CANADA'S MICHAEL SMITH GENOME SCIENCES CENTRE

CURRICULUM VITAE

STEVEN J.M. JONES

Canada's Michael Smith Genome Sciences Centre at BC Cancer 570 West 7th Avenue Vancouver, British Columbia V5Z 4S6 Canada	Phone: (604) 877 6083 Office Phone: (604) 707 5800 Main Office Fax: (604) 876 3561 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:

09/2019	Present	Adjunct Professor, Simon Fraser University, Molecular Biology & Biochemistry
04/2016	**Present**	**Co-Director, Canada's Michael Smith Genome Sciences Centre at BC Cancer**
04/2015	Present	Scientific Director, Canada's Genomic Enterprise (CGEN.ca)
05/2013	Present	Adjunct Professor, Simon Fraser University, School of Computing Science
07/2010	Present	Distinguished Scientist, BC Cancer Research Institute, BC Cancer
07/2010	Present	Professor, University of British Columbia, Medical Genetics
09/2006	Present	Chair, University of British Columbia, Bioinformatics Graduate Program
09/2006	Present	Associate Member, Peter Wall Institute for Advanced Studies
07/2002	Present	Founding Director, CIHR/MSFHR Bioinformatics Training Program
10/2001	Present	Director Bioinformatics, Genome BC Bioinformatics Platform
06/2000	Present	Associate Member, University of British Columbia, Michael Smith Laboratories
01/1999	**Present**	**Head, Bioinformatics, Canada's Michael Smith Genome Sciences Centre at BC Cancer**
10/2008	08/2019	Professor, Simon Fraser University, Molecular Biology & Biochemistry
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, University of British Columbia, Medical Genetics
11/2005	06/2010	Adjunct Professor, University of Manitoba, Medical Microbiology & Infectious Diseases
04/2001	10/2008	Adjunct Professor, Simon Fraser University, Molecular Biology & Biochemistry
10/2002	01/2007	Associate Director, University of British Columbia Bioinformatics Centre (UBiC)
07/2002	07/2005	Assistant Professor, University of British Columbia, Medical Genetics
02/2000	06/2002	Adjunct Professor, University of British Columbia, Medical Genetics
03/1994	06/1998	Bioinformatician, Bioinformatics Department, Sanger Centre, United Kingdom

HONOURS AND AWARDS:/

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 Royal Society of Canada
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
01/2023	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
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
07/2007	Canadian Bioinformatics Wkshp Lead Faculty Instructor - Genomics Vancouver 2007	Genomics	n/a	n/a	n/a
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	Genomics	n/a	n/a	n/a

	Lead Faculty Instructor - Genomics Calgary 2005				
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:

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:

02/2024	03/2024	Member, SickKids and CHU Sainte-Justine Precision Child Health Partnership (PCHP) Catalyst Program Adjudication Panel
04/2023	05/2023	Chair, Terry Fox Research Institute Marathon of Hope Cancer Centres Network, Review Committee for the Health Informatics & Data Science Competition
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, UBC
2021	Present	Member, CGEn Scientific Advisory Board, Canada's National Platform for Genome Sequencing & Analysis
07/2021	Present	Member, CRC Internal Review Committee, UBC

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, UBC
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
07/2012	Present	Member, CIHR Canadian Epigenetic, Environment and Health Research Consortium (CEEHRC)
10/2023	10/2023	Session Chair, Precision Oncology Experimental Therapeutics (POET) Calgary, Alberta. AI in Cancer
02/2023	02/2023	Member, Canada Research Chairs Internal Review Committee, UBC
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
03/2022	03/2022	Member, Canada Research Chairs Internal Review Committee, UBC
11/2021	11/2021	Session Chair, BC Cancer Summit, BC Cancer Research Stream, Virtual
09/2021	09/2021	Member, Canada Research Chairs Internal Review Committee, UBC
10/2020	10/2020	Session Chair, Pricision 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	Particpant, 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
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
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
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:

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.  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. . 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 students, 20 over career
MD and PhD/MD Graduate Students: 0 current students, 3 over career
MSc Graduate Students: 3 current, 16 over career

Name	**Mo/Year**	**Mo/ Year**	**Degree**	**Current Position**
Riya Saju **Title:** RapidOmics 2.0 project, title TBC (Co-supervisor with Jan Friedman)	09/2023	Present	MSc, UBC (Bioinformatics)	Graduate Student
Andrew Galbraith **Title:** Genome-Wide Detection of DNA Hydroxymethylation in Various Cancer Types Using Nanopore Sequencing	09/2022	Present	MSc, UBC (Bioinformatics)	Graduate Student

Yerin Kim **Title:** Direct detection of RNA message modifications (Co-supervisor with Ly Vu)	01/2022	Present	MSc, UBC (Bioinformatics)	Graduate Student
Faeze Keshavarz Rahaghi **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 **Title**: Integration of genomic and phenomic data for precision diagnosis and treatment within Autism Spectrum Disorder	09/2020	Present	PhD, UBC (Bioinformatics)	Graduate Student
Caralyn Reisle **Title**: Automatic Text Summarization of Genomic Findings for a Targeted Audience using Machine Learning	09/2020	Present	PhD, UBC (Bioinformatics)	Graduate Student
Luka Culibrk **Title:** Copy number variation in metastatic cancer: methods and analysis of somatic copy number variation in advanced human cancers	09/2017	Present	PhD, UBC (Bioinformatics)	Graduate Student
Glenn Chang **Title**: Allele specific expression in human cancer	01/2022	12/2023	MSc, UBC (Bioinformatics)	Graduate Student
Zheming (Jeremy) Fan **Title:** Structural Variant Calling and Resolution from Long Reads Sequencing Data	09/2020	01/2024	MSc, UBC (Bioinformatics)	Graduate Student
Tyler Kolisnik **Title:** A Machine Learning Approach to Deciphering Novel Genomic and Microbial Features in Colorectal Cancer (Co-supervisor with Olin Silander)	09/2020	10/2022	PhD, Massey University NZ	Graduate Student
Vahid Akbari **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)	Graduate Student
Michael Disyak **Title**: A Hierarchical Neural Network Approach to Pan-Cancer Classification	09/2019	02/2021	MSc, UBC	Graduate Student
Jasleen Grewal **Title:** Developing machine learning methods for using transcriptomic data to discriminate between tumour types	08/2015	01/2021	PhD, UBC	Post Doctoral Fellow Genome Sciences Centre
Jenny Yang **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 **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 **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 (Medical Resident) **Title**: Whole genome and whole transcriptome genomic profiling of a metastatic eccrine porocarcinoma	07/2016	10/2019	MD, UBC	Staff Physician, Dept Pediatrics, Sick Kids
Kevin Fan **Title:** Tumour-immune landscape and response to checkpoint inhibitors in diverse metastatic cancers	04/2018	05/2019	MD/PhD, UBC	Medical Student, UBC
Jake Lever **Title:** Building and Inferring Knowledge Bases Using Biomedical Text Mining	05/2014	09/2018	PhD, UBC	Lecturer at University of Glasgow, UK
Eric Zhao **Title:** Searching for targettable mutation signatures in human cancer	08/2013	06/2018	MD/PhD, UBC	Radiation Oncology Postgraduate resident, U of T
Celia Siu **Title:** Characterization of the normal reference thyroid epigenome	08/2015	02/2017	MSc, UBC	Data Engineer, Visier, Inc, Vancouver
Santina Lin **Title:** Identifying Relevant Biomedical Papers with Latent Semantic Analysis	08/2015	02/2017	MSc, UBC	Software Engineer, Microsoft, Bellevue, WA
Daryanaz Dargahi **Title:** Development of Therapeutic Approaches to Human Breast Cancer Using Mouse Models	09/2011	11/2016	PhD, SFU	Associate Scientist in Bioinformatics, Zymeworks Inc, Vancouver
Shing Zhan **Title:** Ultradeep population-level sequencing of mutant Caenorhaditis elegans	09/2011	03/2016	PhD, UBC	Lead Bioinformatics Scientist, Biodiversity Research Centre, UBC
Katayoon Kasaian **Title:** Genomics of Thyroid Cancer	09/2009	09/2015	PhD, UBC	Post Doctoral Fellow, The Ontario Institute for Cancer, Toronto
Anthony Fejes **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 **Title:** Drug-target interaction maps for computational drug repositioning discovery	01/2006	11/2011	PhD, UBC	Post Doctoral Fellow, Dana Farber Cancer Institute
Denil Wickrama **Title:** ChIP-seq analysis of SATB1, a metastatic chromatin remodeller	09/2008	02/2011	MSc	Unknown

Adam Hall **Title:** Custom Hardware for Solexa/Illumina DNA Short-Read Sequence Alignment	09/2008	11/2010	MSc, UBC	Uknown
Elizabeth Chun **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	PhD Graduate Student, Marra Lab, BC Cancer
Heesun Shin, co-supervised w. David Baillie **Title:** Transcriptome analysis for C. elegans based on expressed sequence tags (ESTs)	09/2004	06/2010	PhD, SFU	Product Manager, Thermo Fisher Scientific, San Francisco
Ben (Binhua) Liang, co-supervised w. Frank Plummer **Title**: Evolution of Human Immunodeficiency Virus Type-1 Envelope Gene	09/2005	02/2010	PhD, U of Manitoba	Senior Biologist and Head of Viral Bioinformatics, National Microbiology Laboratory, Public Health Agency of Canada
Monica Sleumer **Title:** The search for novel regulatory elements in C.elegans	09/2003	07/2009	PhD, UBC	Senior Research Scientist, Novo Nordisk, Beijing, China
Obi Griffith **Title:** Identification of gene regulatory changes involved in cancer progression by gene expression studies and bioinformatic analyses	09/2003	04/2008	PhD, UBC	Assistant Professor of Medicine, Division of Oncology , Assistant Director, McDonnell Genome Institute Washington University School of Medicine
Adrian Quayle **Title:** Application of biological networks to cancer therapy	01/2005	10/2006	PhD, UBC	Unknown
Stephen Montgomery **Title:** Computational Identification of Genetic Variation in Gene Regulatory Networks	09/2002	09/2006	PhD, UBC	Assistant Professor & Director of Genome Informatics, Dept. Pathology, Stanford University, California
Erin Pleasance **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 **Title:** Global gene expression profiling in human embryonic stem cells	09/2001	12/2005	MSc, UBC	Unknown
Michael Thorne **Title:** Transcriptional regulation & C. elegans in silico	07/1999	09/2001	MSc, UBC	Unknown

Post-doctoral Fellows: 0 Current Post Doc, 19 over career

Area	Name	Mos/Years	Mos/Years	Current Position
Genomics and epigenomics, Hereditary cancer, Rare disorders	Vahid Akbari	01/2024	Present	Postdoctoral Fellow
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	Research Associate, Genome Sciences Centre
Oxford Nanopore Sequencing for Cancer Diagnosis	Kieran O'Neill	10/2018	03/2020	Research Associate, Genome Sciences Centre
Preclinical studies of small molecule modulators for KMT2D mutant lymphoma	Sreeja Leelakumari	02/2013	01/2019	Research Associate, Genome Sciences Centre
Bioinformatics	Jahanshah Ashkani	01/2017	05/2019	Research Associate, Genome Sciences Centre
Integration of the CIViC knowledgebase into the Personalized OncoGenomics program	Cameron Grisdale	05/2017	05/2019	Research Associate, Genome Sciences Centre
Bioinformatics	Pinaki Bose	09/2013	07/2015	Director, Tumour Biology and Translational Research, Ohlson Research Initiative Arnie Charbonneau Cancer Institute Departments of Biochemistry & Molecular Biology and Surgery University of Calgary
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	Post Doctoral Fellow, Dana Farber Cancer Institute
Bioinformatics	Cydney Nielsen	09/2008	06/2013	Research Associate, Department of Pathology, University of British Columbia
Bioinformatics	Athanasios Zovoilis	08/2011	07/2012	Canada Research Chair in RNA Bioinformatics and Genomics Dept. of Chemistry and Biochemistry Dept. of Neuroscience University of Lethbridge
Bioinformatics	Obi Griffith	04/2008	03/2010	Assistant Professor of Medicine, Division of Oncology Assistant Director, McDonnell Genome Institute Washington University School of Medicine
Bioinformatics	Nawar Malhis	09/2007	03/2009	Research Associate, Michael Smith Labs, University of British Columbia
Bioinformatics	Peter Ruzanov	11/2001	11/2006	Scientific Associate at Ontario Institute for Cancer Research
Bioinformatics	Erin Pleasance	01/2006	04/2006	Staff Scientist, Genome Sciences Centre
Pathogenomics	Artem Tcherkassov	04/2001	01/2003	Senior Research Scientist, Vancouver Prostate Centre Professor, Dept. of Urologic Sciences, University of British Columbia; Adjunct Professor, Computer Science, Simon Fraser University
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: 1 Current Research Programmer

Area	Name	Mos/Years	Mos/Years
Bioinformatics /Jones Lab – RP	Javier Castillo-Arnemann	02/2022	Present
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 Research Associates over Career

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	Sreeja Leelakumari	01/2019	01/2022
Bioinformatics /Clinical Informatics	Jahanshah Ashkani	05/2019	09/2021
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
Bioinformatics /Clinical Informatics	Brad Davis	11/2012	03/2015

Staff Scientists: 9 Current Research Scientist, 15 over career

Area	Name	Mos/Years	Mos/Years
Bioinformatics	Samantha Jones	08/2022	Present
Bioinformatics /Clinical Informatics	Sreeja Leelakumari	01/2022	Present
Bioinformatics	Kieran O'Neill	05/2020	Present
Sequencing (Group Leader)	Richard Moore	2019	05/2023
Bioinformatics /Clinical Informatics	Laura Williamson	04/2018	05/2023
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	Misha Belinky	03/2005	Present

Bioinformatics	Jianghong An	06/2005	Present
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
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	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
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
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
05/23	Present	Anthony Oppedisano	Philip Hieter	PhD Medical Genetics Program, UBC
04/23	Present	Lilian Cordova	Kasmintan Schrader	MSc Medical Genetics Program, UBC
07/22	Present	Cathy Yan	Marco Marra	MSc Genome Science & Technology Program, UBC
07/22	Present	Shanwei (David) Tong	William Hsiao/Xiaonan Lu	MSc. Bioinformatics Program, UBC
06/22	Present	Signe MacLennan	Marco Marra	MSc Medical Genetics Program, UBC
12/21	Present	Andrew Sherrard	Jan Friedman	PhD, Genome Science & Technology Program, UBC
06/21	Present	Kyle Jenkins	Inanc Birol/Jan Friedman	MSc. Medical Genetics Program, UBC
2019	Present	Yuka Takemon	Marco Marra	PhD. Genome Science & Technology Program
2019	Present	Justin White	Peter Stirling	PhD. Medical Genetics Program, UBC
2015	Present	Prasath Pararajalingam	Ryan Morin	PhD. Molecular Biology & Biochemistry,SFU
07/21	04/2023	Ivan Gill	William Hsiao	MSc. Bioinformatics Program, UBC
06/21	04/2023	Pouya Ahmadvand	Ali Bashashati	MSc. Bioinformatics Program, UBC
2019	2021	Nicole Zhang	Wyett Wasserman/Sara Mostafavi	MSc. Bioinformatics Program UBC
2019	2021	Jordan Sicherman	Paul Pavlidis	MSc. Bioinformatics Program, UBC
2019	2020	Figali Taho	Inanc Birol	MSc. Bioinformatics Program, UBC
2018	2022	Venus Lau	Fiona Brinkman	PhD, Molecular Biology & Biochemistry,SFU
2018	2022	Kristina Gagalova	Inanc Birol	PhD. Bioinformatics Program, UBC
2015	2017	Emma Hitchcock	Bill Gibson	MSc. Medical Genetics Program, UBC
2015	2021	Veronique LeBlanc	Marco Marra	MSc. Genome Science & Technology Program
2012	12/2020	Elizabeth Chun	Marco Marra	PhD. Bioinformatics Program
2018	03/2018	Annie Cavalla	Marco Marra	MSc. Bioinformatics Program, UBC
2009	12/2017	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	NA.	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
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
09/2023	Vallijah Subasri	PhD, Medical Biophysicss	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)**
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)**
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
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

TRAINEE AWARDS, SCHOLARSHIPS & FELLOWSHIPS:

Trainee	Award Name	Awarding Agency	$ Amount	Year (s)
Vahid Akbari	Lloyd Skarsgard 2023 Research Excellence Prize - 2nd Place (CGS M)	BC Cancer Foundation	$750	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
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	$4000	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
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 He	Four Year Doctoral Fellowship (Y4F)	University of British Columbia	$72,800	2020 - 2024
Vahid Akbari	Four Year Doctoral Fellowship (Y4F)	University of British Columbia	$72,800	2020 - 2024
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	Nvidia	$1200 USD	2019

	Technology Conference 2019			
Luka Culibrk	Canada graduate scholarship " Genome-wide discovery and analysis of copy number variation in metastatic cancer"	CIHR Doctoral Award	$105,000	2019 - 2022
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
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	CIHR Doctoral Award	$135,000	2017 - 2020

	DNA Methylation Sequencing"			
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
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	CIHR Vanier Award	$150,000	2015 - 2018

	whole genome approach to cancer therapy)			
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 genome sequencing experiment)	University of British Columbia	$87,900	2011 - 2015
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
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 Travel Award	UBC	$1500	2002 - 2004

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 2,892 times (as of February 2023).

GRANTS AND AWARDS APPLIED FOR:

Granting Agency	Subject	Years	Amount	Principal Investigator	Co-Investigator
TFRI	MOHCCN Pathfinder Phase II	05/2023 to 10/2024	Total CAD $218,868	S Jones	M Marra

NIH	Accelerating the expert-crowdsourcing of cancer variant interpretation in CIViC	04/2024 to 03/2029	Total CAD $499,610	O Griffith	S Jones, J Laskin
NIH	Early assessment of malignant progression of oral premalignant mucosal lesions	12/2023 to 11/2028	Total CAD $1,350,000	DT Wong	C Poh, S Jones, C MacAulay
CRS	Investigating high-penetrant hereditary factors in Rwandan women with breast cancer	09/2024 to 08/2026	Total CAD $130,000	S Jones	K Schrader ML Thibodeau
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 GSC CAD: $242,565	M Brazas (NPI), G Bourque, W Hsiao, N Hughes, J Hussin, J Kong, S Pai, M Sukhai, W Wasserman, D Wishart	S Jones
NIH	Early Detection of Malignant Progression of Oral Pre-malignant Lesions (OPL)	09/01/2024 to 08/31/2029	Total USD $2,351,645 GSC USD: $1,346,260		S Jones C Poh C MacAulay

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 03/2024	Total CAD $37,700,000	J Laskin, M Marra	S Jones, K Glemon, H Lim
TFRI	The Enhanced Pancreatic Cancer Profiling for Individualized Care project	07/2017 to 06/2025	Total CAD $4,085,288	D Renouf, D Schaeffer, S Gallinger, G Zogopoulos, O Bathe	S Jones, M Marra, G Morin, J Knox, S Fischer, C O'Callaghan, M Moore
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	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
TFRI	Marathon of Hope Cancer Centres Network (MOHCCN)	06/2020 to 03/2024	Total CAD $13,056,160	M Marra, D Renouf	S Jones, C Steidl
CFI	CGEn – A National Platform for Genome Sequencing and Analysis *(Innovation Fund)*	04/2022 to 03/2026	Total CAD $28,655,584	S Scherer (NPI), S Jones, M Lathorp	M Marra, G Bourque, L Armstrong, N Jabado, I Ragoussis, L Strug
Genome Canada	The Canadian Biogenome Project	10/2021 to 09/2025	Total CAD $6,294,530	S Jones (NPI), M Murray	S Scherer, P Herbert, I Ragoussis, M Engstrom, K Howe, P Pulsifer, A Chabot
CIHR	Discovery of HPV-associated genomic alterations in cervical cancer	07/2022 to 03/2027	Total CAD $420,750	M Marra	S Jones

Genome Canada	Parent-of-Origin-Aware genomics analysis	10/2022 to 08/2025	Total CAD $6,040,300	K Schrader, S Jones, P Lansdorp	S Yip, S Sun, A Virani, D Regier
CIHR	Parent-of-Origin-Aware Genomic Analysis in Hereditary Cancer	04/2023 to 03/2026	Total CAD $1,115,000	K Schrader (NPI), S Jones (NPI), P Lansdorp	L Lefebvre, D Regier, S Sun, A Virani, 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 $1,070,000	S Jones (NPI),	C Boerkoel, W Gibson, R Weksberg
CFI	CGEn-Canada's national facility for genome sequencing and analysis *(Major Science Initiatives Fund)*	04/2023 to 03/2029	Total CAD $14,864,120	N Aziz (NPI), S Scherer, M Lathrop, S Jones	
Genome Canada	CGEn - national facility for genome sequencing and analysis *(Technology Development)*	04/2023 to 03/2026	Total CAD $1,333,333	S Scherer (NPI), L Strug, S Jones, I Ragoussis,	
TFRI	Genome BC Marathon of Hope Cancer Centre program (MOH002)	04/2022 to 03/2024	Total CAD $2,000,000	M Marra, D Renouf	S Jones
CIHR	Pan-Canadian Human Genome Library	09/2023 to 08/2028	Total CAD $529,205	G Bourque (NPI), C Bherer, M Brazas, M Brudno, N Caron, M Courtot, V Ferretti, Y Joly, S Jones, J Lerner-Ellis, I Stedman, L Stein, W Wasserman, M Zawati	

Genome Canada	RapidOmics 2.0: Long-read Genome Sequencing for Urgent Genetic Disease Diagnosis	10/2023 to 09/2026	Total CAD: $3,583,291	J Friedman C Ivany	A Elliott W Gibson S Jones L Lynd
CFI	CGEn – Canada's national platform for genome sequencing and analysis *(Innovation Fund)*	01/2024 to 12/2028	Total CAD $18,496,520 GSC amount: $5,942,140	S Scherer (NPI), M Lathrop, S Jones	N Jabado, G Bourque, M Marra, K Schrader, L Strug, P Subbarao, I Ragoussis

PAST GRANTS:

In order of end date (most recent first, oldest at end)

Granting Agency	**Subject**	**Years**	**Amount**	**Principal Investigator**	**Co-Investigators**
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 $49,285	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
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
CIHR	Early detection of cancer in high-risk patients through profiling of circulating tumour DNA	07/2018 to 06/2022	Total CAD $1,977,525	T Pugh (NPI), R Kim, A Pollet	S Jones, K Schrader, A Karsan, R Khokha
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
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 01/2022	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
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 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. **245-TFRI-1247**	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	
CIHR	Epigenetic Modifications Regulating Hepatocellular Carcinoma and Hepatocyte Differentiation **13-CIHR-1341**	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 **31-NIH-1002**	07/2011 to 05/2017	Total US $12,670,280	Marco Marra	Steven Jones, Martin Hirst
CIHR	Bioinformatics training for Health Research **13-CIHR-800**	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 **256-CCSRI-1510**	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
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. Collaborators: 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	

CHIR	Identifying Cytoprotective Responses Triggered Following Initial Exposure to Targeted Therapy: Defining Improved Treatment Strategies for Patients with HER-2 Positive Breast Cancer. **13-CIHR-967**	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

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 Alvarez-Buylla, Arturo Farnham, Peggy Fisher, Susan Haussler, David Kent, James McManus, Michael Tlsty, Thea Wang, Ting Weiss, Arthur Balmain, Allan De Jong, Pieter Gray, Joe Karpen, Gary Kwok, Pui-Yan Panning, Barbara Pinkel, Dan 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	

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 (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 **13-CIHR-501**	10/2007 to 03/2013	Total CAD amount $2,384,996	A. Coldman, M. Elwood, C. MacAulay, S. Peacock., I. Tai, H. Zeng	Collaborators: S. Jones, M. Marra, et al
NCIC	The identification of mutation specific inhibitors through whole genome re-sequencing of breast cancer cell-lines **28-NCIC-27**	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 **13-CIHR-685**	07/2008 to 06/2011	Total CAD amount $477,534	Marcel Bally	Sam Aparicio, Steven Jones, Janessa Laskin, Marco Marra

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 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 Community Trust Endowment Fund	Bioinformatics for Combating Infectious Diseases: Novel methods for drug and target identification and evaluation	04/2007 to 03/2012 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: $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 Grant # 1 R01 CA105304-01	04/2004 to 02/2010	Total USD amount: $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 **19-GBC-750**	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

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
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 Grant# STP-53919	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 **56-MSFHR-155**	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,
CIHR	Genomics, Genetics & Gerontology (G3): A multidisciplinary team for the study of healthy aging Grant #:116074 **13-CIHR-76**	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
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
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 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 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* Grant #: 228249-99	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
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

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Pending:

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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.

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545. Simmen MW, Leitgeb S, Charlton J, **Jones SJ**, Harris BR, Clark VH, Bird A. Nonmethylated transposable elements and methylated genes in a chordate genome. **Science.** 1999 Feb 19;283(5405):1164-1167. PMID: 10024242

546. The *C. elegans* Sequencing Consortium. How the worm was won: The *C. elegans* Sequencing Project. **Trends in Genetics.** 1999 Feb;15(2):51-58. PMID: 10098407

547. The *C. elegans* Sequencing Consortium. Genome Sequence of the Nematode *C. elegans*: A platform for Investigating Biology. **Science.** 1998 Dec 11;282(5396):2012-2018. PMID: 9851916

548. Simmen MW, Leitgeb S, Clark VH, **Jones SJ**, Bird A. Gene number in an invertebrate chordate, Ciona intestinalis. **Proc Natl ACAD Sci USA.** 1998 Apr 14;95(8):4437-40. PMID: 9539755

549. van Wageningen AM, Kirkpatrick PN, Williams DH, Harris BR, Kershaw JK, Lennard NJ, Jones M, **Jones SJ**, Solenberg PJ. Sequencing and analysis of genes involved in the biosynthesis of a vancomycin group antibiotic. **Chemical Biology.** 1998 Mar 5;3:155-62. PMID: 9545426

550. **Jones SJM**, Baillie DL. *Characterisation of the let-653 gene in Caenorhabditis elegans*. **Molecular and General Genetics**. 1995 Oct 25; 248:719-726. PMID: 7476875

551. **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 1

1. 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 169

1. BioNet 2024. March 26-27, 2024. Banff, AB. Title: Long reads, phasing and epigenomics.

2. Nanopore Day. February 14, 2024. Seattle, WA. Invited Speaker. Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.

3. 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.

4. Oxford Nanopore Technologies Webinar. November 9, 2023, Virtual. Invited Speaker: Title: Nanopore Sequencing: Driving Research Insights from Neonatal Intensive Care to Cancer.

5. 20th ICGC/ 7th ICGC-ARGO Scientific Workshop. November 9, 2023, Roosevelt Island, New York. Invited Speaker: Title: Nanopore Sequencing for Personalised OncoGenomics.

6. Nanopore Day. October 26, 2023. Toronto, Ontario. Invited Speaker: Title: Nanopore sequencing – Insights from neonatal intensive care to cancer.

7. POET 2023 Congress (Precision Oncology Experimental Therapeutics). October 12, 2023, Calgary, Alberta. Invited Speaker: Title: Machine Learning to Accelerate Clinical Interference.

8. 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.

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

10. 3rd Annual BioNet Conference. June 1, 2023, Edmonton, Alberta. Invited Keynote Speaker: Title: Studying Genomes when the Epigenome comes along for the ride.

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

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

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

14. 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.

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

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

17. 2nd Annual BioNet Conference. May 27, 2022, Calgary, Alberta. Invited Keynote Speaker: Title: Adventures in Long-read sequencing.

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

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

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

21. 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.

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

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

24. 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.

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

26. 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.

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

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

29. 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.

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

31. 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.

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

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

34. 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.

35. 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.

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

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

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

39. 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.

40. 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.

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

42. 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.

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

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

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

46. 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.

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

48. 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

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

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

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

52. 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.

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

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

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

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

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

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

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

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

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

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

63. 2nd EMBL Conference on Cancer Genomics, Heidelberg, Germany. November 3, 2013. Invited Speaker. Title: Cancer Genomcis to aid in clinical decision making.

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

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

66. 3rd Annual Scientific Summit, New Orleans, Louisianna. June 4, 2013. Invited Speaker. Title: Utilizing complete genome sequencing to inform clinical decision making in oncology.

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

68. 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.

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

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

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

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

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

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

75. 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

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

77. 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.

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

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

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

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

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

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

84. 9th Asia Pacific Bioinformatics Conference, Seoul, South Korea, January 2011. **Keynote Speaker**. Title: Bioinformatics and Cancer Genomics.

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

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

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

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

89. 3rd Annual Canadian Human Genetics Conference, Saint Sauveur, Quebec. April 19, 2010. Invited Speaker. Title: Complete Genome Sequencing to identify oncogenic mutations.

90. 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.

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

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

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

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

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

96. 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.

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

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

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

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

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

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

103. 4th 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.

104. 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.

105. 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.

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

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

108. 16th International Congress of Cytology. Vancouver, BC. May 2007. Invited Speaker. Title: Determining genomic changes through Bioinformatics.

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

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

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

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

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

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

115. 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.

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

117. 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.

118. 2005 AGBT Meeting. Marco Island, FL. February 2005. Plenary speaker. Title: A High-Throughput Approach for cis-Regulatory Elements Detection Across Mammalian Genomics.

119. 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.

120. 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.

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

122. 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.

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

124. 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.

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

126. 21st Annual Meeting of the Society for Computer Applications in Radiobiology. Vancouver, BC. May 2004. Platform Speaker. Title: Open Source Software in Medicine.

127. 2nd Annual Gene Expression Conference. Vancouver, BC. March 2004. Invited speaker. Title: Integrated Approaches to regulatory element detection using the Sockeye Platform.

128. 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.

129. 1st Canadian Plant Genomics Workshop. Saskatoon, SK. August 2003. **Keynote Speaker**. Title: Integrated genomic approaches to interpreting gene expression data.

130. 1st Canadian Gene Expression Conference. Vancouver, BC. March 2003. Invited speaker. Title: Serial Analysis of Gene Expression in Cancer Research.

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

132. 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

151. 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.

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

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

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

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

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

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

158. 5th Annual International Human Genome Meeting. Vancouver, BC. April 2000. Platform presentation. Pathogenomics: Bioinformatic approaches to determine host and pathogen molecular interactions.

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

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

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

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

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

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

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

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

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

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

169. 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 600

1. 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.**

2. 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.**

3. 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**.

4. 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**.

5. 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**.

6. 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.**

7. 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.**

8. 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**.

9. 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**.

10. 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**.

11. 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.**

12. 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**.

13. 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**.

14. 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**.

15. 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.**

16. 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.**

17. 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**.

18. 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.**

19. 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.**

20. 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.**

21. 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.**

22. 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.**

23. 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.**

24. 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.**

25. 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.**

26. 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**.

27. 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.**

28. 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.**

29. 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.**

30. 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.**

31. 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.**

32. 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.**

33. 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.**

34. 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.**

35. 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.**

36. 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.**

37. 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)**

38. 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.**

39. 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.**

40. 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.**

41. 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.**

42. 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.**

43. 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.**

44. 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.**

45. 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.**

46. 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.**

47. 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**.

48. 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**.

49. 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.**

50. 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**.

51. 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.**

52. 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.**

53. 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.**

54. 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.**

55. 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**.

56. 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.**

57. 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.

58. 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**

59. 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.**

60. 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.**

61. 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.**

62. 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.**

63. 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.**

64. 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.**

65. 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.**

66. 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.

67. 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*)

68. 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)

69. 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).**

70. 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).**

71. 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).**

72. 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

73. 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

74. 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

75. 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

76. 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

77. 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.

78. 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.

79. 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.

80. 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

81. 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.

82. 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.

83. 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.

84. 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.

85. 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

86. 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**

87. 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.**

88. 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.

89. 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**

90. 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.**

91. 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**

92. 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.

93. 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**

94. 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**

95. 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.

96. 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

97. 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.**

98. 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.**

99. 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.**

100. 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.)**

101. 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.

102. 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.

103. 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.

104. 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.

105. 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

106. 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.**

107. 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.

108. 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)**

109. 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.

110. 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.

111. 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)**

112. 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

113. 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*

114. 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)**

115. 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.

116. 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

117. 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)**

118. 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.)**

119. 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)**
120. 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.

121. 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.

122. 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

123. 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.)

124. 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.

125. 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)

126. 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.

127. 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.

128. 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.**

129. 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)**

130. 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)**

131. 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**

132. 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)**

133. 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**

134. 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**

135. 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**

136. 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**

137. 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**

138. 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)**

139. 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)**

140. 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.**

141. 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

142. 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

143. 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).**

144. 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."

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

146. 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**

147. 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)**

148. 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.

149. 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.

150. 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)**

151. 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).

152. 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).

153. 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.

154. 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)**

155. 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.**

156. 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?

157. 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)**

158. 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)**

159. 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)

160. 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)**

161. 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**.

162. 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**

163. 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.**

164. 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.**

165. 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.**

166. 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.**

167. 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.**

168. 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.

169. 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).**

170. 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).**

171. 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).

172. 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.**

173. 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.**

174. 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.

175. 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.

176. 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**

177. 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)**

178. 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)**

179. 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)**

180. 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).

181. 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**.

182. 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.

183. 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.**

184. 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

185. 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.

186. 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).**

187. 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.

188. 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

189. 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.

190. 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).

191. 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).**

192. 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.

193. 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).**

194. 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.

195. 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.

196. 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)**

197. 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)**

198. 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)**

199. 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.

200. 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.

201. 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.

202. 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)**

203. 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)**

204. 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.

205. 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.

206. 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.

207. 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?

208. 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.

209. 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.

210. 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**.**

211. 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.

212. The 27th 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.

213. 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.

214. 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.

215. 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.

216. 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.

217. 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**.**

218. 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

219. 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.

220. 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.

221. 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.

222. 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.

223. 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.

224. 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.

225. 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.

226. 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.

227. 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.

228. 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.

229. 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.

230. 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.

231. 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.

232. 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)**

233. 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.

234. 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)**

235. 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.

236. 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.

237. 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.

238. 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.

239. 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.

240. 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.

241. 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.

242. 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.

243. 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.

244. 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.**

245. 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.

246. 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.

247. 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.

248. 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.

249. 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**.**

250. 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.

251. 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.

252. 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.

253. 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.

254. 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.

255. 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.

256. 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.

257. 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.

258. 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.

259. 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.

260. 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

261. 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.

262. 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.

263. 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.

264. 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.

265. 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.

266. 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.

267. 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.

268. 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.

269. 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.

270. 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.

271. 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.

272. 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.

273. 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.

274. 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.

275. 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.

276. 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)

277. 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.*

278. 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.

279. 16th International Congress of Cytology, Vancouver, BC. May 2007. Jones S. Determining genomic changes through bioinformatics.

280. 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.

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282. 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.

283. 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.

284. 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.

285. 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.

286. 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.

287. Advances in Genome Biology and Technology (AGBT) Conference, Marco Island, Florida, Feb. 2007. Griffith OL, Montgomery SB, Bergman CM, Bilenky M, Chu B, Pleasance ED, Prychyna Y, Sleumer MC, Zhang X, Jones SJM. ORegAnno: A Community-Based Annotation System for Literature-Derived Regulatory Sequences. Abstract.

288. Advances in Genome Biology & Technolgy (AGBT) Conference Marco Island, Florida. Feb. 2007. **Steven J.M. Jones**, Matthew Bainbridge, Anthony P. Fejes, Rene L. Warren, Martin Hirst, Richard Moore, Martin Krzywinski, Jacqueline E. Schein, Joseph Conners, Randy Gascoyne, Robert A. Holt and Marco A. Marra. Massively parallel sequencing-by-synthesis for detection of genetic aberrations in human cancer.

289. Advances in Genome Biology and Technology (AGBT) Conference, Marco Island, Florida. Feb. 2007. Schein J, Krzywinski M, Birol I, Chiu R, Field M, Wong K, Johnson L, Lee D, Mathewson C, Ali J, Baross A, Bosdet I, Chan S, Corbett R, Dellaney A, Li I, Pugh T, Warren R, Yang G, Johnson N, Relander T, Holt R, Jones S, Gascoyne R, Horsman D, Connors J, Marra M. Multi-Patient High-Resolution Genome Rearrangement discovery in Follicular Lymphoma.

290. The Fifth Asia Pacific Bioinformatics Conference. Hong Kong January 2007. Li YY, An J, Jones SJM. A Large-scale computational method for kinase-drug interaction prediction.

291. The Fifth Asia Pacific Bioinformatics Conference. Hong Kong January 2007. Li YY, An J, Jones SJM. Computational Drug Repositioning and Side Effect Prediction for Kinase Inhibitors.

292. Plant & Animal Genome XV Conference. San Diego, California January 2007. Kirkpatrick R, Jones S. Establishing a Bioinformatics Quality Programme in an Adademic Environment.

293. Prostate Cancer Research Retreat. Orangeville ON. January 2007. An J, Sadar M, Jones S. Structure Based Drug Discovery against Novel Binding Pockets of Androgen Receptors.

294. BCCA Annual Cancer Conference, Vancouver, BC. Nov, 2006. Hirst M, Delaney A, Rogers SA, Schnerch A, O'Connor MD, Zeng T, Moksa M, Fichter K, Mah D, Go A, Zhao Y, Khattra J, Prabhu AL, Pandoh P, McDonald H, Dhalla N, Ma K, Lee S, Ally A, Chahal N, Siddiqui A, Holt R, Jones S, Gerhard DS, Thomson JA, Eaves CJ, Marra MA. A novel transcript identified by LongSAGE is a specific transcriptional marker of pluripotency in human embryonic stem cells.

295. BCCA Annual Cancer Conference, Vancouver, BC. Nov. 2006. Kneller JM, **Jones S**. Identification of cancer targets by SAGE library comparison.

296. BCCA Annual Cancer Conference, Vancouver, BC. Nov. 2006. Romanuik T, Holt R, **Jones S**, Marra M, Sadar MD. Identification of novel androgen-regulated genes in LNCAP human prostate cancer cells using long serial analysis of gene expression.

297. BCCA Annual Cancer Conference, Vancouver, BC. Nov. 2006. Wang G, **Jones S**, Marra MA, Sadar MD. Dysregulation of Androgen receptor and protein kinase a pathways in the hormonal progression of prostate cancer.

298. Merck Frosst Biology Research Day. Kirkland, Quebec. October 2006. Li YY, An J, **Jones S**. A large-scale computational approach to drug repositioning.

299. American Society of Human Genetics. New Orleans, LA. October 2006. Simpson EM, Wasserman WW, Holt RA, **Jones SJ**, Goldowitz D, Ward S, Kingsley S. Pleiades Promoter Project: Genomic Resources Advancing Therapies for Brain Disorders.

300. Cold Spring Harbor Laboratory/Wellcome Trust Conference: Genome Informatics.Hinxton UK. September 2006. Shin H, Hirst M, Bainbridge MN, Warren RL, Baillie DL, Jones SJM. Transcriptome Analysis for C. Elegans Based on Novel Expressed Sequence Tags (ESTs)

301. Cold Spring Harbor Laboratory/Wellcome Trust Conference: Genome Informatics.Hinxton, UK. September 2006. Liao N, Chun E, Wynhoven B, Kirkpatrick R, Siddqui A, Jones S. An Effective Approach to EST Sequence Filtering System.

302. Genome BC Genomics Forum. Vancouver, BC. July 2006. Palmquist D, Huang P, Wynhoven B, Chun E, Kirkpatrick R, Ali J, Sidiqqui A, Holt R, Marra M, Jones S. Achieving Transparent and Consistent High Quality in cDNA Finishing

303. The Sixth Canadian Computational Chemistry Conference, Vancouver BC, July 2006. Li YY, An J, **Jones SJM**. A high throughput computational approach to find new uses for old drugs.

304. Genome BC Genomics Forum. Vancouver, BC. July 2006. Bainbridge MN, Warren RL, Delany A, Griffith M, Hirst M, Magrini V, Mardis ER, Sadar MD, Romanuik T, Siddiqui AS, Marra MA, **Jones SJM**. Analysis of the prostate cancer cell line LNCaP transcriptome using a sequencing-by-synthesis approach.

305. 2006 Annual Meeting for the American Society of Colon and Rectal Surgeons. Seattle WA. June 2006. Leung S, Griffith O, Phang T, **Jones S**, Masoudi H, Wiseman S. Additional variables other than AJCC staging show clinical utility for colon cancer patient prognostication.

306. 8th Annual Meeting of IBANGS. Vancouver BC. May 2006. Xie Y-Y, Bohacec S, Lee LLC, Delaney A, Khattra J, Holt R, Siddiqui A, **Jones SJM,** Marra MA, Simpson EM. Knowing your behavioural model: LCM-LongSAGE-Lite established for the developing mouse brain.

307. 8th Annual Meeting of IBANGS. Vancouver BC. May 2006. Simpson E, Wasserman W, Holt R, **Jones SJM**, Goldowitz D, Ward S, Kingsley S. Pleiades Promoter Project: Genomic Resources Advancing Therapies for Brain Disorders.

308. Canadian Breast Cancer Research Alliance meeting. Montreal QU. May 2006. Raouf A, Zhao Y, To K, Stingl J, Delaney A, Schnerch A, Asano J, **Jones S**, Emerman J, Marra M, Eaves C. Characterization of primitive human mammary epithelial cells.

309. The Biology of Genomes. Cold Spring Harbor Laboratory, NY. May 2006. Delaney AD, Li HI, Nayar T, Baross A, Ally A, Asano J, Bailey D, Birch P, Brown-John M, Cao M, Chan S, Eydoux P, Fernandes N, Flibotte S, Go A, Holt RA, **Jones S**, Kennedy G, Krzywinski M, Langlois S, Schein J, Siddiqui A, Friedman

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365. 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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487. 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.*

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