Virtual). Detection of Imprinted DNA Methylation Using Nanopore Long-Read Sequencing. Vahid Akbari, Jean-Michel Garant, Kieran O'Neill, Pawan Pandoh, Richard Moore, Marco Marra, Martin Hirst, **Steven J.M. Jones**. **Poster presentation**.

41. CEEHRC 7th Annual Canadian Conference on Epigenetics November 3-5, 2021 (Virtual). A compendium of uniformly processed public mouse hematopoietic RNA-seq data for data mining. Misha Bilenky, Donald Ng, **Steven Jones**, Martin Hirst. **Poster presentation.**

42. ISMB/ECCB 2021 July 25 – 30, 2021 (Virtual). Investigating tumor genome instability with Ploidetect. Luka Culibrk, Erin Pleasance, Karen Mungall, Janessa Laskin, Marco Marra and **Steven Jones**. **Poster Presentation.**

43. Bioinformatics Open Source Conference (BOSC) July 29-30, 2021 (Virtual). Robust variant interpretation in precision oncology using a graph knowledge base. Caralyn Reisle, Laura Williamson, Erin Pleasance, Dustin Bleile, Anna Davies, Brayden Pellegrini, Karen Mungall, Eric Chuah, Martin Krzywinski, Raphael Matiello Pletz, Jacky Li, Ross Stevenson, Hansen Wong, Abbey Reisle, Matthew Douglas, Eleanor Lewis, Melika Bonakdar, Jessica Nelson, Cameron Grisdale, Ana Fisic, Teresa Mitchell, Daniel Renouf, Stephen Yip, Janessa Laskin, Marco Marra and **Steven Jones**. **Oral Presentation.**

44. Pathology Day, University of British Columbia May 28, 2021. Deep-Learning Based Classification Distinguishes Sarcomatoid Malignant Mesotheliomas from Benign Spindle Cell Mesothelial Proliferations. Julia R. Naso, Adrian B Levine, Hossein Farahani, Lucian R. Chirieac, Sanja Dacic, Joanne L. Wright, Chi Lai, Hui-Min Yang, **Steven J.M. Jones,** Ali Bashashati, Stephen Yip, Andrew Churg. **Oral Presentation.**

45. London Calling 19-21, May 2021 (Virtual). Genome-wide detection of imprinting control regions using nanopore sequencing. Vahid Akbari, Jean-Michel Garant, Kieran O'Neill, Pawan Pandoh, Richard Moore, Marco Marra, Martin Hirst, **Steven J.M. Jones**. **Poster presentation.**

46. Curating the Clinical Genome Conference (Virtual) May 12-14, 2021. De novo heterozygous POLR2A mutation associates with complex autism spectrum disorder (ASD), epilepsy, strabismus, hypotonia and self-injurious behaviours. Ying Qiao, Sally Martell, Kristina Calli, **Steven Jones**, Stephen W. Scherer, M. E. Suzanne Lewis. **Poster Presentation.**

47. ASPHO American Society of Pediatric Hematology/Oncology Conference April 21 - 24, 2021, Portland, Oregon. Childhood leukemia long-read transcriptomics based point of care diagnosis. Cielle Wachnian, Amanda Lorentzian, Ann Van Eyssen Pediatric, **Steven Jones,** Caron Strahlendorf. **Poster Presentation.**

48. ACMG American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting, April 13-16, 2021, Virtual. Ethical Considerations in the Application of Advanced Genomic Testing for a Donor-Conceived Child. Stephanie Huynh, Alexandra Olmos Perez, Alice Virani, Cornelius F. Boerkoel, **Steven JM Jones**, Hui-Lin Chin. **Poster Presentation.**

49. ASCO GI Virtual Conference January 15-17, 2021. Beyond BRCA? Clinical Utility of Homologous Recombination Deficiency in Gastrointestinal Cancers. Erica S. Tsang, Veronika Csizmok, Laura M. Williamson, Erin Pleasance, James Topham, Joanna Karasinska, Emma Titmuss, Intan Schrader, Fergus Cafferty, Stephen Yip, Basile Cloutier, Karen Mungall, Tony Ng, Sophie Sun, Howard J. Lim, Jonathan M. Loree, Janessa Laskin, Marco Marra, **Steven Jones,** David F. Schaeffer, Daniel J. Renouf. **Poster Presentation.**

50. 10th Annual Conference on Head and Neck Cancer, Chicago, July 18-22, 2020. Development and validation of a miRNA-based prognostic signature in oral squamous cell carcinoma. Doha Itani, Mehul Kumar, Misha Bilenky, Steven C. Nakoneshny, Yussanne Ma, Andrew J. Mungall, Shamir Chandarana, Robert Hart, Thomas Wayne Matthews, **Steven J. M. Jones**, Joseph C. Dort, Pinaki Bose. **Poster Presentation.**

51. 28th Conference on Intelligent Systems for Molecular Biology (Virtual). July 13-16, 2020. Grewal JK, Pleasance E, Csizmok V, Williamson L, Bleile D, Wee K, Shen Y, Tessier-Cloutier B, Yip S, Renouf D, Laskin J, Marra M, **Jones SJM**. Single-sample pathway analysis using Pathway Impact Evaluation (PIE) of machine-learning based cancer classifiers. **(Poster presentation; 2nd Prize in Best Poster category in Translational Medicine)**

52. International Society for Autism Research (INSAR) Annual Meeting May 6 – 9, 2020, Seattle, Washington, USA. Bringing Whole Genome Sequencing to the clinic: The iTARGET Autism Initiative (Individualized Treatments for Autism Recovery using Genetic-Environment Targets). Kristina Calli, Ying Qiao, Sally Martell, Heather MacRitchie, Jen Howe, Ali Sourkhou, **Steven Jones**, Michael Gallad, Stephen W. Scherer, Evica Separovic, Suzanne Lewis. **Poster Presentation.**

53. International Society for Autism Research (INSAR) Annual Meeting May 6 – 9, 2020, Seattle, Washington, USA. DNA copy number variants analysis from whole genome sequencing in families with non-syndromic Autism Spectrum Disorders. Ying Qiao, Kristina Calli, Sally Martell, Heather MacRitchie, Chieko Chiiwa, **Steven Jones**, Evica Rajcan-Separovic, Stephen W. Scherer, and Suzanne M. Lewis. **Poster Presentation.**

54. Single Cell Biology: Pushing New Frontiers in the Life Sciences. Florence, Italy, May 04 - 08, 2020. A high-throughput strand-specific protocol for full-length total RNA sequencing from single cells. Haile S, Corbett RD, LeBlanc VG, Wei L, Pleasance S, Bilobram S, Brown K, Trinh E, Smith J, Bala M, Chuah E, Mungall K, Moore RA, Mungall AJ, Coope RJ, Zhao Y, **Jones SJ**, Trinh DL, and Marra MA. **Poster Presentation.**

55. Sixth AACR-IASLC International Joint Conference: Lung Cancer Translational Science from the Bench to the Clinic, San Diego, California, January 11-14, 2020. Selectively targeting lung cancer with a novel small molecule that induces synthetic lethality through dual inhibition of disulfide reductases. Fraser D. Johnson, Sophie Jansen, Alvin Liu, Christina Brandstädter, Daniel Lu, Amy Nagelberg, Dylan Farnsworth, Tianna Sihota, Jianghong An, Giovanni C Forcina, Anna Prudova, Jennifer Luu, Poul H. Sorensen, Harold Varmus, Romel Somwar, Scott J. Dixon, **Steven J.M. Jones**, Katja Becker, Gregg B. Morin, William W. Lockwood. **Poster Presentation.**

56. CSHL Genome Informatics, Cold Spring Harbor, NY, November 6 – 9, 2019. Kwan H, Pleasance E, Titmuss E, Williamson L, Zhao E, Culibrk L, Bowlby R, Shen Y, Ashkani J, Mungall K, Chuah E, Moore R, Mungall A, Nelson J, Yip S, **Jones SJ**, Laskin J, Marra MA. The POG570 Cohort: An inquiry into the genomic landscape of treated advanced tumors. **Poster Presentation.**

57. Summit for Cancer Immunotherapy, Victoria, BC, October 20 – 23, 2019. Ashkani J, Titmuss E, Pleasance E, Pender A, Lavoie J, Williamson L, Jones M, Shen Y, Mungall K, Chuah E, Mungall A, Moore R, Zhao Y, Laskin J, Marra MA, **Jones SJ.** Biomarkers of Resistance to Immune-Checkpoint Inhibitors: Antibody-Drug Conjugate Target Discovery. **Poster Presentation.**

58. AGBT Precision Health, La Jolla, CA, September 5 – 7, 2019. Erin Pleasance*, Emma Titmuss*, Laura Williamson*, Harwood Kwan, Eric Zhao, Katherine Dixon, Kevin Fan, Luka Culibrk, Reanne Bowlby, Martin R Jones, Yaoqing Shen, Jasleen Grewal, Jahanshah Ashkani, Kathleen Wee, Cameron Grisdale, My Linh Thibodeau, Zoltan Bozoky, Hillary Pearson, Elisa Majounie, Tariq Vira, Reva Shenwai, Karen Mungall, Eric Chuah, Joshua Davies, Mya Warren, Caralyn Reisle, Melika Bonakdar, Gregory A Taylor, Veronika Csizmok, Simon Chan, Stuart Zong, Steve Bilobram, Amir Zadeh, Darryl D'Souza, Richard Corbett, Daniel MacMillan, Marcus Carreira, Caleb Choo, Dustin Bleile, Sara Sadeghi, Wei Zhang, Tina Wong, Dean Cheng, Richard Moore, Andrew Mungall, Yongjun Zhao, Jessica Nelson, Alexandra Fok, Robyn Roscoe, Yussanne Ma, Michael Lee, Jean-Michel Lavoie, Joanna Karasinska, Balvir Deol, Ana Fisic, David Schaeffer, Stephen Yip, Kasmintan Schrader, Dean Regier, Stephen Chia, Karen Gelmon, Anna Tinker, Sophie Sun, Howard Lim, Daniel Renouf, **Steven JM Jones**, Janessa Laskin, Marco A Marra. *These authors contributed equally. Cancer Genome Landscapes Shaped By Prior Therapy: The POG570 Cohort. **Poster Presentation.**

59. ISMB/ECCB 2019, Basel, Switzerland, July 12 – July 25, 2019. Emre Erhan, Karen Mungall, Richard Moore, Andrew J Mungall, Janessa Laskin, Marco Marra, **Steven JM Jones**. Support vector machines predict cancer patient therapy response from bulk RNA-seq. **Poster Presentation.**

60. ISMB Annual Meeting, Basel, Switzerland, July 21 - July 25, 2019. Luka Culibrk, Jasleen Grewal, Erin D Pleasance, Richard D Corbett, Karen L Mungall, Janessa Laskin, Marco A Marra, **Steven JM Jones**. Ploidetect: Interpretable detection of tumour purity and aneuploidy from whole-genome sequence data. **Poster Presentation.**

61. ISMB/ECCB 2019, Basel, Switzerland, July 21-25, 2019. Grewal JK, **Jones SJM.** Learning biologically meaningful representations of cancer transcriptomes with hierarchical Variational Bayes. **Oral Presentation**.

62. ASCO Annual Meeting, Chicago, IL, May 31 – Jun 4, 2019. Eric Y Zhao, Xiaolan Feng, Erin Pleasance, Tony Ng, Jasleen Grewal, Nissreen Mohammad, Sara Taylor, Christine Simmons, Amirrtha Srikanthan, Rod Rassekh, Rebecca Deyell, Yaoqing Shen, Emma Titmuss, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, **Steven J.M. Jones**, Marco Marra and Janessa Laskin. The Whole Genome Landscape of Adult Metastatic Sarcoma. **Poster Presentation**.

63. ASCO Annual Meeting, Chicago, IL, May 31 – Jun 4, 2019. Jean-Michel Lavoie, Veronika Csizmok, Gang Wang, Laura Williamson, Marco Marra, Janessa Laskin, **Steven J.M. Jones,** Daniel J. Renouf and Christian K. Kollmannsberger. Whole genome and transcriptome analysis (WGTA) of metastatic adrenocortical carcinoma (mACC). **Poster Presentation.**

64. ASCO Annual Meeting, Chicago, IL, May 31 – Jun 4, 2019. Erica S. Tsang, Erin Pleasance, Cam Grisdale, Stephen Yip, Basile Cloutier, Karen Mungall, Tony Ng, Jessica Nelson, Sophie Sun, Howard J. Lim, Daniel J. Renouf, Janessa Laskin, Marco Marra, **Steven Jones**, Jonathan M. Loree. Uncovering Clinically Relevant Gene Fusion Events with Integrated Genomic and Transcriptomic Profiling. **Poster Presentation**.

65. 2nd ICGC-ARGO Meeting/Workshop (5th ICGC Scientific Workshop) Glasgow, Scotland, May 27-29, 2019. Emma Titmuss, Erin Pleasance, Laura Williamson, **Steven JM Jones,** Janessa Laskin, Marco A Marra. Pan-cancer analysis of advanced patient tumours reveals interaction between therapy and genomic landscapes. **Poster Presentation.**

66. 2nd ICGC-ARGO Meeting/Workshop (5th ICGC Scientific Workshop), Glasgow, Scotland, May 27-29, 2019. Deirdre Weymann, Janessa Laskin, **Steven J.M. Jones,** Howard Lim, Daniel J. Renouf, Robyn Roscoe, Kasmintan A. Schrader, Sophie Sun, Stephen Yip, Marco A. Marra, Dean A. Regier. An introduction and illustrative example of matching methods in precision oncology. **Poster Presentation.**

67. 2nd ICGC-ARGO Meeting/Workshop (5th ICGC Scientific Workshop), Glasgow, Scotland, May 27-29, 2019. Deirdre Weymann, Janessa Laskin, Howard Lim, Daniel J. Renouf, Robyn Roscoe, Kasmintan A. Schrader, Sophie Sun, Stephen Yip, Marco A. Marra, Dean A. Regier. Early-stage economic evaluation of whole-genome and transcriptome analysis to guide advanced cancer care. **Poster Presentation.**

68. 2nd ICGC-ARGO Meeting/Workshop (5th ICGC Scientific Workshop), Glasgow, Scotland, May 27-29, 2019. Veronika Csizmok, Erin Pleasance, Laura Williamson, Greg Taylor, Melika Bonakdar, Yaoqing Shen, Emma Titmuss, Kathleen Wee, Caralyn Reisle, Simon Chan, Wei Zhang, Sara Sadeghi, Reanne Bowlby, Dustin Bleile, Karen Mungall, Eric Chuah, Tina Wong, Richard Corbett, Richard Moore, Andrew Mungall, **Steven Jones**, Howard Lim, Daniel Renouf, Janessa Laskin, Marco Marra. Personalized oncogenomics: whole genome and transcriptome sequencing informs treatment decisions in the cancer clinic. **Poster Presentation.**

69. Keystone Conference on Cancer Immunotherapy, Whistler, BC Canada March 10 – 14, 2019. Emma Titmuss, Kevin Fan, Erin Pleasance, Laura Williamson, Hillary Pearson, James Topham, **Steve Jones**, Janessa Laskin, Marco Marra. Integrated genomic profiling of metastatic tumours to identify biomarkers of response to immune checkpoint inhibitors. **Poster Presentation**.

70. Keystone Conference on Cancer Immunotherapy, Whistler, BC Canada March 10 – 14, 2019. James T. Topham, Laura Williamson, Erin Pleasance, Luka Culibrk, Joanna M. Karasinska, Michael K.C. Lee, Emma Titmuss, Andrew J. Mungall, Richard A. Moore, Janessa Laskin, Marco A. Marra, **Steven J. Jones**, David F. Schaeffer, Daniel J. Renouf. Increased ERV expression is associated with predicted immunogenicity in a subset of metastatic cancers. **Poster Presentation.**

71. International Society for Autism Research (INSAR) Annual Meeting, Montreal, Canada, May 1 - May 4, 2019. Ying Qiao, Kristina Calli, Sally Martell, Simone Race, Chieko Chijiwa, Armanza Glodjo, Pat Mirenda, **Steven Jones**, Stephen W. Scherer, Evica Separovic, Suzanne Lewis. Contribution of multiple inherited and shared rare variants to Autism Spectrum Disorder (*ASD*) in a family with 3 affected siblings.

72. BC Cancer Summit, Vancouver, BC Canada November 23 – 24, 2018. Jasleen Grewal, **Steven Jones.** Bayesian Modelling Generates Compact Sample Representations that Recapitulate Gene Behaviour from Cancer Transcriptomes. **Poster Presentation**

73. BC Cancer Summit, Vancouver, BC Canada November 23 – 24, 2018. Grisdale C, Shen Y, Lai YY, Bose P, Lever J, Grinshtein N, Zhao E, Ma Y , Mungall AJ, Moore RA, Senger DL, Robbins SM, Luchman HA, Weiss S, Chan JA, Blough MD, Cairncross G, Kaplan D, Marra MA, **Jones SJM**. Gene Expression And Tumour Microenvironment In Glioblastoma. **Poster Presentation.**

74. BC Cancer Summit, Vancouver, BC Canada November 23 – 24, 2018. Harwood Kwan, Erin Pleasance, Laura Williamson, Emma Titmuss, Mya Warren, Yaoqing Shen, Reanne Bowlby, Zoltan Bozoky, Jasleen Grewal, Joshua Davies, Amir Zadeh, Daryl D'Souza, Karen L Mungall, Eric Chuah, Richard A Moore, Andrew J Mungall, Jessica Nelson, Katherine Mui, Karen Gelmon, Anna Tinker, Sophie Sun, Howard Lim, Daniel Renouf, Janessa Laskin, Stephen Yip, Marco A Marra, **Steven JM Jones**. Exploratory Analysis of Recurrent Mutations Associated with Treatment in Metastatic Cancers. **Poster Presentation.**

75. BC Cancer Summit, Vancouver, BC Canada November 23 – 24, 2018. Kevin Fan, Erin Pleasance , Laura Williamson, Emma Titmuss, Hillary Pearson, Steve Bilobram, Simon Chan, Janessa Laskin, Marco Marra,

**Steven Jones**. Genomic analysis of tumour-immune landscape and determinants of response to immune checkpoint inhibitors in Personalized OncoGenomics patients. **Poster Presentation.**

76. BC Cancer Summit, Vancouver, BC Canada November 23 – 24, 2018. Erin Pleasance, Laura Williamson, Martin Jones, Yaoqing Shen, Eric Zhao, Harwood Kwan, Reanne Bowlby, Emma Titmuss, Kevin Fan, Jasleen Grewal, Jahanshah Ashkani, Joshua Davies, Kevin Fan, Elisa Majounie, Zoltan Bozoky, Melika Bonakdar, Caralyn Reisle, Greg Taylor, Simon Chan, Stuart Zong, Amir Zadeh, Darryl D'Souza, Karen Mungall, Eric Chuah, Richard Moore, Andrew Mungall, Jessica Nelson, Katherine Mui, Yussanne Ma, Stephen Yip, Karen Gelmon, Anna Tinker, Sophie Sun, Howard Lim, Daniel Renouf, **Steven JM Jones,** Janessa Laskin, Marco Marra. Cancer genome landscapes shaped by prior therapy: The POG500 cohort. **Poster Presentation.**

77. American Association of Human Genetics (ASHG), San Diego, California, October 14 – 21, 2018. Jasleen Grewal, Sitanshu Gakkhar, Yussanne Ma, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, Janessa Laskin, Marco Marra, **Steven JM Jones**. The transcriptome as a diagnostic aid - a pan cancer method for identifying the site of origin of complex metastases. **Poster Presentation.**

78. European Conference on Computational Biology (ECCB), Athens, Greece, September 8-12, 2018. Jasleen Grewal, **Steven Jones**. Inferring biological programs from cancer transcriptomes using Bayesian modeling. **Poster Presentation.**

79. AGBT 2018 Precision Health Meeting, La Jolla, California, 6-8 September, 2018. Elisa Majounie, Erin Pleasance, Martin Jones, Yaoqing Shen, Laura Williamson, Mya Warren, Jasleen Grewal, Harwood Kwan, Reanne Bowlby, Zoltan Bozoky, Emma Titmuss, Melika Bonakdar, Caralyn Reisle, Greg Taylor, Simon Chan, Stuart Zong, Amir Zadeh, Daryl D'Souza, Karen L Mungall, Eric Chuah, Richard A Moore, Andrew J Mungall, Jessica Nelson, Katherine Mui, Yussanne Ma, Stephen Yip, Karen Gelmon, Anna Tinker, Sophie Sun, Howard Lim, Daniel Renouf, **Steven JM Jones,** Janessa Laskin, Marco A Marra. Whole genome and transcriptome landscape of incurable pre-treated cancers is shaped by prior therapy and reveals unanticipated therapeutic targets. **Poster Presentation.**

80. American Society of Clinical Oncology (ASCO) Annual Meeting June 1-5, 2018. Chicago, Illinois.Tanya Skamene; Lillian L. Siu; Daniel Renouf; Janessa Laskin; Philippe Bedard; **Steven Jones**; Christiano Ferrario; Jim Whitlock; Joan Petrie; Patrick Sullivan; Eoghan Malone; Dora Nomikos; Bingshu Chen; Janet Dancey. Canadian profiling and targeted agent utilization trial (captur/): a phase ii basket trial.

81. International Association for Aquatic Animal Medicine (IAAAM) Meeting and Conference May 19 - 23, 2018, Renaissance Long Beach in Long Beach, California. Martin Haulena,* Samantha J. Jones, Greg A. Taylor, Dustin Bleile, Morgan Bye, An He, Richard Corbett, Caleb Choo, Eric Chuah, Karen Mungall, Graham W. Slack, Barbara Linnehan, Karisa Tang, Stephen Raverty, Andrew Mungall, Richard Moore, Robin Coope, Yongjun Zhao, Yussanne Ma, Marco Marra, and **Steven J.M. Jones**. Molecular characterization of lymphoma in Northern sea otters (*Enhydra lutris kenyoni*).

82. RECOMB April 21-24, 2018, Paris, France. Jackman SD, Coombe L, Chu J, Warren RL, Vandervalk BP Yeo S, Xue , Mohamadi H, Bohlmann J, **Jones SJM**, Birol I. Tigmint: correct assembly errors using linked reads from large molecules [version 1; not peer reviewed]. F1000Research 2018, 7:481 (Poster) (doi: 10.7490/f1000research.1115395.1)

83. AACR Annual Meeting, April 14-18, 2018. Chicago, Illinois, USA. Martin R Jones, Yaoqing Shen, Erin Pleasance, Elisa Majounie, Laura Williamson, Eric Zhao, Eric Chuah, Karen L. Mungall, Andrew J. Mungall, Richard A. Moore, Yussanne Ma, Stephen Yip, Howard Lim, Daniel Renouf, **Steven J.M. Jones**, Janessa Laskin, Marco A. Marra. Integrating whole genome and transcriptome analysis to inform treatment decisions in the metastatic cancer clinical setting. **(Poster Presentation).**

84. 107th United States and Canadian Academy of Pathology Annual Meeting (USCAP), March 17-23 2018 Vancouver, BC. Basile Tessier-Cloutier, Jasleen Grewal, Martin Jones, Erin Pleasance, Ellia Zhang, Karen Mungall, Tae Hoon Lee, Ellen Cai, Brandon S Sheffield, Cheng Han Lee, Lien Hoang, Brian Skinnider, Tyler Smith, David F Schaeffer, Anna Lee, Tony Ng, Diana Ionescu, Torsten Nielsen, Chris Dunham, **Steven Jones**, Janessa Laskin, Marco Marra, Stephen Yip. Genomic Integrative Pathology: A Large Scale Tumour Next Generation Sequencing Initiative. (**Poster Presentation).**

85. 18th Annual AGBT: General Meeting, February 12-15, 2018. Orlando, Florida, USA. Martin R. Jones, Yaoqing Shen, Erin Pleasance, Eric Zhao, Karen L. Mungall, Andrew J. Mungall, Richard A. Moore, Yussanne Ma, **Steven J.M. Jones,** Janessa Laskin, Marco A. Marra: Whole genome and transcriptome analysis in a metastatic cancer clinical setting. **(Poster Presentation).**

86. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. Cameron Grisdale, Yaoqing Shen, Pinaki Bose, Jake Lever, Natalie Grinshtein, Eric Zhao, Yuk Yin Lai, Yussanne Ma, Andrew J. Mungall, Richard A. Moore, Donna L. Senger, Stephen M. Robbins, H. Artee Luchman, Samuel Weiss, Jennifer A. Chan, Michael D. Blough, Gregory Cairncross, David Kaplan, Marco A. Marra, **Steven JM Jones**. Patterns of gene expression and somatic variation in matched tumours and tumour-derived model systems of Glioblastoma.

87. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. Jasleen Grewal, Sitanshu Gakkhar, Yussanne Ma, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, Janessa Laskin, Marco Marra, **Steven Jones.** Using machine learning to identify the site of origin of metastatic tumours.

88. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. Jianghong An, Julie Rousseau, Zhengxing Zhang, Kuo-Shyan Lin, Francois Benard, **Steven Jones**. In silico evaluation and optimization of matriptase-binding compounds as radio-labeling candidates for PET imaging of invasive cancer.

89. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. Hillary Pearson, Erin Pleasance, Scott Brown, Emma Titmuss, Martin Jones, Stuart Zong, Payal Sipahimalani, Yussanne Ma. Robert Holt, **Steven Jones**, Stephen Yip, Howard Lim, Daniel Renouf, Marco Marra, Janessa Laskin. Genomic biomarkers of response to checkpoint inhibitor immunotherapy in the Personalized OncoGenomics cohort.

90. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC . Yaoqing Shen, Yuk Yin Lai, Pinaki Bose, Cameron Grisdale, Natalie Grinshtein, Eric Zhao, Yussanne Ma, Andrew J. Mungall, Richard A. Moore, Donna L. Senger, Stephen M. Robbins, H. Artee Luchman, Samuel Weiss, Jennifer A. Chan, Michael D. Blough, Gregory Cairncross, David Kaplan, Marco A. Marra, **Steven JM Jones.** Comprehensive genomic profiling of matched glioblastoma tumours, cell-lines, and xenografts.

91. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. Sreeja Leelakumari, Oleksandr Yakovenko, Jianghong An, Andy Mungall, Keith Humphries, **Steven Jones**. Identification and Characterization of Small Molecules which modulate Epigenetic Reprogramming of BPTF in MLL2 mutant Lymphomas.

92. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC**.** Jahanshah Ashkani, D Dargahi, PJ Bergqvist, I Samudio, PHW Chan, J Rousseau, **SJ Jones.** Pan-Cancer Identification And Prioritization Of Cancer-Associated Genes: A Biomarker Discovery Application.

93. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC**.** Laura Williamson, Hui-li Wong, Eric Zhao, Martin Jones, Caralyn Reisle, Peter Eirew, Erin Pleasance, Joanna Karasinska, Steve

Kalloger, Howard Lim, Yaoqing Shen, Stephen Yip Jenessa Laskin, Marco Marra, **Steven Jones**, Kasmintan Schrader, David Schaeffer, Daniel Renouf.

94. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC**.** Chun Hye-Jung E; Johann Pascal D; Bilenky Mikhail; Lim Emilia; Heravi-Moussavi Alireza; Cheng Dean; Cheng Young; Wong Tina; Chuah Eric; Thiessen Nina; Ma Yussanne; Gerhard Daniela S; Mungall Andrew J; Moore Richard A; **Jones Steven JM**; Perlman Elizabeth J; Hirst Martin; Huang Annie; Kool Marcel; Marra Marco A. Extra-cranial rhabdoid tumours exhibit molecular similarities to the MYC-subgroup of AT/RTs

95. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC**.** Emily Yun-Chia Chang, Carolina A. Novoa, Maria J. Aristizabal, Yan Coulombe, Mr. Romulo Segovia, Yaoqing Shen, Christelle Keong, **Steven J.M. Jones,** Jean-Yves Masson, Michael S. Kobor, Peter C. Stirling. Understanding the role of DNA repair factors in regulating R-loop-mediated cancer genome instability.

96. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC**.** Martin Jones, Yaoqing Shen, Erin Pleasance, Laura Williamson, Eliza Majounie, Melika Bonakdar, Simon Chan, Carolyn Ch'ng, Caralyn Reisle, Greg Taylor, Reanne Bowlby, Brandon Peirce, Sara Sadeghi, Amir Zadeh, Wei Zhang, Karen Mungall, Nina Thiessen, Andy Mungall, Richard Moore, Yussanne Ma, **Steven Jones**, Janessa Laskin, Marco Marra. Taking whole genomes to the cancer clinic: Integrative analysis for interpretation and communication of whole genome and transcriptome analysis.

97. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. Romulo Segovia, Yaoqing Shen, **Steven Jones**, Peter Stirling. Quantifying gene-drug interactions by synthetic hypermutation and deep sequencing.

98. 4th Canadian Cancer Research Conference November 5 – 7, 2017, Vancouver, BC. My Linh Thibodeau, Melika Bonakdar, Karen L. Mungall, Nina Thiessen, Andrew J. Mungall, Yussanne P. Ma, Martin R. Jones, Daniel J. Renouf, Howard J. Lim, Stephen Yip, Tony Ng, Cheryl Ho, Janessa Laskin, Marco A. Marra, Kasmintan A. Schrader, **Steven J.M. Jones**. Whole-Genome and Whole-Transcriptome Profiling of a Metastatic Eccrine Porocarcinoma.

99. 8th TFRI Annual Scientific Meeting November 4, 2017, Vancouver, BC . Cameron Grisdale, Yaoqing Shen, Pinaki Bose, Jake Lever, Natalie Grinshtein, Eric Zhao, Yuk Yin Lai, Yussanne Ma, Andrew J. Mungall, Richard A. Moore, Donna L. Senger, Stephen M. Robbins, H. Artee Luchman, Samuel Weiss, Jennifer A. Chan, Michael D. Blough, Gregory Cairncross, David Kaplan, Marco A. Marra, Steven JM Jones. Patterns of gene expression and somatic variation in matched tumours and tumour-derived model systems of Glioblastoma.

100. TFRI ASM (TFRI 8th Annual Scientific Meeting) held in Vancouver, Canada, November 4, 2017. Ashkani J, Dargahi D, Bergqvist PJ, Samudio I, Chan PHW, Rousseau J, **Jones SJ**. Pan-Cancer Identification And Prioritization Of Cancer-Associated Genes: A Biomarker Discovery Application. **Rapid-fire talk**

101. AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics: Discovery, Biology, and Clinical Applications, Philadelphia, PA Oct 26-30, 2017. Yaoqing Shen, Martin R. Jones, Erin Pleasance, Melika Bonakdar, Carolyn Ch'ing, Caralyn Reisle, Laura Williamson, Elisa Majounie, Greg Taylor, Simon Chan, Young Song, Brandon Pierce, Wei Zhang, Amir Muhammadzadeh, Eric Y. Zhao, Dustin Bleile, Karen Mungall, Nina Thiessen, Eric Chuah, Tina Wong, Richard Corbett, Yussanne Ma, Richard A. Moore, Andrew J. Mungall, Yongjun Zhao, Stephen Yip, Anna F. Lee, Rod Rassekh, Rebecca Deyell, Howard Lim, Daniel Renouf, Robyn Roscoe, **Steven J. M. Jones**, Janessa Laskin, Marco A. Marra. Clinical application of whole genome and transcriptome sequencing in cancer care. **Poster Presentation.**

102. The International Conference of Physics Students, Turin, Italy. August 7-14, 2017. Jenny Yang, Jasleen Grewal, **Steven Jones.** Identifying Functional Clusters of Genes from Energy Landscapes in Autoencoders for Personalized Therapy in Medicine.

103. ISMB/ECCB 2017, 21-25th July, Prague, Czech Republic. Jasleen Grewal, Sitanshu Gakkhar, Yussanne Ma, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, Janessa Laskin, Marco Marra, **Steven J.M. Jones**. Using machine learning to identify site of origin of metastatic tumours. **Poster Presentation**

104. BioNLP Workshop, Association of Computational Linguistics 2017 Conference, Vancouver, BC, July 30 - August 4 2017. Jake Lever and **Steven Jones**. Painless Relation Extraction with Kindred. **Poster Presentation.**

105. Summit4CI (Summit for Cancer Immunotherapy by BioCanRx) held in Ottawa, Canada, June 25-28, 2017. Ashkani J, Dargahi D, Bergqvist PJ, Samudio I, Chan PHW, Rousseau J, **Jones SJ**. Pan-Cancer Identification And Prioritization Of Cancer-Associated Genes: A Biomarker Discovery Application. **Poster presentation**

106. Personalized Medicine Summit 2017. Sunday June 11th-Tuesday June 13th, 2017 Vancouver, Canada**.** Erin Pleasance, Martin Jones, Yaoqing Shen, Laura Williamson, Melika Bonakdar, Carolyn Ch'ing, Caralyn Reisle, Elisa Majounie, Greg Taylor, Young Song, Simon Chan, Wei Zhang, Amir Zadeh, Brandon Pierce, Sara Sadeghi, Reanne Bowlby, Dustin Bleile, Karen Mungall, Nina Thiessen, Eric Chuah, Tina Wong, Richard Corbett, Yussanne Ma, **Steven Jones**, Howard Lim, Daniel Renouf, Janessa Laskin, Marco Marra. Personalized oncogenomics: whole genome and transcriptome sequencing informs treatment decisions in the cancer clinic.

107. Graspods Annual Research Day, June 5th, 2017, BC Cancer Research Centre (Vancouver). Jasleen Grewal, Sitanshu Gakkhar, Yussanne Ma, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, Janessa Laskin, Marco Marra **Steven J.M. Jones**. Using machine learning to identify site of origin of metastatic tumours. **Poster Presentation**

108. Genome BC 15th Annual Genomics Forum: The Genome Engineering Revolution (CRISPR and SYNBIO), May 25th, 2017, UBC (Vancouver). Jasleen Grewal, Sitanshu Gakkhar, Yussanne Ma, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, Janessa Laskin, Marco Marra **Steven J.M. Jones**. Using machine learning to identify site of origin of metastatic tumours. **Poster Presentation**

109. The Canadian Associate of Medical Oncologists (CAMO) Annual Scientific Meeting, Toronto, Ontario, April 27, 2017. Negar Chooback, Cheryl Ho, Yaoqing Shen, Erica Tsang, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf , Karen Gelmon, Stephen Yip, **Steven J.M. Jones**, Janessa Laskin, Marco Marra. Whole genome sequencing (WGS) analysis of lung adenocarcinoma: elucidating the molecular signature.

110. AACR Annual Meeting, April 1-5, 2017 Washington, DC. Eric Y Zhao, Yaoqing Shen, Erin Pleasance, Katayoon Kasaian, Martin Jones, Carolyn Ch'ng, Caralyn Reisle, Peter Eirew, Karen L Mungall, Nina Thiessen, Yussanne Ma, Alexandra Fok, Andrew J Mungall, Yongjun Zhao, Richard A Moore, Diego Villa, Tamara Shenkier, Caroline Lohrisch, Stephen Chia, Stephen Yip, Karen Gelmon, Howard Lim, Sophie Sun, Kasmintan A Schrader, Sean Young, Aly Karsan, Robyn Roscoe, Janessa Laskin, Marco A Marra, **Steven JM Jones.** Breast Cancer Whole Genomes Link Homologous Recombination Deficiency (HRD) with Therapeutic Outcomes

111. Biocuration 2017, Stanford University, California, March 26th - 29th 2017. Jake Lever, Obi Griffith, Malachi Griffith and **Steven Jones**. CIViCmine: Assisting curation of the CIViC resource using relation extraction. **Oral Presentation.**

112. 7th Annual Bioinformatics and Integrative Genomics Research Day, March 9th, 2017, UBC, Vancouver. Jasleen Grewal, Sitanshu Gakkhar, Yussanne Ma, Yongjun Zhao, Andrew Mungall, Richard Moore, Howard Lim, Daniel Renouf, Karen Gelmon, Stephen Yip, Janessa Laskin, Marco Marra, **Steven J.M. Jones**. Using machine learning to identify site of origin of metastatic tumours. **Poster Presentation.**

113. Keystone Symposia, Whistler, BC March 5-9, 2017. Karasinska JM, Kalloger SE, Wong H, Jones M, Eirew P, Shen Y, Reisle C, Taylor G, Chan S, Ch'ng C, **Jones SJ**, Laskin J, Marra MA, Schaeffer DF, Renouf DJ. Prognostic metabolic signature associated with mutant *KRAS* copy gain in pancreatic ductal adenocarcinoma. **Poster Presentation.**

114. 17th Annual AGBT: General Meeting, February 13-16, 2017. Hollywood, Florida, USA. Martin Jones, Yaoqing Shen, Erin Pleasance, Melika Bonakdar, Carolyn Ch'ing, Caralyn Reisle, Young Song, Greg Taylor, Simon Chan, Wei Zhang, Amir Zadeh, Karen Mungall, Nina Thiessen, Eric Chuah, Tina Wong, Richard Corbett, Yussanne Ma, **Steven Jones**, Janessa Laskin, Marco Marra. Taking whole genomes to the cancer clinic: Integrative analysis for interpretation and communication of whole genome and transcriptome analysis at a tumour board. **(Oral Prentation.)**

115. 6th Annual TFRI BC Node Research Day. Vancouver, BC. Nov 23, 2016. Chun H-JE, Heravi-Moussavi A, Carles A, Wong T, Chuah E, Gerhard DS, Mungall AJ, Moore RA, Ma Y, **Jones SJM**, Perlman EJ, Hirst M, Marra MA. Extra-Cranial Malignant Rhabdoid Tumors Exhibit Heterogeneous DNA Methylation and Histone 3 Lysine 27 Trimethylation Profiles.

116. 6th Annual TFRI BC Node Research Day. Vancouver, BC. Nov 23, 2016. MacLeod T, Brooks D, Pandoh P, Haile S, Corbett RD, Smailus D, Tsao P, McDonald H, Kirk H, Bala M, Miller D, Mungall AJ, Coope R, Ma Y, Moore R, Zhao Y, Holt R, **Jones S,** and Marra MA. An Automated miRNA Library Construction Protocol Capturing a Greater Diversity of miRNA Species.

117. CSCI-CITAC Annual Scientific Meeting. Toronto, ON. Nov 22-23, 2016. Zhao EY, Shen Y, Pleasance E, Kasaian K, Jones M, Ch'ng C, Reisle C, Eirew P, Mungall KL, Thiessen N, Ma Y, Fok A, Mungall AJ, Zhao YJ, Moore RA, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Sun S, Schrader KA, Young S, Karsan A, Roscoe R, Laskin J, Marra MA, **Jones SJM**. Guiding Platinum-based Chemotherapy in Breast Cancer with a Somatic Mutation Signature of Homologous Recombination Deficiency.

118. 6th Annual TFRI BC Node Research Day. Vancouver, BC. Nov 23, 2016. Grewal J, Gakkhar S, Ma Y, Zhao Y, Mungall A, Moore R, Lim H, Renouf D, Gelmon K, Yip S, Laskin J, Marra M, **Jones SJM**. Using machine learning to identify site of origin of metastatic tumours.

119. 6th Annual TFRI BC Node Research Day. Vancouver, BC. Nov 23, 2016. Lai YYY, Shen Y, Grinshtein N, Lever J, Zhao E, Ma Y, Mungall A, Moore R, Senger D, Robbins S, Luchman H, Weiss S, Chan J, Blough M, Cairncross G, Kaplan D, Marra M, **Jones S**. Identification of Therapeutic Targets in Glioblastoma Multiforme

120. The American Society of Human Genetics, (ASHG) October 20, 2016, Vancouver, Canada. Thibodeau M.L., Peters C.H., Townsend K., Shen Y., Hendson G., Adam S., Selby K., Macleod P.M., Gershome C., Ruben P., **Jones S.,** the FORGE Canada Consortium, Friedman J.M., Gibson W., Horvath G., Compound heterozygous *TRPV4* mutations causing severe intellectual disability, neuropathy, myopathy and skeletal involvement. **Poster Presentation.**

121. Till & McCulloch Meetings, Whistler, BC October 24 -26, 2016. Davide Pellacani, Misha Bilenky, Nagarajan Kannan, Alireza Heravi-Moussavi,David J.H.F. Knapp, Sitanshu Gakkhar, Michelle Moksa, Annaick Carles, Richard Moore, Andrew Mungall, Marco A. Marra, **Steven J.M. Jones**, Samuel Aparicio, Martin Hirst, Connie J Eaves. Human Mammary cell transcription factor networks predicted from analyses of differences in enhancer states.

122. American Society of Human Genetics (ASHG) Conference. Vancouver, Canada 18th-22th October 2016. Jake Lever & **Steven JM Jones**. A fast and easy to use framework for automatic biological knowledge base construction. **(Poster Presentation)**

123. ASHG 2016 Annual Meeting. Vancouver, BC. Oct 18-22, 2016. Shen YQ, He A, Zhang W, Thiessen N, Ma Y, Mungall AJ, Moore RA, Gibson W, Marra MA, **Jones SJM.** Identification of causal genes for rare genetic disorders using whole genome and whole exome sequencing.

124. ASHG 2016 Annual Meeting. Vancouver, BC. Oct 18-22, 2016. Zhao EY, Shen YQ, Pleasance E, Kasaian K, Jones M, Ch'ng C, Reisle C, Eirew P, Mungall KL, Thiessen N, Ma Y, Fok A, Mungall AJ, Zhao YJ, Moore RA, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Sun S, Schrader KA, Young S, Karsan A, Roscoe R, Laskin J, Marra MA, **Jones SJM**. Guiding Platinum-based Chemotherapy with a Somatic Mutation Signature of BRCA1/2 Impairment.

125. AGBT: Precision Health Meeting , September 22-24, 2016. Scottsdale, Arizona, USA. Martin Jones, Yaoqing Shen, Erin Pleasance, Carolyn Ch'ng, Caralyn Reisle, Melika Bonakdar, Simon Chan, Greg Taylor, Young Song, Richard Corbett, Karen L Mungall, Nina Thiessen, Eric Chuah, Tina Wong, Alexandra Fok, Richard A Moore, Andrew J Mungall, Yongjun Zhao, Stephen Yip, Karen Gelmon, Howard Lim, Daniel Renouf, Anna Tinker, Sophie Sun, Robyn Roscoe, Yussanne Ma, **Steven JM Jones**, Janessa Laskin, Marco A Marra. A Bioinformatics Pipeline to Facilitate Interpretation and Delivery of Personalized OncoGenomic Data to Assist in Clinical Decision Making **(POSTER)**

126. Canadian Conference on Epigenetics/CEEHRC annual meeting, Esterel, Quebec. September 18-21, 2016. M Bilenky, S Gakkhar, **S Jones,** M Hirst. FindER: A Sensitive Analytical Tool to Study Epigenetic Modifications and Protein-DNA Binding from ChIP-Seq data

127. Canadian Conference on Epigenetics/CEEHRC annual meeting, Esterel, Quebec. September 18-21, 2016. Davide Pellacani, Misha Bilenky, Nagarajan Kannan, Alireza Heravi-Moussavi,David J.H.F. Knapp, Sitanshu Gakkhar, Michelle Moksa, Annaick Carles, Richard Moore, Andrew Mungall, Marco A. Marra, **Steven J.M. Jones**, Samuel Aparicio, Martin Hirst*, Connie J Eaves*. Derivation of transcription factor networks from analyses of active enhancer states in different subsets of normal human mammary cells. * *co-last authors*

128. Cold Spring Harbor Laboratory Meeting on Epigenetics & Chromatin. New York, NY. Sep 13-17, 2016. Chun H-J E, Heravi-Moussavi A, Carles A, Wong T, Chuah E, Gerhard DS, Mungall AJ, Moore RA, Ma Y, **Jones SJM,** Perlman EJ, Hirst M, Marra MA. Extra-cranial malignant rhabdoid tumors exhibit heterogeneous DNA methylation and histone 3 lysine 27 trimethylation profiles. **(Poster presentation)**

129. BLUEPRINT / IHEC meeting Brussels, Belgium. September 4-10, 2016. CJ Eaves, D Pellacani, M Bilenky, N Kannan, A Heravi-Moussavi, DJHF Knapp, S Gakkhar, M Moksa, A Carles, R Moore, A Mungall, MA Marra, **SJM Jones,** S Aparicio & M Hirst, Molecular determinants of functionally distinct normal human mammary cell types.

130. BLUEPRINT / IHEC meeting Brussels, Belgium. September 4-10, 2016. M Bilenky, S Gakkhar, **S Jones,** M Hirst. FindER: A Sensitive Analytical Tool to Study Epigenetic Modifications and Protein-DNA Binding from ChIP-Seq data

131. BioNLP Workshop at Association of Computational Linguistics Conference. Berlin, Germany August 12-13, 2016. Jake Lever & **Steven JM Jones**. VERSE: Relation and Event Extraction in the BioNLP 2016 Shared Task. **(Poster and Oral Presentation)**

132. International Conference on Biological Ontology & BioCreative. Corvallis, Oregon, USA August 1, 2016. Jake Lever, Martin Jones & **Steven JM Jones**. CancerMine: Knowledge base construction for personalised cancer treatment. (**Oral Presentation.)**

133. 16th IUBMB Conference. Vancouver, BC. July17-21, 2016. **Jones SJM** on behalf of BC Cancer Agency's Personalized OncoGenomics Project. Cancer Genomics and Personalized Medicine **(Platform presentation)**

134. Intelligent Systems for Molecular Biology (ISMB) Conference Orlando, Florida, July 8-12, 2016. Celia Siu, Sitanshu Gakkhar, Alireza Heravi-Moussavi, Misha Bilenky, Annaick Carles, Thomas Sierocinski, Angela Tam, Eric Zhao, Katayoon Kasaian, Richard Moore, Andy Mungall, Blair Walker, Thomas Thomson, Sam Wiseman, Marco Marra, Martin Hirst, **Steven Jones**. Bioinformatic characterization of the normal thyroid reference epigenome.

135. Regulatory Genomics Special Interest Group Conference, Orlando, Florida, July 8-12, 2016. Celia Siu, Sitanshu Gakkhar, Alireza Heravi-Moussavi, Misha Bilenky, Annaick Carles, Thomas Sierocinski, Angela Tam, Eric Zhao, Katayoon Kasaian, Richard Moore, Andy Mungall, Blair Walker, Thomas Thomson, Sam Wiseman, Marco Marra, Martin Hirst, **Steven Jones**. Bioinformatic characterization of the normal thyroid reference epigenome.

136. High Throughput Sequencing Conference, Orlando, July 8 – 12, 2016. Jackman SD, Warren RL, Gibb E, Vandervalk BP, Mohamadi H, Chu J, Raymond A, Pleasance S, Coope R, Wildung MR, Ritland C, Bousquet J, **Jones SJM,** Bohlmann J, Birol I**.** Organellar Genomes of White Spruce (Picea glauca): Assembly and Annotation

137. ASCO Annual Meeting. Chicago, IL. June 3-7, 2016. Wong H-L, Jones M, Eirew P, Karasinska J, Schrader KA, Lim HJ, Shen YQ, **Jones S**, Yip S, Laskin JL, Schaeffer DF, Renouf DJ. Comprehensive genomic analysis in metastatic pancreatic ductal adenocarcinoma (PDAC). (ASCO Annual Meeting Proceedings. 2016; 34 (4_suppl): 285. )

138. TFRI 7th Annual Scientific Meeting. Vancouver, BC. May 12-14, 2016. Chun H-Y E, Moussavi A, Carles A, Wong T, Chuah E, Schein JE, Gerhard DS, Mungall AJ, Moore RA, Ma Y, **Jones SJM,** Perlman EJ, Hirst M, Marra MA. Extra-cranial malignant rhabdoid tumours exhibit heterogeneous DNA methylation and gene expression profiles.

139. AACR Annual Meeting. New Orleans, LA. Apr 16-20, 2016. Wong H-L, Karasinska J, Jones M, Eirew P, Schrader K, Lim H, Shen YQ, **Jones S**, Yip S, Laskin J, Marra M, Schaeffer DF, Renouf D. Gene expression analysis demonstrates prognostic subtypes in metastatic pancreatic ductal adenocarcinoma (PDAC)

140. AACR Annual Meeting. New Orleans, LA. Apr 16-20, 2016. Laskin J, Shen YQ, Renouf D, Jones M, Lim H, Fok A, Ho C, Deol B, Gelmon K, Chia S, Moore R, Mungall A, Yip S, **Jones S**, Marra M. Restrictions on access to systemic therapy limit the application of whole genome sequencing in clinical care.

141. AACR Annual Meeting. New Orleans, LA. Apr 16-20, 2016. Schrader KA, Chu'ng C, Zhao E, Wong H, Shen Y, Jones M, Thomson T, Lim H, Young S, Cremin C, Holt R, Eirew P, Karasinska J, Schein J, Zhao YJ, Mungall A, Moore R, Ma Y, Fok A, Roscoe R, Yip S, Mitchell G, Karsan A, **Jones S**, Schaeffer D, Laskin J, Marra M, Renouf D. Genomic analysis of pancreatic ductal adenocarcinoma in a patient with MUTYH-associated Polyposis.

142. VanBug Seminar, Vancouver, BC, March 2016. Chun H-Y, Lim EL, Heravi-Moussavi A, Modaber SS, Mungall KL, Bilenky M, Carles A, Tse K, Shlafman I, Zhu K, Qian JQ, Harvey D, He An, Long W, Goya R, Ng M, LeBlanc V, Pleasance E, Thiessen N, Wong T, Chuah E, Zhao YJ, Schein JE, Gerhard DS, Taylor MD, Mungall AJ, Moore RA, Ma Y, **Jones SJM,** Perlman EJ, Hirst M, Marra MA. "Heterogeneous epigenetic landscape of extra-cranial malignant rhabdoid tumours". **Oral Presentation.**

143. B.I.G. Research Day, University of British Columbia. Vancouver, BC. Mar 11, 2016. Couse MH, Dias C, Shen Y, Zahir FR, Townsend K, Marra MA, **Jones SJ**, Friedman JM. Non-coding variation in patients with Aicardi Syndrome. **(Poster presentation)**

144. 7th International Conference on Drug Discovery and Therapy, University of Sharjah, Sharjah, UAE, February 2016. Sreeja Leelakumari, Oleksandr Yakovenko, Mor Ngom, Jianghong An, Andy J. Mungall, R. Keith Humphries and **Steven J.M. Jones.** The generation of an artificial triple complex to orchestrate the epigenetic reprogramming of BPTF in MLL2 mutant lymphomas (**Poster Presentation)**

145. The 16th Annual AGBT Meeting. Orlando, FL. Feb 10-13, 2016. Moore RA, Shen Y , Kasaian K, Leelakumari S, Pleasance E, Eirew P, Jones M, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Tsang P, Mungall AJ, Zhao YJ, Yip S, Gelmon K, Lim H, Renouf D, Tinker A, Sun S, Roscoe R, **Jones SJM**, Laskin J, Marra MA. Whole Genome and Transcriptome sequencing for Personalized Cancer Therapy: Lessons learned from first 300 cases. **Poster Presentation**

146. The 16th Annual AGBT: General Meeting, February 10-13, 2016. Orlando, Florida, USA. Martin Jones, Yaoqing Shen, Erin Pleasance, Carolyn Ch'ng, Caralyn Reisle, Melika Bonakdar, Young Song, Richard Corbett, Karen L Mungall, Nina Thiessen, Eric Chuah, Tina Wong, Katayoon Kasaian, Sreeja Leelakumari, Peter Eirew, Alexandra Fok, Richard A Moore, Jacquie Schein, Andrew J Mungall, Yongjun Zhao, Stephen Yip, Karen Gelmon, Howard Lim, Daniel Renouf, Anna Tinker, Sophie Sun, Robyn Roscoe, Yussanne Ma, **Steven JM Jones**, Janessa Laskin, Marco A Marra. Utilization of Whole Genome Analysis Approaches for Personalized Therapy Decision Making in Patients with Advanced Malignancies **(Poster Presentation)**

147. The 16th Annual AGBT Meeting. Orlando, FL. Feb 10-13, 2016. Ma Y, Craig DW, Nasser S, Corbett R, Chan S, Long W, Murray L, Legendre C, Tembe W, Enriquez D, Adkins J, Kim N, Wong S, Baker A, e Pond S, Mungall AJ, Moore R, Pleasance E, **Jones S**, McDaniel T, Marra M, Carpten JD, Liang WS. Benchmarking a cancer genome sequencing pipeline using a new reference standard. **Poster Presentation**

148. The 16th Annual AGBT Meeting. Orlando, FL. Feb 10-13, 2016. Zhao YJ, Merhu S, Tsao P, Corbett R, MacLeod T, Pandoh P, McDonald H, Kirk H, Smailus D, Bala M, Miller D, Ma Y, Coope R, Mungall A, Moore R, Hirst M, Holt RA, **Jones SJM**, Marra MA. An Automated and Streamlined Strand-specific RNASeq Pipeline Allows High Throughput Processing of Low Input Samples. **Poster Presentation**

149. The 16th Annual AGBT Meeting. Orlando, FL. Feb 10-13, 2016. Zhao EY, Shen Y, Pleasance E, Kasaian K, Leelakumari S, Jones M, Bose P, Ch'ng C, Reisle C, Eirew P, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Mungall AJ, Zhao YJ, Moore RA, Wilson S, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Renouf D, Sun S, Schrader KA, Roscoe R, Laskin J, Marra MA, **Jones SJM.** BRCA-Related Genomic Signature Predicts Clinical Improvement with Cisplatin. **Poster Presentation**

150. Annual Canadian MD/PhD & CIP Trainee Conference. Toronto, ON. Nov 23-25, 2015. Zhao EY, Shen Y, Pleasance E, Kasaian K, Leelakumari S, Jones M, Bose P, Ch'ng C, Reisle C, Eirew P, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Mungall AJ, Zhao YJ, Moore RA, Wilson S, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Renouf D, Sun S, Schrader KA, Roscoe R, Laskin J, Marra MA, **Jones SJM**. A BRCA-Related Genomic Signature Associated With Clinical Improvement On Cisplatin. **Poster Presentation**

151. 5th Annual TFRI BC Node Research Day. Vancouver, BC. Nov 16, 2015. Haile S, McDonald H, Pandoh P, Corbett R, Kirk H, Tsao P, Smailus D, Bilobram S, MacLeod T, Jones M, Bala M, Hirst M, Miller D, Moore R, Mungall A, Schein J, Steidl C, Ma Y, Coope R, Zhao YJ, Holt R, **Jones S**, Marra MA. A Streamlined, High Throughput and Automated Suite of Protocols for Extraction and Total RNA/gDNA Sequencing of Formalin-Fixed Paraffin-Embedded Clinical Specimens. **Poster Presentation**

152. BC Cancer Research Centre Thursday Oncology Seminar Series. Vancouver, BC. Nov 2015. Chun H-Y, Lim EL, Heravi-Moussavi A, Modaber SS, Moussavi A, Mungall KL, Bilenky M, Carles A, Tse K, Shlafman I, Zhu K, Qian JQ, Harvey D, He An, Long W, Goya R, Ng M, LeBlanc V, Pleasance E, Thiessen N, Wong T, Chuah E, Zhao YJ, Schein JE, Gerhard DS, Taylor MD, Mungall AJ, Moore RA, Ma Y, **Jones SJM,** Perlman EJ, Hirst M, Marra MA. Extra-cranial malignant rhabdoid tumours have molecularly distinct subgroup. **(Oral presentation)**

153. Cell Symposia: Human Genomics. Singapore. Nov 8-10, 2015. Chun HJ, Lim EL, Heravi-Moussavi A, Saberi S, Mungall KL, Bilenky M, **Jones SJM**, Perlman EJ, Hirst M, Marra MA. Genome-wide profiles of extra-cranial malignant rhabdoid tumours reveal molecularly distinct subgroups with dysregulated developmental pathways. **(Poster presentation)**

154. The Canadian Cancer Research Conference 2015; November 8-11, 2015; Montreal, QC. **S Jones**, J Voong, R Thomas, A English, J Schuetz, GW Slack, J Graham, JM Connors and A Brooks-Wilson. Non-random occurrence of Hodgkin lymphoma, non-Hodgkin lymphoma, myeloma and chronic lymphocytic leukemia in lymphoid cancer families. **Poster Presentation.**

155. 6th Annual Gained in Translation Summit Meeting. Portland, USA. October 24, 2015. de Leeuw CN, Korecki AJ, Berry GE, Hickmott JW, Lam SL, Lengyell TC, Bonaguro RJ, Borretta L, Chou AY, D'Souza CA, Kaspieva O, Laprise S, McInerny SC, Portales-Casamar E, Swanson-Newman MI, Wong K, Yang GS, Zhou M, **Jones SJM**, Holt RA, Asokan A, Goldowitz D, Wasserman WW and Simpson EM. rAAV-Compatible MiniPromoters with restricted expression in the Brain and Eye; including ganglion, bipolar, and Müller glia cells

156. American Society for Human Genetics Annual Meeting; Oct. 6-10, 2015; Baltimore, MD, USA. **Jones S**, Voong J, Thomas R, English A, Schuetz J, Slack GW, Graham J, Connors JM and A Brooks-Wilson. Non-random occurrence and early age of onset of diverse lymphoid cancers in families supports the existence of genetic risk factors for multiple lymphoid cancers

157. Canadian Association of Genetic Counselors Annual Meeting; September 9-12, 2015; Ottawa, ON. Thomas R, **Jones S**, Voong J, English A, Schuetz J, Slack G, Graham J, Connors J, Brooks-Wilson A. Analysis of inheritance patterns of lymphoid cancer in Canadian families. **(Poster Presentation).**

158. Intelligent Systems for Molecular Biology / European Conference on Computational Biology, Dublin July 2015. Warren RL, Vandervalk BP, Yang C, **Jones SJM**, Birol I. "Scaffolding draft genomes with long reads."

159. High Throughput Sequencing Conference, Dublin, July 2015. Warren RL, Vandervalk BP, Yang C, **Jones SJM**, Birol I. "Scaffolding draft genomes with LINKS."

160. In Proceedings of 5th Symposium on Biological Data Visualization (BioVis 2015), Dublin, Ireland July 10-11, 2015. Hamid Younesy, Torsten Möller, Matthew C Lorincz, Mohammad M Karimi, and **Steven JM Jones**. VisRseq: R-based visual framework for analysis of sequencing data. **Oral Presentation. Published Aug. 13, 2015**

161. InterLymph Annual Meeting, Groningen, NL. June 22-25, 2015. **S Jones**, J Voong, R Thomas, A English, J Schuetz, GW Slack, J Graham, JM Connors and A Brooks-Wilson. Non-random occurrence of lymphoid cancers in families. **(Poster)**

162. Personalized Medicine Summit. Vancouver, BC. June 7-9, 2015. Zhao E, Shen Y, Pleasance E, Kasaian K, Leelakumari S, Jones M, Bose P, Eirew P, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Mungall AJ, Zhao YJ, Moore RA, Wilson S, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Renouf D, Sun S, Schrader I, Roscoe R, Laskin J, Marra MA, **Jones SJM**. Searching for Targetable Mutation Signatures in a Mixed Cancer Cohort.

163. Clinician Investigator Program Annual Research Fellows Day, University of British Columbia. Vancouver, BC. June 5, 2015. Zhao E, Shen Y, Pleasance E, Kasaian K, Leelakumari S, Jones M, Bose P, Eirew P, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Mungall AJ, Zhao YJ, Moore RA, Wilson S, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Renouf D, Sun S, Schrader I, Roscoe R, Laskin J, Marra MA, **Jones SJM**. Searching for Targetable Mutation Signatures in a Mixed Cancer Cohort.

164. ISSCR Stockholm, Sweden, June 2015. Heravi-Moussavi A, Raghavan K, Bilenky M, Carles A, Moore R, Mungall A, **Jones S**, Marrra MA, Larocque N, Fisher SJ, Costello JF, Hirst M. "Expression and Epigenetic States of Human Embryonic Stem Cells Under Endogenous Oxygen Tension". **(Poster)**

165. Annual Meeting of the American Society of Clinical Oncology. Chicago, IL. May-June 2015. Koyoma T, **Jones S,** Utro F, Ma Y, Rhrissorrakrai K, Shen YQ, Carmeli J, Jones M, Waks Z, Pleasance E, Norel R, Moore R, Bilal E, Mungall AJ, Beaty K, Schein J, Michelini VV, Marra M, Royyuru A, Laskin J. Implementation of Watson genomic analytics processing to improve the efficiency of interpreting whole genome sequencing data on patients with advanced cancers. (J Clin Oncol. 2015 May 20; 33 (15) Suppl S).

166. 9th Annual Canadian Neuroscience Meeting, Vancouver, BC. May 25, 2015. Korecki, A.J., de Leeuw, C.N., Lam, S., Berry, G.E., Hickmott, J.W., Lengyell, T.C., Bonaguro, R.J., Borretta, L., Chou, A.Y., Kaspieva, O., Laprise, S., McInerny, S.C., Portales-Casmar, E., Swanson, M.I., Wong, K., Yang, G.S., Zhou, M., Holt, R.A., **Jones, S.J.M.,** Wasserman, W.W., Asokan, A., Goldowitz, D., and Simpson, E.M. AAV-compatible MiniPromoters Target Specific Celltypes of the Central Nervous System (Poster).

167. Genome British Columbia 13th Annual Genomics Forum. University of British Columbia Pharmaceutical Building, 8th May 2015. Jennifer Asano, Naz AzRahimi, Sundeep Chahal, Stephanie Cho, Merinda Deng, Baljit Kamoh, Amy Leung, Diana Mah, Corey Matsuo, Nasrin M. Mawji, Ken Thorne, Eva K. Trinh, Adrian Ally, Noreen Dhalla, Angela Tam, Rob Holt, **Steven J. Jones,** Marco A. Marra, Andrew J. Mungall. Preparing for the Deluge-Developments in High-Throughput Sample Preparation and Library Construction.

168. The American Society of Pediatric Hematology/Oncology's 28th Annual Meeting. Phoenix, AZ. May 6-9, 2015. Rassekh S, Deyell R, Shen YQ, Lee A, Dunham C, Virani A, Armstrong L, Morin R, Yip S, Pleasance E, Jones M, Schein J, Mungall A, Zhao YJ, Moore R, Ma Y, **Jones S,** Laskin J, Marra, M. Pediatric personalized oncogenomics (PedsPOG) - initial outcomes. **(Pediatr Blood & Cancer. 2015 Jun; 62:25 Suppl 2)**

169. 2015 AACR annual meeting, Philidelphia, Pennsylvania April 18 – 22, 2015. Daryanaz Dargahi, Leanna Yee, Peter J. Bergqvist, Richard D. Swayze, Edie M. Dullaghan, Jianghong An, Bradley J. Hedberg, Ryan Dercho, Christopher Bond, John S. Babcook, **Steven J.M. Jones.** Pan-Cancer Identification and Prioritization of Cancer-Associated Differentially Expressed Genes: A Biomarker Discovery Application. **Poster Presentation.**

170. The Canadian Human and Statistical Genetics Meeting; April 18-21, 2015; Vancouver, BC. D Liu, **S Jones,** R Thomas, GW Slack, JM Connors, A Brooks-Wilson and J Graham. Is There Anticipation in the Age at Onset of Familial Lymphoid Cancers?

171. The Canadian Human and Statistical Genetics Meeting; April 18-21, 2015; Vancouver, BC. C Nieuwoudt, **S Jones**, R Thomas, GW Slack, JM Connors, A Brooks-Wilson and J Graham*. Prioritizing rare variants in lymphoid cancer families. **(Poster)**

172. The Canadian Human and Statistical Genetics Meeting; April 18-21, 2015; Vancouver, BC**. S Jones**, J Voong, R Thomas, A English, J Schuetz, GW Slack, J Graham, JM Connors and A Brooks-Wilson. Non-random occurrence of lymphoid cancers in 141 lymphoid cancer families. **(Poster)**

173. 204th Annual Meeting of the United States and Canadian Academy of Pathology. Boston, MA. Mar 21-27, 2015. Yip S, Sheffield B, Jones M, Pleasance E, Schaeffer D, Ng T, Li-Chang H, Lim H, Renouf D, Shen YQ, **Jones S**, Laskin J, Marra M. Next Generation Pathology: The Intergation of Next Generation Sequencing With Glass-Based Histomorphology and Immunohistochemistry. (Mod Pathol. 2015 Feb; 28:465A Suppl 2)

174. 2015 AGBT Meeting. Marco Island, Florida, February 25-28, 2015. Mungall A, Ben-Neriah S, Boyle M, Corbett R, Costa S, Cromwell I, Docking R, Fok A, Hother C, Hung S, Kasaian K, Leelakumari S, Meissner B, Mungall K, Pleasance E, Roos A, Scott D, Shen Y, Swanson L, Tam A, Thiessen N, Tse K, Yang L, Zeng T, Zhao Y, Ma Y, Moore R, Roscoe R, Schein J, **Jones S**, Laskin J, Peacock S, Steidl C, Gascoyne R, Karsan A, Connors J, Marra M. Generating targeted and genome-wide data for cancer patients in a clinically meaningful timeframe. **( Poster Presentation)**

175. Clinical Investigator Trainee Association of Canada, Toronto, Canada, November 24 – 26, 2014. Zhao EY, Shen Y, Pleasance E, Kasaian K, Leelakumari S, Jones M, Bose P, Eirew P, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Mungall AJ, Zhao Y, Moore RA, Wilson S, Villa D, Shenkier T, Lohrisch C, Chia S, Yip S, Gelmon K, Lim H, Renouf D, Sun S, Roscoe R, Laskin J, Marra MA, **Jones SJM**. Searching for Targetable Mutation Signatures in a Mixed Cancer Cohort. **Poster Presentation**.

176. 4th Annual TFRI BC Node Research Day, Vancouver, Canada, November 13, 2014. Kasaian K, Shen Y, Leelakumari S, Eirew P, Li Y, Pleasance E, Corbett R, Mungall K, Schein J, Mungall A, Zhao Y, Moore R, Yip S, Gelmon K, Lim H, Renouf D, Roscoe R, Ma Y, Marra M, Laskin J, **Jones S.** Bioinformatic analyses approaches for personalized Oncogenomics. **Poster Presentation**

177. Beyond the Genome, Boston, USA, October 8-10, 2014. Kasaian K, Shen Y, Leelakumari S, Pleasance E, Jones M, Li YY, Mungall KL, Schein J, Mungall AJ, Zhao Y, Moore RA, Ma Y, Yip S, Gelmon K, Lim H, Renouf D, Laskin J, Marra MA, **Jones SJM**. Bioinformatics Analyses Approaches for Personalized Oncogenomics**. Oral Presentation.**

178. Genome Informatics, Cambridge, UK, September 19- 24, 2014. , Daryanaz Dargahi, Leanna Yee, Peter J. Bergqvist, Richard D. Swayze, Edie M. Dullaghan, Jianghong An, Bradley J. Hedberg, Ryan Dercho, John S. Babcook, **Steven J.M. Jones.** Pan-cancer analysis of alternative splicing events reveals novel commonly altered splicing patterns. **Oral Presentation.**

179. Genome Informatics, Cambridge, UK, September 19 – 24, 2014. Shen Y, Kasaian K, Leelakumari S, Pleasance E, Jones M, Bose P, Eirew P, Corbett R, Mungall KL, Thiessen N, Ma Y, Fok A, Schein J, Mungall AJ, Zhao Y, Moore RA, Yip S, Gelmon K, Lim H, Renouf D, Sun S, Roscoe R, **Jones SJM**, Laskin J, Marra MA. Utilization of Whole Genome Analysis Approaches for Personalized Therapy Decision Making in Patients with Advanced Malignancies. **Oral Presentation.**

180. Canadian Association of General Surgeons (CAGS), Vancouver, Canada, September 17 – 20, 2014. Moore SE, Kasaian K, **Jones S**, Melck A, Wiseman SM. Papillary Thyroid Cancer: Epidemiology and clinical implications of bilateral disease. **Oral Presentation.**

181. ISMB Conference, Boston, Mass. July 10 – 15, 2014. Daryanaz Dargahi, Leanna Yee, Peter J. Bergqvist, Richard D. Swayze, Edie M. Dullaghan, Jianghong An, Bradley J. Hedberg, Ryan Dercho, John S. Babcook, **Steven J.M. Jones.** Pan-cancer analysis of alternative splicing events reveals novel tumor biomarkers shared by different tumor types. **Poster Presenation.**

182. ISSCR 12th Annual Meeting, June 18 – 21, 2014, Vancouver, BC. Heravi-Moussavi Alireza, Raghavan Karthika, Bilenky Misha, Carles Annaick, Moore Richard, Mungall Andy, **Jones Steven,** Marra Marco A., LaRoque Nick, Fisher Susan, Costello Joseph F., Hirst Martin J. Epigenetic Profiling of Human Embryonic Stem Cells at Endogenous Oxygentension.

183. ASGCT 17th Annual Meeting, May 21-24, 2014 in Washington, DC. Elizabeth M. Simpson, Charles N. de Leeuw, Siu Ling Lam, Andrea J. Korecki, Russell J. Bonaguro, Kaelan Wong, Michelle Zhou, Garrett E. Berry, Tess C. Lengyell, Olga Kaspieva, Stéphanie Laprise, Lisa Borretta, Simone C. McInerny, Alice Y. Chou, Elodie Portales-Casamar, Cletus A. D'Souza, Magdalena I. Swanson, George S. Yang, **Steven J.M. Jones**, Robert A. Holt, Aravind Asokan, Wyeth W. Wasserman, Ph.D. and Daniel Goldowitz. **Title:** Regional-CNS MiniPromoters for AAV are Identified in a High Through-put Pipeline. **(Poster Presentation).**

184. 2nd International Conference on Intergrative Salmonid Biology (ISISB), June 10 – 12, 2014, Vancouver, BC. Ben Koop, Jong Leong, David Minkley, Gret Taylor, **Steven Jones.** Gene and transposable element evolution in the restabilization of the Atlantic salmon genome. **(Oral presentation).**

185. ASCO Annual Meeting, May 30 – June 3, 2014. Chicago, Illinois. Simon Daniel Baxter, Howard John Lim, Yaoqing Shen, Janessa J. Laskin, Daniel John Renouf, Stephen Yip, David Huntsman, Stephen K. L. Chia, Yvonne Li, Katayoon Kasaian, Peter Eirew, Sreeja Leelakumari, Yussanne Ma, Samuel Aparicio, **Steven Jones**, Marco Marra. Whole genome DNA and RNA sequencing in patients with metastatic colorectal cancer (mCRC).

186. TCGA Third Annual Scientific Symposium, Bethesda, USA, May 2014. Mungall AJ, Shen Y, Kasaian K, Mungall KL, Corbett R, Eirew P, Fok A, Leelakumari S, Li YY, Pleasance E, Thiessen N, Tse K, Zeng T, Zhao Y, Gelmon K, Karsan A, Lim H, Ma Y, Moore RA, Renouf DJ, Roscoe R, Schein J, Sun S, Yip S, **Jones SJM**, Laskin JJ, Marra MA. Using TCGA data to inform on precision medicine in late-stage cancer settings. **Oral Presentation.**

187. Genome BC 12th Annual Genomics Forum, Vancouver, Canada, May 2014. Kasaian K, Shen Y, Leelakumari S, Eirew P, Li Y, Pleasance E, Corbett R, Mungall K, Schein J, Mungall A, Zhao Y, Moore R, Yip S, Gelmon K, Lim H, Renouf D, Roscoe R, Ma Y, Marra M, Laskin J, **Jones S**. Bioinformatic analyses approaches for personalized Oncogenomics. **Poster award.**

188. Keystone Symposia on Molecular and Cellular Biology. (Autophagy:Fundamentals to Disease) May 23-28, 2014. Austin, Texas. A Hannigan, J An, J Xu, L Vezenkov, C Choutka, A Leung, S Kovacic, D Bosc, S. Bortnik, N Honson, T Pfeifer, R Young, **S Jones**, S Gorski. AI4-28: a first-in-class small molecule inhibitor of Atg4B autophagy activity.

189. Annual Meeting of the American Scociety of Gene & Cell Therapy (ASGCT) May 20 – 24, 2014. Washington, DC. Elizabeth M. Simpson, Charles N. de Leeuw, Siu Ling Lam, Andrea J, Korecki, Russell J. Bonaguro, Kaelan Wong, Michelle Zhou, Garrett E. Berry, Tess C, Lengyell, Olga Kaspieva, Stéphanie Laprise, Lisa Borretta, Simone C. McInerny, Alice Y. Chou, Elodie Portales-Casamar, Cletus A. D'Souza, Magdalena I, Swanson, George S. Yang, **Steven J.M. Jones**, Robert A. Holt, Aravind Asokan, Wyeth W.

Wasserman and Daniel Goldowitz. Regional-CNS MiniPromoters for AAV are Identified in a High Through-put Pipeline.

190. United States and Canadian Academy of Pathology Meeting, San Diego, USA, March 2014. Ng TL, Kasaian K, Thomson T, Yip ST, Zhao Y, Schein J, Moore RA, **Jones SJ,** Marra MA, Laskin J, Ho C. Genomic Analyses of Head and Neck Cancers Illustrate Novel and Confirmatory Molecular Genetic Findings with Potential Therapeutic Impact: Experience From the Personalized Oncogenomics Project. **Poster Presentation**

191. The 15th Annual AGBT Meeting. Feb 12-15, 2014. Marco Island, FL. Gascard P, Bilenky M, Sigaroudinia M, Zhao J, Tam A, Kamoh B, Cheung D, Li I, Li L, Moussavi A, Carles A, Nagarajan RP, Hong C, Echipare L, O'Geen H, Hangauer M, Cheng JB, Neel D, McManus M, Moore R, Wang T, Farnham P, **Jones SJM**, Marra MA, Tlsty TD, Costello JP, Hirst M. Persistent and transient epigenomic states in mammary gland development. **(Oral presentation)**

192. The 15th Annual AGBT Meeting. Feb 12-15, 2014. Marco Island, FL. Mungall AJ, Bowlby R, Mungall KL, Nip KM, Chu J, Chu A, Robertson AG, Brooks D, Sipahimalani P, Chiu R, Qian JQ, Thiessen N, He A, Tam A, Birol I, Ma Y, Moore RA, Schein JE, **Jones SJM**, Marra MA and TCGA Research Network. Detection of pathogen messenger RNA and microRNA transcripts in human cancer transcriptomes. **(Oral presentation)**

193. The 15th Annual AGBT Meeting. Feb 12-15, 2014. Marco Island, FL. Docking R, Bosdet I, Chan S, Swanson L, Yang L, Mungall A, Zeng T, Coope R, Munro S, Jadersten M, Sung S, Chang L, Duns G, Parker J, Birol I, Moore R, **Jones S**, Hogge D, Marra M, and Karsan A. RNA-Seq and Gene-panel Assays for Risk Stratification in Acute Myeloid Leukemia. **(Poster presentation)**

194. ASCO 2014 Gastrointestinal Cancers Symposium, San Francisco, CA. January 16-18, 2014. Daniel John Renouf, Janessa J. Laskin, Howard John Lim, Stephen Yip, David Schaeffer, David Huntsman, Ryan Morin, Yvonne Li, Yaoqing Shen, Yongjun Zhao, Katayoon Kasaian, Sreeja Leelakumari, Richard Corbett, Peter Eirew, Karen Mungall, Andy Mungall, Jacquie Schein, Robyn Roscoe, **Steven Jones**, Marco Marra. Detailed genomic analysis in patients with pancreatic ductal adenocarcinoma (PDAC).

195. Pacific Symposium on Biocomputing, Big Island, USA, January 2014. Kasaian K, Mungall KL, Schein J, Zhao Y, Moore RA, Hirst M, Marra MA, Walker BA, Wiseman SM, **Jones SJM**. Transcriptomic Analysis of Benign and Malignant Thyroid Nodules. **Poster Presentation**.

196. The 12th Asia Pacific Bioinformatics Conference, Shanghai, China, January 2014. Shing Zhan, **Steven Jones.** Computational Analysis of Immune Escape Strategies in Non-Small Cell Lung Cancers.

197. NIH Roadmap project annual conference in Boston, Oct. 20-21, 2013. Li L, Bilenky M, Carles A, Hong C, Maire C, Tam A, Kamoh B, Cho S, Cheung D, Wong T, Nagarajan R, Mungall AJ, Moore R, Wang T, **Jones SJM**, Ligon K. Marra MA, Costello J, Hirst M. "DNA Methylation Analysis of Fetal Brain from Monozygotic Twins". **Poster Presentation.**

198. 3rd Annual TFRI–BC Node Research Day, Vancouver, BC, October 2013. Annaick Carles, Misha Bilenky, Alireza Heravi-Moussavi, Dean Cheng, Irene Li, Richard Varhol, Richard Corbett, Kelsey Zhu, Liza Chui Shan Leung, William Long, Yussane Ma, Eric Chuah, **Steven Jones**, Martin Hirst. Whole Genome Bisulfite Sequencing Quality Control Pipeline

199. 3rd Annual TFRI–BC Node Research Day, Vancouver, BC, October 2013. Misha Bilenky, Sitanshu Gakkhar, Annaick Carles, Brad Davis, Joseph F. Costello, **Steven J.M. Jones**, Martin Hirst. FindER: analysis and QC tool for ChIP-Seq experiments.

200. The 15th Australian Wine Industry Technical Conference. Sydney, Australia, 13 – 18, July 2013. Simon A. Schmidt, Anthony R. Borneman, Justin Chu, Paul J. Chambers, Peter Dry, Nick Dry, Mike McCarthy, Hendrick J.J. van Vuuren, Jörg Bohlmann, **Steven J.M. Jones**, Samantha Turner, Isak S. Pretorius, Daniel Johnson. Chardonnay clonal variation – A comparative genomic and phenotypic evaluation. (**Poster Presentation).**

201. The Endocrine Society's 95th Annual Meeting & Expo, San Francisco. June 15 – 18, 2013. Choi H, Kasaian K, Kowal J, **Jones S**, White A, Wiseman S. Differentiated Thyroid Cancer: Clinical Presentation as Prognostic Variable.

202. Tree Biotechnology Conference. Asheville, North Carolina, May May 27 – 28, 2013. Inanc Birol, Anthony Raymond, Shaun D Jackman, Stephen Pleasance, Robin Coope, Greg A Taylor, Macaire Man Saint Yuen, Christopher I Keeling, Dana Brand, Benjamin P Vandervalk, Heather Kirk, Pawan Pandoh, Richard A Moore, Yongjun Zhao, Andrew J Mungall, Detlef Weigel, Margarete Hoffman, Barry Jaquish, Alvin Yanchuk, Carol Ritland, Brian Boyle, Jean Bousquet', Kermit Ritland, John MacKay', Jörg Bohlmann, **Steven JM Jones**. Shotgun sequencing and assembly of the 20 Gb white spruce (*Picea glauca*) genome

203. 12th International Symposium on Mutation in the Genome, Lake Louise, Banff, Alberta. April 22 – 26, 2013. **Steven Jones**, Howie Lim, Karen Gelmon, Daniel Renouf, Stephen Yip, David Huntsmen, Anna Tinker, Cheryl Ho, Erin Pleasance, Yvonne Li, Yaoqing Shen, Katayoon Kasaian, Richard Corbett, Jasleen Grewal, Sreeja Leelakumari, Alexandra Fok, Pawan Pandoh, Helen McDonald, Simon Haile Merhu, Katty Cruz, Peter Eirew, Karen Mungall, Yongjun Zhao, Andy Mungall, Jacquie Schein, Robyn Roscoe, Janessa Laskin, Marco Marra. Detection of somatic tumour mutations to inform therapeutic decision-making in patients with advanced malignancies.

204. Canadian Association for Neuroscience Meeting; Toronto, Ontario. May 21-24, 2013. Elizabeth M. Simpson, Charles N. de Leeuw, Frank M. Dyka, Sanford L. Boye, Stéphanie Laprise, Michelle Zhou, Alice Y. Chou, Lisa Borretta, Simone C. McInerny, Elodie Portales-Casamar, Magdalena I. Swanson, Cletus A. D'Souza, **Steven J.M. Jones**, Robert A. Holt, Daniel Goldowitz,William W. Hauswirth, Wyeth W. Wasserman. Human MiniPromoters for the Brain, Eye, and Spinal Cord; Developed in the Mouse Genome but Delivering the Same Restricted Expression in the AAV Genome. (Poster presentation).

205. American Society of Gene & Cell Therapy (ASGCT) Annual Meeting, Salt Lake City, Utah. May 15-18, 2013. Elizabeth M. Simpson, Charles N. de Leeuw, Frank M. Dyka, Sanford L. Boye, Stéphanie Laprise, Michelle Zhou, Alice Y. Chou, Lisa Borretta, Simone C. McInerny, Elodie Portales-Casamar, Magdalena I. Swanson, Cletus A. D'Souza, **Steven J.M. Jones,** Robert A. Holt, Daniel Goldowitz,William W. Hauswirth, Wyeth W. Wasserman. New MiniPromoters with Restricted-Retinal Expression when Docke in the Mouse Genome Show the Same Expression when Delivered in AAV. **(Poster presentation).**

206. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, USA. May 31, 2013. Janessa J. Laskin, Howard John Lim, Karen A. Gelmon, Cheryl Ho, Daniel John Renouf, Stephen Yip, David Huntsman, Anna Tinker, Erin Pleasance, Yvonne Li, Yaoqing Shen, Katayoon Kasaian, Richard Corbett, Karen Mungall, Andrew Mungall, Yongjun Zhao, Jacquie Schein, Robyn Roscoe, **Steven Jones,** Marco Marra. Practical application of whole genome and transcriptome tumour analysis to guide chemotherapy decision-making for patients with advanced cancers.

207. American Association for Cancer Research (AACR) Annual Meeting, Washington, DC, USA. April 6-10, 2013. Janessa Laskin, Howie Lim, Karen Gelmon, Daniel Renouf, Stephen Yip, David Huntsmen, Anna Tinker, Cheryl Ho, Erin Pleasance, Yvonne Li, Yaoqing Shen, Katayon Kasaian, Richard Corbett, Karen Mungall, Yongjun Zhao, Andy Mungall, Jacquie Schein, Robyn Roscoe, **Steven Jones,** Marco Marra. Genome analysis informs chemotherapy decision-making in patients with advanced malignancies. (**Poster presentation).**

208. Joint Conference of HGM 2013 & 21st International Congress of Genetics, Singapore, Singapore. April 13 – 18, 2013. F. Zahir, Y. Shen, S. Adam, FORGE Canada Consortium, M. Marra, **S. Jones**, J. Friedman. Whole Genome Sequencing for Siblings with Severe Interlectual Disability.

209. BC Surgical Society Annual Spring Meeting, Sun Peaks. March 21 – 23, 2013. Moore S, Kasaian K, Kowal J, **Jones S**, Wiseman S. Epidemiology and Clinical Implications of Papillary Thyroid Carcinoma Bilaterality.

210. The 14th Annual AGBT Meeting. Marco Island, FL. Feb 20-23, 2013. Mungall AJ, Bowlby R, Chu A, Chun H-J, Robertson AG, Lim E, Mungall KL, Chiu R, Hamilton K, Chu J, Nip KM, Qian JQ, Sipahimalani P, Stoll D, Thiessen N, He A, Schein JE, Varhol R, Tam A, Zhao YJ, Moore RA, Birol I, **Jones SJM**, Marra MA, and TCGA Research Network. High-grade serous ovarian adenocarcinoma transcriptome sequencing. **(Oral presentation)**

211. The 14th Annual AGBT Meeting. Marco Island, FL. Feb 20-23, 2013. Zhao YJ, Mwenifumbo J, McDonald H, Corbett R, Kasaian K, Lim R, Slobodan J, Thorne T, Moksa M, Pandoh P, Kirk H, Haile Merhu S, Cruz K, Scott D, Neriah SB, Chun Chan F, Coope R, Moore RA, Mungall AJ, Gascoyne R, Steidl C, **Jones SJM**, Marra MA. High Throughput Genome Sequencing Protocol Development for Archival Formalin-Fixed Paraffin-Embedded (FFPE) Samples. **(Poster presentation)**

212. The 14th Annual AGBT Meeting. Marco Island, FL. Feb 20-23, 2013. Hirst M, Bilenky M, Tam A, Kamoh B, Cho S, Cheung D, Li I, Carles A, Cheng J, Moore R, **Jones SJM,** Tlsty T, Aparicio S, Farnham P, Eaves C, Connors J, Wang A, Huntsman D, Karsan A, Wang T, Marra MA, Costello J. Reference Human Epigenomes. **(Poster presentation)**

213. Terry Fox Research Institute: BC Node Research Day, Vancouver, BC. November 2012. Misha Bilenky, Annaick Carles, Joseph F. Costello, **Steven J. M. Jones**, Martin Hirst. Finder: An Improved Analysis Tool for High-throughput Chip-Seq Experiments.

214. American Society of Human Genetics Annual Meeting, San Francisco. November 2012. Dan Doherty, Albert E. Chudley, Gail Coghlan, Gisele E. Ishak, A. Micheil Innes, Edmond G. Lemire, R. Curtis Rogers, Aizeddin A. Mhanni, Ian G. Phelps, **Steven J. M. Jones**, Shing H. Zhan, Anthony P. Fejes, Hashem Shahin, Moien Kanaan, Hatice Akay, Mustafa Tekin, , Barbara Triggs-Raine, Teresa Zelinski. Mutations in *GPSM2* Cause the Brain Malformations and Hearing Loss of Chudley-McCullough Syndrome.

215. NeuroDevNet Third Annual Brain Development Conference, Toronto, ON.September 2012. Farah Zahir, Yaoqing Shen, Shelin Adams, Nancy Makela, Chandree Beaulieu, William Gibson, Milan Patel, Gabriela Horvath, Marco Marra, **Steven Jones,** Jan Friedman. Whole exome sequencing of additional family members in identifiation of causative mutations for severe intelectual disability in affected siblings.

216. Sri Lanka Medical Association 125th Anniversary Conference. Colombo, Sri Lanka. July 2-6, 2012. Zahir FR, Adam S, Makela N, FORGE Canada Consortium, Gibson W, Horvath G, Langlois S, Patel W, Marra MA, **Jones S,** Friedman JM. Cutting edge genomic technologies to diagnose the genetic basis of Intellectual Disability and Major Congenital Anomalies. **(Oral presentation)**

217. Model Organisms to Human Biology- Cancer Genetics Conference. Washington, DC. June 17-20 2012. Pon J, Mendez-Lago M, Mungall AJ, Mungall KL, Bolger-Munro M, Goya R, Hadj Khodabakhshi A, Johnson NA, Chiu R, Jackman S, Krzywinski M, Scott D, Trinh DL, Corbett R, Meissner B, Tse K, Birol I, Holt R, Schein J, Horsman DE, Moore R, Hirst M, **Jones SJM**, Connors JM, Gascoyne RD, Marra MA, Morin RD. Genomic Profiling of Non-Hodgkin Lymphoma Clinical Samples. **(Oral presentation)**

218. Keystone Symposia: Advances in Islet Biology, Montreray, California. March 2012. Bryan R. Tennant, A. Gordon Robertson, Mike Beach, Leping Li, Xuekui Zhang, Cheryl J. Whiting, Ada Kim, Shing H Zhang,

Raphael Gottardo, Marco A. Marra, **Steven J.M. Jones** and Pamela A. Hoodless, Brad G. Hoffman. Identification and analysis of pancreatic islet enhancers.

219. The BC Cancer Agency Annual Cancer Conferernce, Vancouver, BC. December 2011. Jianghong An, Adrienne Hannigan, Jing Xu, Thanh-Giau Nguyen, Suganthi Chittaranjan, Robert Young, Sharon Gorski, **Steven Jones**. Identification of ATG4B Inhibitors for Novel Cancer Therapies by a Molecular Docking-Based Ligand Screening Approach.

220. The BC Cancer Agency Annual Cancer Conferernce, Vancouver, BC. December 2011. Yvonne Y Li, Jennifer Law, Kristen Reipas, Amarpal Cheema, Huifang Li, Artem Cherkasov, **Steven Jones**, and Sandra Dunn. Combining Virtual and High-Throughput Screening to Reposition Existing Drugs for Triple Negative Breast Cancer.

221. The BC Cancer Agency Annual Cancer Conferernce, Vancouver, BC. December 2011. Shing H. Zhan, Anthony P. Fejes, Nina Thiessen, Alireza H. Khodabakhshi, An He, Inanc Birol, **Steven J.M. Jones**. Will All the Passengers Please Sit Down?

222. Society for Neuroscience Meeting, Washington, DC. November 2011. Charles N. de Leeuw, Stephanie Laprise, Kathleen G. Banks, Elodie Portales-Casamar, Magdalena I. Swanson, Douglas J. Swanson, Li Liu, Lisa Dreolini, **Steven J.M. Jones,** Robert A. Holt, Daniel Goldowitz, Wyeth W. Wasserman, Elizabeth M. Simpson. New Pleiades Minipromoters for Brain and Eye.

223. 42$^{nt}$ Union World Conference on Lung Health, Lille, France. October 2011. Marcus Lem, Jennifer L. Gardy, James C. Johnston, Patrick Tang, Victoria J. Cook, Shirley Rempel, April MacNaughton, Elizabeth Brodkin, Shannan J. Ho Sui, **Steven Jones**, Lena Shah, Meenu K. Sharma, R. Kevin Elwood, Fiona S.L. Brinkman, Robert C. Brunham. Programme Implications of Genomic Epidemiological Analysis of Tuberculosis (TB) Transmission Patterns.

224. American Society of Human Genetics, Montreal, Canada. October 2011. K. Schrader, A. Heravi-Moussavi, P. Waters, J. Senz, J. Whelan, G. Ha, P. Eydoux, T. Nielsen, B. Gallagher, A. Oloumi, N. Boyd, B.A. Fernandez, T.L. Young, **S.J.M. Jones,** M. Hirst, S.P. Shah, M.A. Marra, J. Green, D.G. Huntsman. A next-generation sequencing approach to diagnosis of a family's skeletal abnormalities and retinitis pigmentosa**.**

225. American Society of Human Genetics, Montreal, Canada. October 2011. W. Gibson, J. Soul, S. Gyawali, A. Fam, R. Billings, S.L. Babich, L. Musa1, J. Friedman1, S. Lear, **S. Jones**, D.D. Weaver, K. Boycott, P. Eydoux, FORGE Consortium Canada. Detailed Metabolic Studies Identify Endophenotypes in Rare Obesity and Overgrowth Disorders.

226. The 27$^{th}$ Annual meeting of The International Society of Chemical Ecology, Simon Fraser University, Burnaby. July 2011. Keeling, CI, Henderson H, Li M, Yuen M, Dullat HK, Huber DPW, **Jones SJ**, Bohlmann J. Mountain Pine Beetle Genomics.

227. NeuroDevNet Brain Development Conference, Vancouver, BC. June 2011. Charles N. de Leeuw, Kathleen G. Banks, Stephanie Laprise, Elodie Portales-Casamar, Douglas J. Swanson, Li Liu, Lisa Dreolini, Magdalena I. Swanson, **Steven J.M. Jones**, Robert A. Holt, Daniel Goldowitz, Wyeth W. Wasserman, Elizabeth M. Simpson. Expansion of the Pleiades Promoter Toolset: Adding New Promoters with Brain, Eye and Embryonic Expression.

228. The Genetics Society of American Conferences, Washington, DC. June 2011. EM Simpson, C de Leeuw, KG Banks, S Laprise, RJ Bonaguro, A McLeod, L. Dreolini,DJ Swanson, L Liu, E Portales-Casamar, MI Swanson, **SJM Jones,** RA Holt, WW Wasserman, D Goldowitz. Pleiades and CanEuCre: MiniPromoters, Cre/ERT2-Driver Mice, and Cre Adeno-Associated Viruses Designed for Selected Expression in the Brain, Eye, and Spinal Cord.

229. 9th Annual Genomics Forum & Poster Competition, Vancouver, BC. May 2011. Hamid Younesy, Torsten Möller, Cydney Nielsen, and Steve Jones. User Guided Pattern Discovery in CHiP-Seq Data.

230. Advances in Genome Biology & Technolgy (AGBT) Conference Marco Island, Florida. Feb. 2011. Ryan D. Morin, Maria Mendez-Lago, Andrew J. Mungall, Rodrigo Goya, Nathalie A. Johnson, Tesa M. Severson, Karen L. Mungall, Readman Chiu, Matthew Field, Shaun Jackman, Martin Krzywinski, David Scott, Diane L. Trinh, Malachi Griffith, Richard Corbett, Susanna Chan, Eric Zhao, Duane Smailus, Michelle Moksa, Lisa Rimsza, Angela Brooks-Wilson, Barbara Meissner, Bruce Woolcock, Merrill Boyle, Helen McDonald, Angela Tam, Yongjun Zhao, Allen Delaney, Thomas Zeng, Kane Tse, Yaron Butterfield, Inanc Birol, Rob Holt, Jacqueline Schein, Douglas E. Horsman, Richard Moore, **Steven J.M. Jones,** Joseph M. Connors, Martin Hirst, Randy D. Gascoyne, Marco A. Marra. Genome, Exome and Transcriptome sequencing reveals genes involved in histone modification and B-cell-receptor signalling are frequently mutated in non-Hodgkin lymphoma.

231. Advances in Genome Biology & Technolgy (AGBT) Conference Marco Island, Florida. Feb. 2011. Martin Hirst, Yongjun Zhao, Cydney Nielsen, Angela Tam, Baljit Kamoh, Adrian Ally, Allen Delaney, Dorothy Cheung, Richard Varhol, Mahvash Sigaroudinia, Philippe Gascard, Thea Tlsty, Yun Choi, Michael McManus, Raman Nagarajan, Chibo Hong, Lorigail Echipare, Henriette O'Geen, Peggy Farnham, Hunter Richards Ting Wang, David Haussler, Arthur Weiss, Richard Moore, **Steven JM Jones**, Joe Costello, Marco A. Marra. Reference Human Epigenomes**.**

232. The American Society of Human Genetics Annual Meeting. Washington, DC., Nov 2010. Rupps R, van Karnebeek CD, Fejes A, Morimoto M, Shuen C, Markello T, Delaney A, **Jones S**, Marra M, Boerkoel CF. Progressive Systemic And Stenotic Vasculopathy: Candidate Genes Identified By Comparative Whole Exome Sequencing

233. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. Nov 2010. Morozova O, Hansford L, Mungall K, Attiyeh E, Corbett R, Thiessen N, Varhol R, Zhao YJ, Chiu R, Maslova A, Birol I, **Jones S,** Hirst M, Maris JM, Kaplan DR, Marra MA. Comparative Analysis Of Primary Tumors And Metastases-Derived Tumor-Initiating Cells Provides Insights Into Neuroblastoma Progression.

234. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. Nov 2010. Mungall AJ, Morin RD, An J, Yakovenko O, Boyle M, Johnson NA, Woolcock B, Leach S, Mayo M, Mendez-Lago M, Munro S, Zeng T, Zhao YJ, Hirst M, Holt RA, Moore RA, Schein JE, Gascoyne RD, Horsman DE, Connors JM, **Jones SJ**, Marra MA. Recurrent Dna Mutations In Non-Hodgkin Lymphomas Reveal Candidate Therapeutic Targets.

235. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. Nov 2010. Mendez-Lago M, Morin RD, Mungall AJ, Chan S, Chittaranjan S, Severson TM, Goya R, Mungall K, Johnson NA, Boyle M, Woolcock B, Zeng T, McDonald H, An J, Yakovenko O, Tam A, Zhao YJ, Hirst M, Moore R, Schein JE, **Jones SJ**, Horsman DE, Gascoyne RD, Connors JM, Marra MA. Mutations in Mll2 And Mef2b Genes In Follicular Lymphoma and Diffuse Large B-Cell Lymphoma.

236. BC Cancer Annual Cancer Conference.Vancouver, BC, Nov. 2010. Anthony P. Fejes, Jianghong An, Yvonne Li, Stephen Leach, Yongjun Zhao, Richard Varhol, Jenny Qian, Shaun Jackman, Readman Chiu, Karen Mungall, Gordon Robertson, Rong She, Martin Hirst, Inanc Birol, Marco A. Marra, Angela Brooks-Wilson, **Steven J.M. Jones**. Comparative analysis of ductal carcinoma in situ breast cancer cell-lines with 1400 samples.

237. BC Cancer Annual Cancer Conference.Vancouver, BC, Nov. 2010. Jianghong An, Artee Luchman, Gregory Cairncross and **Steven Jones**. Developing mutant-specific inhibitors of isocitrate dehydrogenase 1 (IDH1) for novel therapeutics of brain cancer.

238. BC Cancer Annual Cancer Conference.Vancouver, BC, Nov. 2010. Alireza Hadj Khodabakhshi*, Anthony P. Fejes*, Katayoon Kasaian, Inanc Birol, **Steve J.M**. **Jones** **authors contributed equally.*Genetic Variation database: An open source database template for genomic discovery.

239. The American Society of Human Genetics Annual Meeting. Washington, DC., Nov 2010. Rupps R, van Karnebeek CD, Fejes A, Morimoto M, Shuen C, Markello T, Delaney A, **Jones S,** Marra M, Boerkoel CF. Progressive Systemic And Stenotic Vasculopathy: Candidate Genes Identified By Comparative Whole Exome Sequencing.

240. ISEH, International Society of Experimental Hematology, Melbourne, Australia. September 2010. Yung E, Sekulovic S, Berg T, Nielsen C, **Jones S**, Hirst M, Humphries RK. Changes in the epigenome associated with Meis 1 induced leukemic transformation.

241. ISMB 2010, International Society for Computational Biology, Boston, Massachusetts, USA, July 2010. Birol I, Jackman SD, Robertson G, Swanson L, Mungall K, Chiu R, Field M, Lee S, Raymond A, Varhol R, Zhao YJ, Hirst M, Moore R, Marra MA, **Jones SJM,** Hoodless PA. Detecting Trans-Splicing Events and Non-co-Linear Transcripts in Transcriptome Assemblies.

242. TFRI 2nd Annual Scientific Meeting, Vancouver, BC. May 2010. Mungall, A.J., Morin, R.D., An, J., Yakovenko, A., Boyle, M, Johnson N.A., Leach, S., Mayo, M., Mendez-Lago, M., Munro, S., Zeng, T., Zhao, Y., Hirst, M., Holt, R.A., Moore, R., Schein, J.E., Gascoyne, R.D., Horsman, D.E., Connors, J.M., Jones, S.J., Marra MA. Recurrent DNA Mutations in Non-Hodgkin's Lymphomas Reveal Candidate Therapeutic Targets.

243. American Thoracic Society Inernational Conference, New Orleans, LA. May 2010. J. Johnston, J. Gardy, S. Ho Sui, **S. Jones**, F. Brinkman, R. Brunham, P. Tang. Whole Genome and Network-Based Epidemiological Investigation of a Tuberculosis Outbreak.

244. AMMI Canada - CACMID Annual Conference, Edmonton, Alberta, Canada. May 2010. Gardy J, Ho Sui S, Johnston J, **Jones S**, Brinkman F, Brunham R, Tang P. Genomic Epidemiology Reveals New Pattern of Transmission in a Tuberculosis Outbreak.

245. The 110th General Meeting of the American Soceity for Microbiology, San Diego, California. May 2010. Gardy JL, Ho Sui SJ, Johnston J, **Jones S,** Tang P, Brinkman FSL, Brunham RC. Genomic Epidemiology of a Tuberculosis Outbreak: Whole Genome Sequencing of 36 *M. tuberculosis* Isolates Identifies Novel Patterns of Transmission.

246. HUGO, Human Genome Meeting, Montpellier, France. May 2010. Rose AM, O'Neil NJ, Bilenky M, Butterfield YS, Malhis N, Flibotte S, Jones MR, Marra M, Baillie DL, **Jones SJ.** Accumulated Changes in a Genome of a Strain with a Highly Modified Reciprocal Exchange Distribution. (**Poster Presentation)**

247. 11th Annual Advances in Genome Biology and Technology Meeting. Marco Island, FL. February 2010. Butterfield YS, **Jones SJM**, Laskin J, Li Y, Griffith O, An J, Bilenky M, Cezard T, Chuah E, Corbett R, Fejes A, Griffith M, Yee J, Martin M, Mayo M, Melnyk N, Morin RD, Pugh TJ, Severson T, Shah SP, Sutcliffe M, Tam A, Terry J, Thiessen N, Thomson T, Varhol R, Zeng T, Zhao Y, Moore R, Huntsman DG, Birol I, Hirst M, Holt RA, Marra MA. Evolution of an adenocarcinoma in response to selection by targeted kinase inhibitors.

248. 11th Annual Advances in Genome Biology and Technology Meeting. Marco Island, FL. February 2010. Mungall AJ, Chu A, Chiu R, Corbett R, Field MA, Jackman SD, Mungall KL, Wong K, Boyle M, Carlsen R, Chan SY, Coope RJN, Hirst CA, Johnson N, Krzywinski MI, Lee D, Lin JB, Mayo M, Munro S, Severson T, Simpson JT, Steidl C, Zeng T, Zhao Y, Birol I, Hirst M, Holt RA, **Jones SJ,** Moore R, Gascoyne RD,

Horsman DE, Connors JM, Schein JE, Marra MA. Base-Pair Resolution of Somatic and Germline-Derived Genome Rearrangement Breakpoints in Follicular Lymphoma. **(Oral presentation)**

249. 11th Annual Advances in Genome Biology and Technology Meeting. Marco Island, FL. February 2010. Zhao YJ, Zeng T, Varhol R, Li I, Mayo M, Tam A, Chuah E, Wong T, Miller D, Smailus D, Stazyk G, Delaney A, Moore R, Birol I, Roscoe R, Holt R, **Jones S**, Hirst M, Marra MA. Production scale next generation sequencing.

250. 11th Annual Advances in Genome Biology and Technology Meeting. Marco Island, FL. February 2010. Morozova O, Hansford L, Smith L, Maslova S, Cezard T, Morin R, Thiessen N, Varhol R, Zhao YJ, **Jones S**, Hirst M, Kaplan D, Marra M. Using sequence census data from cancer tissue compendia to discover novel drug targets for refractory neuroblastoma.

251. 11th Annual Advances in Genome Biology and Technology Meeting. Marco Island, FL. February 2010. Anthony P. Fejes, Stephen Leach, Yongjun Zhao, Richard Varhol, Martin Hirst, Marco A. Marra, Angela Brooks-Wilson, **Steven J.M. Jones**. RNA-Seq Determination of Non-Synonymous Coding Mutations in 5 Breast Cancer Cell Lines and a Matched Cancer/Normal Set.

252. American Association of Endocrine Surgeons 2010 Annual Meeting. Pittsburgh, PA, USA. April 2010. Wiseman SM, Griffith OL, Deen S, Masoudi H, Goldstein L, Gown A, **Jones SJM.** 2010. Immunophenotyping of Thyroid Tumors Identifies Molecular Markers Altered During Transformation of Differentiated into Anaplastic Carcinoma. Abstract submitted. 1 Dec 2009.

253. American Association of Endocrine Surgeons 2010 Annual Meeting. Pittsburgh, PA, USA. April 2010. Johner A, Griffith OL, Wood L, Piper H, Wilkins G, Walker B, Baliski C, Bugis S, **Jones SJM,** Wiseman SM. 2010. Detection and Management of Hypothyroidism Following Total or Near Total Thyroid Lobectomy: Evaluation of a Clinical Algorithm. Abstract submitted. 1 Dec 2009.

254. Worm Breeders Gazette, November 19, 2009. Thierry-Mieg, J, Thierry-Mieg D, Kohara Y, Shin-I T, Sugano S, Suzuki Y, Salehi-Ashtiani K, Vidal M, Ramani A, Fraser An **Jones S,** Shin H, Baillie D. AceView gene models now integrate high throughput cDNA sequences.

255. The American Society of Hematology, 51st Annual Meeting, December 2009. Morin R, Johnson NA, Serverson TM, Mungal AJ, An J, Paul JE, Boyle M, Woolcock BW, Kuchengauer F, Yapp D, Humphries RK, Griffith OL, Shah S, Zhu H, Kimbara M, Shashkin P, Charlot JF, Tcherpakov M, Corbett R, Tam A, Varhol R, Smailus D, Moksa M, Zhao YJ, Delaney A, Qian H, Birol I, Aparicio S, Schein J, Moore R, Holt R, Horsman DE, Connors JM, **Jones S**, Hirst M, Gascoyne RD, Marra MA. Tyrosine 641 in the EZH2 Oncogene is Frequently Mutated in Follicular and Diffuse Large B-cell Lymphomas of Germinal Center Origin.

256. The American Society of Hematology, 51st Annual Meeting, December 2009.Mungall AJ, Chiu R, ChuA, Corbett R, Field M, Jackman S, Mungall K, Wong K, Boyle M, Carlsen R, Chan SY, Coope R, Hirst C, Hirst M, Johnson N, Krzywinski M, Lee D, Lin J, Moore R, Simpson J, Steidel C, Severson T, Zeng T, Zhao YJ, Birol I, Holt RA, **Jones SJ**, Gascoyne RD, Horsman DE, Connors JM, Schein JE, Marra MA. Base-pair Resolution of Somatic and Germline-derived Genome Arrangement Breakpoints in Follicular Lymphoma.

257. The American Society of Hematology, 51st Annual Meeting, December 2009. Johnson NA, Morin RD, Severson TM, Mungall AJ, Zhao YJ, Schein J, Boyle M, Woolcock BW, Moore R, Holt R, Horsman DE, Connors JM, **Jones S,** Hirst M, Marra MA, Gascoyne RD. FAS Mutations in Follicular Lymphoma are Rare but may be Associated with a Poor Clinical Outcome.

258. VisWeek Conference, Atlantic City, USA, October 2009. Nielsen CB, Jackman SD, Birol I, **Jones SJM**. ABySS-Explorer: Visualizing Genome Sequence Assemblies. Abstract. **Won Best Paper Award.**

259. CSHL Genome Informatics, NY, USA, October 2009. Birol Inanc, Jackman Shaun, Field Matthew, Mungall Karen, Wong Kim, Chiu Readman, Chu Andy, Corbett Richard, Hirst Carrie, Mungall Andrew J, Zeng Thomas, Tam Angela, Li Irene, Hajirasoulia Iman, Hormozdiari Fereydoun, Sahinalp Cenk S, Varhol Richard, Zhao Yongjun, Hirst Martin, Schein Jacqueline E, Horsman Doug E, Gascoune Randy D, Connors Joseph M, Marra Marco A, **Jones Steven JM**. Assembling Pooled Bac Sequences.

260. CSHL Genome Informatics, NY, USA, October 2009. Birol Inanc, Jackman Shaun, Raymond Anthony, Schein Jacqueline E, **Jones Steven JM**. Abyss V2.0: Adapting *De Novo* Assmebly Techniques to Employ Advances in Sequencing.

261. The American Society of Human Genetics 59th Annual Meeting, Hawaii. October 2009. Bretherick Karla L, Leach Stephen, Montgomery Stephen, Banath Judit P, Olive Peggy L, **Jones Steven JM**, Brooks-Wilson Angela R. A common SNP associated with non-Hodgkin Lymphoma influences protein binding at the *H2AFX* promoter.

262. Toronto International Data Release Workshop. September 2009. Birney E, Hudson TJ, Green ED, Gunter C, Eddy S, Rogers J, Harris JR, Ehrlich SD, Apweiler R, Austin CP, Berglund L, Bobrow M, Bountra C, Brookes AJ, Cambon-Thomsen A, Carter NP, Chisholm RL, Contreras JL, Cooke RM, Crosby WL, Dewar K, Durbin R, Dyke SO, Ecker JR, El Emam K, Feuk L, Gabriel SB, Gallacher J, Gelbart WM, Granell A, Guarner F, Hubbard T, Jackson SA, Jennings JL, Joly Y, Jones SM, Kaye J, Kennedy KL, Knoppers BM, Kyrpides NC, Lowrance WW, Luo J, MacKay JJ, Martín-Rivera L, McCombie WR, McPherson JD, Miller L, Miller W, Moerman D, Mooser V, Morton CC, Ostell JM, Ouellette BF, Parkhill J, Raina PS, Rawlings C, Scherer SE, Scherer SW, Schofield PN, Sensen CW, Stodden VC, Sussman MR, Tanaka T, Thornton J, Tsunoda T, Valle D, Vuorio EI, Walker NM, Wallace S, Weinstock G, Whitman WB, Worley KC, Wu C, Wu J, Yu J. Prepublication data sharing. Nature. 2009 Sep 10;461(7261):168-70. Abstract.

263. In proceeding of the 14th International Congress on Molecular Plant-Microbe Interactions, Quebec, Canada. July 2009. DiGuistini S, Wang Y, Alamouti S, Keeling C, Hamelin R, **Jones S,** Bohlmann J, Breuil C. Identifying genes involved in *Grosmannia clavigera*'s response to pine tree defenses**.**

264. InterLymph Consortium 8th Annual Meeting, Vancouver, BC. July, 2009. Bretherick KL, Leach S, Montgomery S, Banath JP, Olive PL, **Jones SJM**, Brooks-Wilson AR. A common SNP associated with non-Hodgkin Lymphoma influences protein binding at the *H2AFX* promoter.

265. Annual Meeting of SMB, Vancouver, BC, Canada, July 2009. Inanc Birol, Shaun Jackman, Cydney Nielsen, Jenny Qian, Marco Marra, **Steven JM Jones.** *De novo* assembly of transcriptomes with ABySS.

266. 17th Annual Conference on ISMB and 8th ECCB, Stockholm, Sweden, June 2009. Inanc Birol, Shaun D Jackman, Cydney Nielsen, Jenny Q Qian, Richard Varhol, Greg Stazyk, Ryan D Morin, Yongjun Zhao, Martin Hirst, Jacqueline E Schein, Doug E Horsman, Joseph M Connors, Randy D Gascoyne, Marco A Marra, and **Steven JM Jones**. *De novo* Transcriptome Assembly with ABySS.

267. CIHR National Poster Competition, Winnipeg, Canada, June 2009. Fejes Anthony P, Cezard Timothee, Birol Inanc, Jones **Steven JM**. Vancouver Short Read Analysis Package: Tools for Genome-Wide Analysis of Transcriptome Expression, Transcription Factor Binding and Chromatin Modification.

268. 2nd International Conference on Functional Annotation of the Mammalian Genome, Banff, Alberta. April 2009. Simpson, E.M., Portales-Casamar, E., Swanson, D.J., de Leeuw, C.N., Banks, K.G., Fulton, D.L., Amirabbasi, M., Castellarin, M., Chen, J., Docking, T.R., Khorasan-zadeh, S., Liu, F., Liu, Li., Wong,

B.K.Y. , **Jones, S.J.** , Holt, R.A., Goldowitz, D., and Wasserman, W.W. Pleiades Promoter Project: Anotating the regulatory genome and producing minipromoters for regional brain expression.

269. In Proceedings of the 3rd International Conference on Bioinformatics and Biomedical Engineering (Beijing, China, June 11 - 13, 2009). iCBBE 2009. Institute of Electrical and Electronics Engineers, Inc. Los Alamitos, CA, USA. p. 1-9. Griffith OL, Gao B, Bilenky M, Prychyna Y, Ester M, **Jones S**. 2009. KiWi: A Scalable Subspace Clustering Algorithm for Gene Expression Analysis. Accepted for publication.

270. Keystone Symposia, Killarney, Ireland. June 2009. Law J, Wang M, To K, Stratford AL, Li Y, **Jones SJM,** Dunn S. Development of a cell premeable peptide inhibitor that blocks phosphorylation of YB-1 at S102 by p90 RSK and suppresses cancer cell growth.

271. 3rd Annaul Canadian Neuroscience Meeting, Vancouver, BC. May 2009. Simpson, E.M., Swanson, D.J., Portales-Casamar, E., de Leeuw, C.N., Banks, K.G., Bonaguro, R.J., D'Souza, C.A., Hearty, T.G. , Milisavljevic, M., Yang, G.S., **Jones, S.J.,** Holt, R.A., Wasserman, W.W., Goldowitz, D.Pleiades Promoter Project: Large-scale Production of Minipromoters for Focused Expression in the Brain.

272. 50th American Society of Hematology, San Francisco, California. December 2008. Sitwala KV, Huang Y, Dandekar M, Robertson G, Cezard T, Bilenky M, Thiessen N, Zhao YJ, Zeng T, Hirst M, Hero A, **Jones S**, Hess J. Hoxa9 and Meis1 Bind Highly Conserved Elements near Targets Regulated in Leukemia Cells.

273. 50th American Society of Hematology, San Francisco, California. December 2008. Steidl C, Lee T, Shah SP, Han G, Nayar T, Delaney A, **Jones SJ,** Chan WC, Rosenwald A, Rimsza LM, Campo E, Jaffe ES, Staudt LM, Lenz G, Connors JM, Gascoyne RD. Genome-wide expression profiling predicts treatment outcome in classical Hodgkin lymphoma.

274. BCCA Annual Cancer Conference, Vancouver, BC. November 2008. Sleumer MC, Bilenky M, He A, Robertson AG, Thiessen N, **Jones SJM**. cisRED: A Genome-wide Catalogue of Conserved Regulatory Elements for C. elegans. Poster Presentation

275. 9th International Congress on cell Biology (ICCB), South Korea, Seoul. October 2008. Lee Hyojin, Shin Heesun, Fejes Anthony, Jones **Steven JM**, Koo Hyeon-Sook. Gene Expression Analysis of C. elegans of aak-2 Mutant Using Massively Parallel Transcriptome Sequencing. Poster Presentation.

276. 8th International Society for Transgenic Technology, Toronto, Ontario. October, 2008.Simpson EM, Banks KG, Bonaguro RJ, de Leeuw CN, Schmouth J-F, Swanson DJ, Yang GS, Amirabbasi M, Babyak N, Black SF, Candido T, Chen J, Chen Y, Driolini L, Wilson G, Hatakka K, Hearty T, Khorasan-zadeh S, Komljenovic I, Laprise S, Liu F, Liu L, Mis J, Palma B, Turner JL, Wong SH, Ypsilanti AR, **Jones SJ**, Wasserman WW, Goldowitz D, Holt RA. Pleiades Promoter Project: New Tools for Promoter and Expression Analysis Employing Knock-in at *Hprt1*. Abstract Accepted.

277. 1st INCF Congress of Neuroinformatics: Databasing and Modeling the Brain, Stockholm, Sweden. September 2008. Portales-Casamar E, Swanson M.I, Holt R.A, Goldowitz D, **Jones S**, Simpson E.M and Wasserman W.W. The Pleiades Promoter Project: Using bioinformatics to design human DNA MiniPromoters driving region-specific expression in the brain. Abstract Submitted.

278. Canadian Surgery Forum, (CAGS), Halifax, Nova Scotia. September 2008. Dickeson MRC, Chan SK, Griffith OL, Phang PT, Masoudi H, **Jones SJM**, Nabi IR, Wiseman SM. Autocrine Motility Factor Receptor Expression Predicts Rectal Cancer Patients Outcomes. Abstract Submitted.

279. Biology of Genomes, Cold Spring Harbour, New York. May 2008. Siddiqui A, Bonfield J, Alekseyev V, Marth G, Bloom T, Zimmer A, Flicek P, Glassock J, Platt D, Knight J, Sorenson J, Thayer E, Brown C, **Jones S,** Attili M, Bainbridge M, Church D, Cox A, Du L, Huang W, Malek J, Manning J, Maisinger K,

Messina D, Moulton K, Quinlan A, Stewart C, Stromger M, Warren R, Wylie T. SuRFING the Genome: A Common format for DNA Sequence Data.

280. AACR Annual Meeting San Diego, California. April 2008. Wiseman S, Griffith O, Leung S, Masoudi H, Phang T, **Jones S**, Moukhles H. Syntophin Expression Predicts colon Cancer Outcome. Abstract submitted.

281. Keystone Symposium, January 2008. Wederell ED, Cullum R, Robertson G, Bilenky M, Thiessen N, Varhol R, Delaney A, Dagpinar M, Zhao YJ, Hirst M, **Jones S**, Marra M, Hoodless PA. Genome-wide analysis of FoxA2 binding sites in the mouse adult liver by ChIP-Seq.

282. BCCA Annual Cancer Conference, Vancouver, BC. November, 2007. Butterfield Y, Wong K, Krzywinski M, Pugh T, Severson T, Field M, Mathewson C, Fejes A, Ali J, Varhol R, Malhis N, Hirst M, Birol I, Holt R, Connors J, Schein J, **Jones S,** Marra M. DNA Sequencing for Detecting Genome Aberrations in Follicular Lymphoma. Abstract submitted.

283. BCCA Annual Cancer Conference, Vancouver, BC. November, 2007. Bilenky M. Dagpinar M, Thiessen N, He A, Robertson G, Fejes A, Varhol R, Marra M, **Jones S.** Bioinformatics pipeline for the genome-wide analysis of Transcription factor binding using chromatin immunoprecipitation and next generation-sequencing. Abstract submitted.

284. North Pacific Surgical Association Annual Meeting. Victoria, BC. November 2007. Leung S, Griffith OL, Phang T, Jones SJM, Masoudi H, Wiseman, S. Prognostic significance of Human Epidermal Growth factor receptor (HER) family expression in colon cancer patients: a TMA study. Abstract submitted.

285. The World Congress on Psychiatric Genetics, New York. October 2007. Simpson EM, Banks KG, Ali J, Bonaguro RJ, de Leeuw CN, Komljenovic I, Swanson M, Wilson G, D'Souza C, Yang GS, Chopra V, Portales-Casamar E, Goldowitz D, Jones SJ, Holt RA, Wasserman WW. Pleiades Promoter Project: Human MiniPromoters for Region-Specific Brain Expression and Gene Therapy.

286. CSHL-Integrative Aproaches to Brain Complexity. Hinxton, UK. September 2007. Swanson MI, Portales-Casamar E, Arenillas D, D'Souza C, Chopra V, Lee L, Varhol R, Kwon TJ, Lithwick S, Ticoll A, Holt RA, Goldowitz D, **Jones S**, Simpson EM, Wasserman WW. The Pleiades Promoter Project: A public resource of human minipromoters for region-specific expression in the brain. Abstract submitted.

287. 16th Biennial International C. elegans Conference, UCLA, California, June 28, 2007. Etchberger JF, Lorch A, Sleumer MC, Zapf R, **Jones SJ,** Marra MA, Holt RA, Moerman DG, Hobert O. The cis-regulatory logic of the ASE gustatory neuron transcriptome. Abstract.

288. 16th Biennial International C. *elegans* Conference, UCLA, California, June 2007. Sleumer MC, Bilenky M, He A, Mah AK, Robertson AG, Thiessen N, Baillie DL, **Jones SJM**. De Novo Detection of Regulatory Modules in C. elegans. Poster Presentation.

289. Finishing the Future Meeting, Santa Fe, New Mexico. June 2007. Ali J, Chun E, Liao N, Palmquist D, Huang P, Wynhoven B, Kirkpatrick R, Holt R, Marra M, **Jones S**. A high throughput cDNA finishing pipeline-*Bos Taurus* as a model.

290. First Pan American Congress in Developmental Biology, Cancun, Mexico. June 2007.Hoffman B, Kok D, Witzsche J, Hirst M, Robertson R, Hoodless PA, **Jones S**, Marra M, Helgason CD. Genome-wide analysis of Nkx2.2 binding sites using ChIP- tag sequencing (ChIP-TS)

291. C. elegans Meeting, University of California, Los Angeles, CA. June 2007. Sleumer MC, Bilenky M, He A, Mah AK, Robertson AG, Thiessen N, Baillie DL, **Jones SJM**. *de Novo* Detection of Regulatory Modules in *C. elegans.*

292. C. elegans Meeting, University of California, Los Angeles, CA. June 2007. Meissner B, Somasiri A, Warner A, Veiga M, Rogalski T, Lorch A, Zapf R, Wong K, Marra M, **Jones S,** Fox R, Miller D, Moerman D. Mapping out a muscle cell – a first step towards a full description of protein localization within a single cell type.

293. 16th International Congress of Cytology, Vancouver, BC. May 2007. Jones S. Determining genomic changes through bioinformatics.

294. 2007 Pacific Cascade Chapter Meeting of the Society for Neuroscience, University of Washington, Seattle April 2007. Simpson EM, Banks KG, Ali J, Black SF, Bonaguro RJ, Candido TR, Chen J, Chen Y, Cheng JCY, Chopra V, de Leeuw CN, Dreolini L, Flynn EK, Komljenovic I, Lee L, Lithwick S, Liu J, McConechy M, Swanson M, Ticoll A, Vermeulen J, Ypsilanti AR, D'Souza C, Yang GS, Portales-Casamar E, Goldowitz D, Jones SJ, Holt RA, Wasserman WW. Pleiades Promoter Project: Human MiniPromoters Knocked-into ESC's for Region-Specific Brain Expression.

295. 2007 Pacific Cascade Chapter Meeting of the Society for Neuroscience, University of Washington, Seattle April 2007. de Leeuw CN, Banks KG, Ali J, Black SF, Bonaguro RJ, Candido TR, Chen J, Chen Y, Cheng JCY, Dreolini L, Flynn EK, Komljenovic I, Lee L, Lithwick S, Liu J, McConechy M, Swanson M, Ticoll A, Vermeulen J, Yang GS, Ypsilanti AR, Chopra V, D'Souza C, Portales-Casamar E, Goldowitz D, **Jones SJ**, Holt RA, Wasserman WW, Simpson EM. Towards the application of Pleiades MiniPromoter resources to understand the role of *Nr2e1* in neural stem cells and mouse behaviour. Poster Presentation.

296. 98th Annual AACR Meeting, Los Angeles, CA. April 2007. Wiseman SW, Melck A, Griffith O, Rajput A, Masoudi H, **Jones S**. Evaluation of Type 1 Growth Factor Receptor Family Expression in 205 Thyroid Lesions Reveals Diagnostic Utility And Targeted Therapeutic Potential For HER1, HER3, and HER4.

297. Janelia Conference, Loudoun County, Virginia. March 2007. Simpson EM, Banks KG, Ali J, Black SF, Bonaguro RJ, Candido TR, Chen J, Chen K, Cheng JCY, Chopra V, Dreolini L, Flynn EK, Komljenovic I, Lee L, Lithwick S, Liu J, McConechy M, Swanson M, Ticoll A, Vermeulen J, Ypsilanti AR, D'Souza C, Yang GS, Portales-Casamar E, Goldowitz D, Jones SJ, Holt RA, Wasserman WW. Pleiades Promoter Project: Genomic Resources Advancing Therapies for Brain Disorders.

298. Systems Biology: Global Regulation of Gene Expression, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York, March, 2007. Bilenky M, Robertson G, Dagpinar M, He A, Bainbridge M, Varhol R, Thiessen N, Teague K, Griffith OL, Sleumer MC, Li YY, Fjell C, Warren RL, Zhou J, Sander J, Marra M, and **Jones SJM**. Computational prediction and ranking of mammalian transcriptional regulatory modules using dense comparative genomics. Abstract.

299. Janelia Conference, Loudoun County, Virginia. March 2007. Portales-Casamar,E., Arenillas,D., D'Souza,C., Chopra,V., Lee,L., Varhol,R., Kwon,T.J., Lithwick,S., Swanson,M., Ticoll,A., Holt,R.A., Goldowitz,D., Jones,S., Simpson,E.M. and Wasserman,W.W. Pleiades Promoter Project: Human DNA MiniPromoters driving region-specific expression in the brain.

300. Society of Surgical Oncology's 60th Annual Cancer Symposium. Washington, DC. March 2007. Melck AL, Masoudi H, Griffith OL, Rajput A, Wilkins GE, Bugis S, Jones S, Wiseman SM. Evaluation of Cell Cycle Regulators in 205 Thyroid Lesions Reveals the Diagnostic Utility of p16, p21, cyclinD1 and cyclinE. Accepted for oral presentation.

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379. 34th Annual Meeting of the American Aging Association: Aging – Mechanisms and Prevention. Oakland, CA. June 2005. Halaschek-Wiener J, Oliveira L, Madden K, **Jones S**, Connors J, Lee ND, Meneilly G, Marra MA, Brooks-Wilson A. Genetics of healthy aging: A population-based study.

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MC, Varhol R, Zhang M, Siddiqui A, **Jones S**, Zhou J, Sander J. High-throughout *cis*-regulatory element PREDICTION in mammalian genomes. Abstract.

383. 5th Annual BC Net Conference. Vancouver, BC. April 2005. McVicker G, He D, Montgomery S, Sawkins J, Shah S, Yuen MMS, **Jones S**, Ouellette BFF. Pegasys: software for creating and executing workflows for genome analysis.

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477. 2004 AGBT Meeting. Marco Island, FL. February 2004. Krzywinski M, Bosdet I, Smailus D, Chiu R, Mathewson C, Wye N, Asano J, Barber S, Brown-John M, Chan S, Chand S, Chittaranjan S, Cloutier A, Fjell C, Girn N, Gray C, Kutsche R, Lee D, Lee SS, Masson A, Mayo M, McLeavy C, Olson T, Pandoh P, Prabhu A, Shin H, Spence L, Stott J, Taylor S, Tsai M, Yang G, Albertson D, Lam W, Choy C, Osoegawa K, Zhao S, de Jong PJ, Schein J, **Jones S**, Marra M. Whole Genome Mammalian Clone Sets for High-Resolution BAC Arrays.

478. 2004 AGBT Meeting. February 2004. Marco Island, FL. Raouf A, Zhao Y, Khattra J, Schnerch A, Asano J, **Jones S**, Marra M, Eaves C. Representative Amplification of RNA for the Application of Serial Analysis of Gene Expression (SAGE) to Very Small Cell Samples.

479. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Sleumer MC, Astakhova T, Bilenky M, Griffith O, Hassel M, Kennedy J, Lin K, Robertson G, Tsang E, Ung J, Fu T, Siddiqui A, **Jones SJM**. Sockeye: A 3D Genome Visualization Platform for Gene Regulation Analysis.

480. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Montgomery SB, Fu T, Siddiqui AS, **Jones SJM**. Chinook: Peer-to-peer distributed bioinformatics application server.

481. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Zuyderduyn S, Varhol R, Oveisi-Fordoei M, Fjell C, Robertson N, Sadiqui A, **Jones S**. DISCOVERYspace: A Gene Expression Analysis Tool.

482. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Baross Á, Butterfield Y, Coughlin S, Griffith M, Griffith OL, Khattra J, McDonald HL, Petrescu AS, Smailus DE, Zeng T, **Jones SJM**, Holt RA, Marra MA. Completing the Mammalian Gene Collection: Targeted large scale generation and analysis of full-ORF human cDNA clones.

483. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Schnerch A, Asano J, Baross A, Khattra J, Pleasance E, Zuyderduyn S, Eaves C, Thomson J, **Jones S**, Marra M. Investigations of the Transcriptome of human embryonic stem cells using high throughput expression profiling and the characterization of enriched transcripts.

484. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Butterfield Y, Khattra J, Griffiths O, Montgomery S, Petrescu A, Smailus D, Stott J, Yang G, Asano J, Barber S, Chan S, Cloutier A, Coughlin S, Freeman D, Girn N, Hanson R, Leach S, Mayo M, McDonald H, Pandoh P, Robertson A, Schein J, Siddiqui A, Astell C, Brooks-Wilson A, Holt R, **Jones S**, Marra M. The Genome Sequence of the SARS-associated Coronavirus –past, present, and future.

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488. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2003. Pleasance E, Gorski S, Griffith O, Marra M, **Jones S**. Programmed Cell Death in Cancer: Expression patterns of genes involved in apoptosis and autophagic cell death.

489. BC Cancer Agency Annual Cancer Conference. Vancouver, Canada. November 2003. Quayle S, Hare H, Hwang D, **Jones S**, Schein J, Marra M, Sadar M. Subtractive hybridization for identifying novel expressed sequences in prostate cancer .

490. BC Cancer Agency Annual Cancer Conference. Vancouver, Canada. November 2003. Wang G, **Jones S**, Sadar MD. Affymetrix GeneChip analysis of the Gene Expression during Progression of Prostate Cancer to Androgen Independence.

491. International Conference on Applied Genomics. Amsterdam, The Netherlands. October 2003. Quayle S, Hare H, Hwang D, **Jones S**, Schein J, Marra M, Sadar, M. Subtractive hybridization for identifying novel expressed sequences in prostate cancer.

492. University of British Columbia Genetic Students' Retreat. Vancouver, BC. October 2003. Montgomery SB, Fu T, Siddiqui AS, **Jones SJM**. Chinook: Peer-to-peer distributed bioinformatics application server.

493. 15th International Genome Sequencing and Analysis Conference. Savannah, GA. September, 2003. Holt RA, Astell CR, **Jones SJM**, Brooks-Wilson A, Marra MA. The Genome Sequence of the SARS Associated Coronavirus.

494. 1st Canadian Plant Genomics Workshop. Saskatoon, SK. August 2003. **Jones SJM**, Zuyderduyn S, Varhol R, Oveisi M, Fjell C, Leung D, Robertson N, Rusaw S, Ruzanov P, Pleasance ED, Schnerch A, Vatcher G, Siddiqui A, Marra M. Integrated genomic approaches to interpreting gene expression.

495. 10th World Congress on Lung Cancer. Vancouver, BC. August 2003. Chan THW, MacAulay C, Lam W, Lam S, Lonergan K, **Jones S**, Marra M, Ng RT. Using the permutation test to analyze lung cancer sage libraries.

496. 10th World Congress on Lung Cancer. Vancouver, BC. August 2003. Ruzanov P, MacAulay C, Lonergan K, Lam S, Lam W, Marra M, **Jones S**. Deriving the transformation events in tumorogenesis using data from Serial Analysis of Gene Expression.

497. 10th World Congress on Lung Cancer. Vancouver, BC. August 2003. Zuyderduyn S, Oveisi M, Varhol R, Vatcher G, Fjell C, Robertson N, Lam WL, Lam S, Lonergan K, MacAulay C, Siddiqui A, Marra M, **Jones SJM**. Exploring the molecular basis of non-small cell early-stage lung cancer with the DISCOVERY platform.

498. 94th annual meeting of the American Association for Cancer Research. Washington, DC. July 2003. Bajdik CD, Kuo B, Rusaw S, Young C, **Jones S**, Brooks-Wilson A. Data mining to identify groups of genetically-related cancers.

499. 14th International *C. elegans* Meeting, University of California. Los Angeles, CA. July 2003. Johnsen R, Fang L, Ha E, Mah A, Mckay S, Tu D, Zhao Z, **Jones S**, Marra M, Moerman D, Ouellette F, Sonnhammer E, Baillie D. Expression of promoter-GFP constructs in *C. elegans.*

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501. 14th International *C. elegans* Meeting, University of California. Los Angeles, CA. July 2003. McKay S, Johnsen R, **Jones S**, Khattra J, Marra M, Moerman D, Ouellette F, Burglin T, Sonnhammer E, Vas Gomes A, Wahlestedt C, Asano J, Chan S, Coughlin S, Fang L, Girn N, Ha E, Huang P, Kai H, Mah A, McDonald H, Pandoh P, Tu D, Warner A, Wong K, Baillie D. Gene expression profiles in cells, tissues and development of *C. elegans.*

502. XI Conference of the International Society for Molecular Plant-Microbe Interactions. St. Petersburg, Russia. July 2003. Bakkeren G, Hu GG, Linning R, McCallum B, Banks T, Cloutier S, Butterfield Y, Liu J, Kirkpatrick R, Stott J, Yang G, Smailus D, **Jones S**, Marra M, Schein J. Generation of a wheat leaf rust, *Puccinia triticina*, EST database from stage-specific cDNA libraries.

503. Thomas L. Petty Aspen Lung Conference, 46th Annual Meeting. Aspen, CO. June 2003. MacAulay C, Longergan K, Chi B, Zuyderduyn S, Shein J, Tsao M, LeRiche J, **Jones S**, Marra M, Lam S, Lam W. Serial analysis of gene expression profiles of developmental stages in non-small cell lung carcinoma.

504. 14th International Worm Meeting. June 2003. Los Angeles, CA. Bettencourt P, Hewitson M, Stamford J, Jones M, Gonczy P, Coulson A, **Jones S**, Oegema K, Hyman A, Echeverri C. Comprehensive genome wide RNAi screen for cell division genes in C. elegans.

505. Pathology Day. Univeristy of British Columbia, Vancouver, BC. May 2003. Quayle S, Hare H, Akopian V, Hwang D, **Jones S**, Schein J, Tung S, Marra M, Sadar M. Discovery of new genes differentially expressed in androgen independent prostate cancer.

506. The Genome of Homo Sapiens. Cold Spring Harbor Laboratory, NY. May 2003. The Genome Canada *C. elegans II* Consortium including Johnsen R, Mckay S, Khattra J, Ouellette F, **Jones S**, Marra M, Moerman D, Sonnhammer E, Baillie D. Preliminary analysis of expression profiles of human ortholog genes in *C. elegans.*

507. Genome Informatics. Cold Spring Harbor Laboratory, NY. May 2003. Bilenky M, Astakhova T, Montgomery S, Rak M, Robertson G, Sleumer M, Siddiqui A, Marra M, **Jones S**. Sockeye: A 3D approach to multi-genome visualization.

508. Genome Informatics. Cold Spring Harbor Laboratory, NY. May 2003. Fjell C, Bosdet I, Chiu R, Flibotte S, Mathewson C, Shin H, Wye N, Schein J, **Jones SJM**, Marra M. Fingerprint mapping bioinformatics for sequencing the rat genome.

509. Genome Informatics. Cold Spring Harbor Laboratory, NY. May 2003. McKay S, Johnsen R, Mah A, Fang L, Tu D, Khattra J, Warner A, Kai H, Ha E, Huang P, **Jones S**, Marra M, Moerman D, Baillie D. Large-scale analysis of gene expression profiles of cells and tissues in *C. elegans*.

510. American Association of Cancer Research 94th Annual Meeting. Toronto, ON. April 2003. Bajdik CD, Brooks-Wilson A, Young C, Rusaw S, **Jones S**. Data mining to identify groups of genetically-related cancers.

511. 1st Canadian Gene Expression Conference. Vancouver, BC. March 2003. **Jones SJM**, Zuyderduyn S, Varhol R, Oveisi M, Ruzanov P, Rusaw S, Pleasance ED, Schnerch A, Vatcher G, Marra M. Serial Analysis of Gene Expression in Cancer Research.

512. 1st Canadian Gene Expression Conference. Vancouver, BC. March 2003. Gorski SM, Chittaranjan S, Pleasance ED, Freeman JD, Anderson CL, Varhol RJ, Coughlin SM, Zuyderduyn SD, **Jones SJM**, Marra MA. A SAGE Approach to Discovery of Genes Involved in Autophagic Cell Death.

513. The ASI Exchange. Vancouver, BC. March 2003. Saeedi P, Krzywinski M, **Jones S**, Marra MA. Automated lane tracking for DNA gel images.

514. Fungal Genetics Conference 2003. Pacific Grove, CA. March 2003. Steen BR, Zuyderduyn S, Lesiuk J, **Jones S**, Perfect J, J Kronstad. Identification of genes that may be relevant for pathogenesis of *Cryptococcus neoformans* using serial analysis of gene expression.

515. Advances in Genome Biology & Technology and Automation in Mapping & DNA Sequencing 4th Annual Meeting. Marco Island, FL. February 2003. Krzywinski M, Bosdet I, Smailus D, Mathewson C, Wye N, Barber S, Brown-John M, Chand S, Cloutier Al, Masson A, Mayo M, Olson T, MacAuley C, Lam W, Choy CO, Osoegawa K, Zhao S, de Jong PJ, Schein J, **Jones S**, Marra M. Abstract. A set of rearrayed BAC clones spanning the human genome.

516. Advances in Genome Biology & Technology and Automation in Mapping & DNA Sequencing 4th Annual Meeting. Marco Island, FL. February 2003. Krzywinski M, Schein J, Chiu R, Bosdet I, Mathewson C, Wye N, Barber S, Brown-John M, Chand S, Cloutier A, Masson A, Mayo M, Olson T, **Jones S**, Hoskins R, Celniker S, Rubin G, Marra M. Abstract. Verification of *Drosophila melanogaster* sequence assembly using restriction digest BAC fingerprints derived from multiple enzymes.

517. Advances in Genome Biology & Technology and Automation in Mapping & DNA Sequencing 4th Annual Meeting. Marco Island, FL. February 2003. **Jones S**, Ruzanov P, MacAulay C, Lam W, Lonergan K, Lam S, Zuyderduyn S, Schein J, Oveisi M, Varhol R, Rusaw S, Schnerch A, Khattra J, Thomson J, Humphries K, Eaves C, Ling V, Marra M. Abstract. High-throughput serial analysis of gene expression profiling of cancers.

518. Advances in Genome Biology & Technology and Automation in Mapping & DNA Sequencing 4th Annual Meeting. Marco Island, FL. February 2003. Butterfield Y, MacDonald K, Stott J, Yang G, Smailus D, Griffith O, Guin R, Barber S, Girn N, Lee D, Prabhu A-L, Miranda T, Schein J, **Jones S**, Marra M. Abstract. An integrated approach to transposon-mediated full length cDNA sequencing.

519. Advances in Genome Biology & Technology and Automation in Mapping & DNA Sequencing 4th Annual Meeting. Marco Island, FL. February 2003. Khattra J, Chan S, Asano J, Pandoh P, Vatcher G, Schnerch A, Doug F, Zuyderduyn S, Leung D, Teague K, **Jones S**, Marra M. Abstract. High-throughput gene expression analysis technologies at the British Columbia Cancer Agency.

520. TIGR/ASM Microbial Genomes 3rd Annual Conference. New Orleans, LA. January 2003. Eltis L, Butterfield Y, Dosanjh M, Goncalves E, Khattra J, Overton L, Patel R, Patrauchan M, Smailus D, Stott J, Warren R, Yang G, **Jones S**, Marra M, Schein J, Mohn W, Fukuda M, Davies J. Genomic Analysis of Rhodococcus sp. RHA1.

521. SAGE 2003. Amsterdam, Netherlands. January 2003. Lam W, Lonergan K, Zuyderduyn S, Shein J, Tsao M, LeRiche J, **Jones S**, Marra M, MacAulay C, Lam S. Gene expression profiles of developmental stages of non-small cell lung carcinoma.

522. SAGE 2003. Amsterdam, Netherlands. January 2003. Zuyderduyn S, Varhol R, Oveisi M, Ruzanov P, Rusaw S, Pleasance ED, Schnerch A, Vatcher G, Marra M, **Jones SJM**. The discovery platform: A database and software system for integration, interrogation and visualization of biological and SAGE data.

523. SAGE 2003. Amsterdam, Netherlands. January 2003. Schnerch A, Asano J, Chan S, Khattra J, Oveisi M, Pleasance E, Ruzanov P, Varhol R, Vatcher G, Zuyderduyn S, Eaves CJ, Humphries K, Thomson JA, **Jones S**, Marra M. Global gene expression profiling in murine and human embryonic stem cells using SAGE and Affymetrix genechips.

524. SAGE 2003. Amsterdam, Netherlands. January 2003. Pleasance ED, Varhol R, Zuyderduyn S, Marra MA, **Jones SJM**. Assessment of SAGE in transcript identification based on a new method of tag-to-gene mapping.

525. The American Society for Cell Biology 42nd Annual Meeting. San Francisco, CA. December 2002. Kiger AA, Baum B, **Jones S**, Jones M, Echeverri C, Perrimon N, Functional Genomic Analysis of Cell Morphology Using High-throughput RNAi Screens.

526. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Quayle S, Hare H, Akopian1 V, Hwang D, **Jones S**, Schein J, Marra M, Sadar M. Discovery of new genes differentially expressed in androgen independent prostate cancer.

527. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Gorski S, Chittaranjan S, Pleasance ED, Freeman JD, Anderson CL, Varhol RJ, Coughlin SM, Zuyderduyn SD, **Jones SJM**, Marco MA. A SAGE Approach to Discovery of Genes involved in Autophagic Cell Death.

528. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Fjell C, Astakova V, Chiu R, Flibotte S, Saeedi P, Shin H, Schein J, **Jones S**, Marra M. Bioinformatics for genetic physical mapping.

529. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Pleasance ED, Chittaranjan S, Freeman JD, Varhol RJ, Zuyderduyn SD, Marra MA., Gorski SM, **Jones SJM**. Bioinformatic analysis of SAGE expression data and applications to cell death.

530. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Bosdet I, Chiu R, Fjell C, Fuhrmann D, Krzywinski M, Osoegawa K, Brown-John M, Chand S, Cloutier A, Masson A, Mathewson C, Mayo M, Olson T, Spence L, Wye N, deJong PJ, Schein J, **Jones S**, Marra M. Physical maps constructed from fingerprinted BAC clones.

531. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Khattra J, Chan S, Asano J, Pandoh P, Vatcher G, Schnerch A, Zuyderduyn S, Leung D, Teague K, **Jones S**, Marra M. Application of high-throughput gene expression technologies at the Genome Sciences Centre.

532. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Krzywinski M, Schein J, Chiu R, Bosdet I, Mathewson C, Wye N, Barber S, Brown-John M, Chand S, Cloutier A, Masson A, Mayo M, Olson T, **Jones S**, Hoskins R, Celniker S, Rubin G, Marra M. Verification of *Drosophila Melanogaster* sequence assembly using restriction digest BAC fingerprints derived from multiple enzymes.

533. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Krzywinski M, Bosdet I, Smailus D, Mathewson C, Wye N, Barber S, Brown-John M, Chand S, Cloutier A, Masson A, Mayo M, Olson T, Lam W, MacAuley C, Osoegawa K, Zhao S, deJong PJ, Schein J, **Jones S**, Marra M. A set of rearrayed BAC clones spanning the human genome.

534. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Zuyderduyn S, Varhol R, Oveisi-Fordoei M, Rusaw S, **Jones S**. Exploring gene expression with the discovery platform.

535. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Montgomery S, Astakhova T, Bilenky M, Rak M, Robertson G, Sleumer M, Marra M, **Jones S**. Mammalian gene expression platform.

536. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Rusaw S, Bajdik C, Varhol R, Zuyderdyn S, Astakhov V, **Jones S**. Using natural language processing to find relationships between genes, drugs and cancer.

537. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2002. Butterfield Y, Guin R, Macdonald K, Griffith O, Skalska U, Smailus D, Schein J, **Jones S**, Marra M. Sequencing bioinformatics at Canada's Michael Smith's Genome Sciences Centre.

538. University of British Columbia Medical Genetics Research Day. Vancouver, BC. November 2002. Pleasance ED, Chittaranjan S, Freeman JD, Varhol RJ, Zuyderduyn SD, Marra MA, Gorski SM, **Jones SJM**. Bioinformatic analysis of SAGE expression data and applications to cell death.

539. University of British Columbia Medical Genetics Research Day. Vancouver, BC. November 2002. Gorski SM, Chittaranjan S, Pleasance ED, Freeman JD, Anderson CL, Varhol RJ, Coughlin SM, Zuyderduyn SD, **Jones SJM**, Marra MA. A SAGE Approach to Discovery of Genes Involved in Autophagic Cell Death.

540. Canadian Phytopathological Society - British Columbia (CPS-BC) Regional Meeting. Summerland, BC. October 2002. Hu GG, Linning R, Joseph C, McCallum B, Xing T, Walsh A, Banks T, Cloutier S, Jordan M, Matsalla C, Schein J, Butterfield Y, **Jones S**, Marra M, Bakkeren G. Generation of a wheat leaf rust, Puccinia triticina, EST database from stage-specific cDNA libraries and construction of a corresponding microarray.

541. International Society for Animal Genetics Conference. Gottingen, Germany. August, 2002. Larkin DM, Schein J, Green C, Dekoj TR, Bachman S, Schweitzer P, Rebeiz M, Everts-van der Wind A, **Jones S**, Bosdet I, Mathewson C, Wye N, Chiu R, Moore S, Keele JW, Kappes SM, Marra M, de Jong P, Womack JE, Lewin HA. Toward a comparatively anchored, sequence-ready whole genome physical map of the cattle genome.

542. The 10th International Conference on Intelligent Systems for Molecular Biology. Edmonton, AB. August, 2002. Butterfield Y, Guin R, Skalska U, Smailus D, Schnerch A, Teague K, Schein J, Marra M, **Jones S** and the Genome Sciences Centre. Software development for high-throughput DNA sequencing.

543. West Coast Worm Meeting. August 2002. San Diego, CA. Allan R, Barstead R, Edgley M, Gengyo-Ando K, Holmes J, **Jones S**, Kohara Y, Lansdale M, Liu L, Maydan J, Machiyama E, Mitani S, Moerman D, Moulder G, Nisha M, Noguchi S, Osborn J, Rankin A, Rezania N, Robertson J, Shen B, Tamura M, Viswanathan M, Hughes M, McKay S, Rogers B. The C. elegans Knockout Consortium: Interim Report.

544. BIOKDD 2002 2nd Workshop on Data Mining in Bioinformatics in conjunction with 8th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining. Edmonton, AB. July 2002. Phan JM, Ng R, Yuen MS, **Jones S**. GEA: A Toolkit for Gene Expression Analysis.

545. Midwest Worm Meeting. June 2002. St. Louis, MO. Moulder G, Barstead R, Allan R, Edgley M, Gengyo-Ando K, Holmes J, Hughes M, **Jones S**, Kohara Y, Lansdale M, Liu L, Maydan J, McKay S, Machiyama E, Mitani S, Moerman D, Nisha M, Noguchi S, Osborn J, Rankin A, Rezania N, Robertson J, Rogers B, Shen B, Tamura M, Viswanathan M. The C. elegans Knockout Consortium: Interim Report 2002.

546. Genomics Workshop Wheat Genomics: narrow host range pathogens. London, UK. June 2002. Bakkeren G, Hu G, Linning R, McCallum B, Xing T, Walsh A, Cloutier S, Jordan M, Matsalla C, Schein J, Butterfield Y, **Jones S**, Marra M. Construction of cDNA libraries covering different life cycle stages of the wheat leaf rust fungus, Puccinia triticina (race BBB/Lr1) and generation of a database of 10,000 ESTs.

547. 84th Annual Meeting of the Endocrine Society. San Francisco, CA. June 2002. Quayle S, Hare H, Akopian V, Hwang D, **Jones S**, Schein J, Marra M, Sadar M. Gene expression profiles associated with progression of prostate cancer to androgen-independence.

548. Gordon Conference on Cell Death. Waterville, ME. June 2002. Gorski S, Anderson C, Chittaranjan S, Freeman D, Garland E, **Jones S**, Varhol R, Zuyderduyn S, Marra M. Transcription profiling of autophagic cell death.

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550. American Association for Cancer Research, Oncogenomics 2002. Dublin, Ireland. May 2002. **Jones S**, Ruzanov P, Asano J, Butterfield Y, Garland E, Girn N, Guin R, Hsaio L, Krzywinski M, Lam W, Lam S, Lee S, Lonergan K, McCauly C, Olson T, Oveisi M, Pandoh P, Saeedi P, Skalska U, Spence L, Smailus D, Stott J, Teague K, Varhol R, Yang G, Zuyderdyn S, Schein J, Marra M. Gene expression profiling of early-stage lung cancers.

551. Genome Sequencing & Biology. Cold Spring Harbor Laboratory, NY. May 2002. **Jones S**, Ruzanov P, Asano J, Butterfield Y, Garland E, Girn N, Guin R, Hsaio L, Krzywinski M, Lam W, Lam S, Lee S, Lonergan K, McCauly C, Olson T, Oveisi M, Pandoh P, Saeedi P, Skalska U, Spence L, Smailus D, Stott J, Teague K, Varhol R, Yang G, Zuyderdyn S, Schein J, Marra M. Identification of genes expressed in early-stage lung cancers.

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555. American Association for Cancer Research 93rd Annual Meeting. San Francisco, CA. April 2002. Lonergan K, MacAulay C, Smailus D, Zuyderduyn S, **Jones S**, Marra M, Lam S, Lam W. Comparing Expression Profiles of Lung Cancer Progression by SAGE.

556. 43rd Annual Drosophila Research Conference. San Diego, CA. April 2002. Kiger A, Baum B, Armknecht S, Chang M, Jones M, Coulson A, **Jones S**, Sönnichsen B, Echeverri C, Perrimon N. Functional genomic analysis of cellular morphology using high-throughput RNAi screens.

557. Worm Breeder's Gazette 17: 30. McKay S, Edgley M, Gilchrist E, **Jones S**, Moerman D. 2002. Gene Knockout Methods Available Online.

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560. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2001. Lonergan K, MacAulay C, Smailus D, Zuyderduyn S, **Jones S**, Marra M, Lam S, Lam W. Comparing Expression Profiles of Lung Cancer Progression by SAGE.

561. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2001. Fjell C, Chiu R, Saeedi P, **Jones S**, Schein J. Advances in bioinformatics for genetic physical mapping.

562. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2001. Cherkasov A, **Jones S**. Bioinformatics tools for neoantigens characterization and targeting.

563. BC Cancer Agency Annual Cancer Conference. Vancouver, BC. November 2001. Butterfield Y, Guin R, MacDonald K, Schnerch A, Skalska U, Smailus D, Zuyderduyn S, Krzywinski M, Schein J, **Jones S**. Bioinformatics for high-throughput Mu transposon sequencing.

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