

## CURRICULUM VITAE

July 26, 2023

### **JAMES ELLIS**

Senior Scientist, Developmental & Stem Cell Biology Program  
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#### **Education**

1985-1990 Ph.D. (Toronto) - Department of Medical Genetics.  
1980-1984 B.Sc. Honours (McGill) - Department of Microbiology and Immunology.

#### **Positions Held**

2000-Pres Senior Scientist, SickKids Hospital, Toronto.  
Research subjects: iPS cells for modeling human disease, gene silencing of retrovirus vectors in stem cells; regulation and replication of human  $\beta$ -globin transgenes; gene therapy of Sickle Cell Anemia and Rett Syndrome.

2013-2023 Research Integrity Advisor, SickKids Hospital, Toronto.

2008-2010 Scientific Co-Director, Ontario Human IPS Cell Facility.

1994-2000 Scientist, SickKids Hospital, Toronto.  
Research subjects: Regulation and chromatin structure of human  $\beta$ -globin transgenes; gene silencing of retrovirus vectors in stem cells; gene therapy of  $\beta$ -thalassemia and other blood disorders.

1990-94 Postdoctoral Fellow at National Institute for Medical Research, London, U.K.  
Supervisor: Dr. Frank Grosveld. Research subject: Characterization of the human  $\beta$ -globin locus control region.

1985-90 Ph.D. student at Mount Sinai Hospital Research Institute and Department of Medical Genetics, University of Toronto, Toronto. Supervisor: Dr. Alan Bernstein.  
Thesis subjects: Mechanism of retroviral integration; Gene targeting.

1983-84 B.Sc. honours and summer student at Department of Microbiology and Immunology, McGill University, Montreal. Supervisor: Dr. John Hassell. Thesis subject: Retrovirus mediated gene transfer of the Polyoma T antigens.

#### **Appointments**

2010-Pres Professor, Department of Molecular Genetics, University of Toronto.

2006-Pres Developmental and Stem Cell Biology Program, SickKids Hospital.

2001-10 Associate Professor, Department of Molecular Genetics, University of Toronto.

1998-2006 Developmental Biology Program, and Cancer and Blood Research Program, SickKids Hospital.

1996-2000 Assistant Professor, Department of Molecular & Medical Genetics, University of Toronto.

1996-2001 Blood Gene Therapy Program, SickKids Hospital.

1995-97 Department of Genetics, Program in Developmental Biology, SickKids Hospital.

### **Honours, Fellowships, Scholarships**

2020	Janet Rossant Research Innovation Award (\$25,000) for Hildebrandt et al 2019.
2020	Finalist and Honourable Mention for Somerfeld-Ziskind award for outstanding research investigation from the Society for Biological Psychiatry for Ross et al 2020.
1990-93	Medical Research Council postdoctoral fellowship (Top-ranked candidate).
1990	National Cancer Institute postdoctoral fellowship (declined).
1990	National Science and Engineering Research Council postdoctoral fellowship (declined).
1985-89	National Science and Engineering Research Council postgraduate studentship.
1985	University of Toronto Open Masters fellowship (declined).

### **Funding History - Current Grants (\*Covid19 one year extension, or no cost extension)**

2023-25	Stem Cell Network Impact Grant submitted by Dr. <u>J. Ellis</u> (PI) and A. Zani, J.Y. Youn and K. Singh (Co-Apps). (\$250,000 total requested). Extracellular vesicles transport molecular cargo from stem cell derived healthy astrocytes to rescue Rett syndrome neuron dysfunction.
2023-25	CBMH Innovation Fund (as match for SCN grant above) to Dr. <u>J. Ellis</u> (PI) and A. Zani, J.Y. Youn (Co-Apps). (\$100,000 total). Extracellular vesicles transport molecular cargo from stem cell derived healthy astrocytes to rescue Rett syndrome neuron dysfunction.
2023-24	Ontario Rett Syndrome Association (ORSA) Hope Grant. Dr. <u>J. Ellis</u> (PI) and A. Zani (Co-App) (\$100,000 total). IGF1 responsive microRNA biomarkers in Rett syndrome astrocyte-derived Extracellular Vesicles.
2023-24	David Dime Family Catalyst Initiative submitted by Dr. J.-Y. Youn (PI) and Y.-C. Tsai, <u>J. Ellis</u> , H. Rost, A. Zani (Co-Apps) (\$50,000 total). Proteomics on human astrocyte-derived Extracellular Vesicles to define biomarkers for Rett syndrome therapy.
2023-24	Romach-Sellers Family Neurobiology Innovation Award to Dr. S. Prescott (PI), and <u>J. Ellis</u> (Co-App). (\$65,000 total). Homeostatic regulation of neuronal excitability in Rett syndrome.
2022-29	Canada Research Chair (Tier 1) in “Stem Cell Models of Childhood Disease” (\$200,000 per year to <u>J. Ellis</u> ).
2022-24	Azrieli Foundation RNA and the Brain grant to Dr. G. Yang (PI) and <u>J. Ellis</u> (Co-app, \$50,000 per year to <u>J. Ellis</u> ). Dissecting and targeting mRNA regulation in brain development.
2022-23	C-BMH Chase an Idea Grant to Drs. <u>J. Ellis</u> (PI), John Sled (Co-App) and Emily Tam (Collab) (\$65,000 total). Neurodevelopmental delays associated with fetal cardiomyopathy: Probing astrocyte dysfunction using stem cell-derived human neuronal networks.
2021-26	CIHR Project grant (PJT175034) to Dr. S. Mital (PI) and <u>J. Ellis</u> (CoPI) (\$188,190 per year). A role for novel regulatory variants in childhood cardiomyopathies.
2020-26*	CIHR Project grant (PJT168905) to Dr. <u>J. Ellis</u> (\$182,835 per year). Post-Transcriptional Regulation of Functionally Significant Gene Sets During Neurodevelopment of Rett Syndrome. Covid 2020 Supplement \$19,069.
1997-2025	Beta Sigma Phi International Endowment Fund award to Dr. <u>J. Ellis</u> (US\$5,000 per year). Gene therapy of $\beta$ -thalassemia, sickle cell anemia and Rett syndrome.

### **Funding History - Previous Grants (\*Covid19 one year extension, or no cost extension)**

2022-23	ORSA Hope Fund Grant to Drs. <u>J. Ellis</u> (PI) and A. Zani (Co-App) (\$50,000 total). Astrocyte-derived Extracellular Vesicles to Rescue Rett Syndrome Neurons.
2019-23*	CIHR ERARE Team Grant (ERT161303) - Transnational Research Projects on Rare Diseases to Dr. <u>J. Ellis</u> (Co-App \$125,000 per year). Team PI is H. van

- Bokhoven in the Netherlands. Identification of converging Molecular Pathways Across Chromatinopathies as Targets for Therapy: IMPACT. Covid 2020 Supplement \$13,037.
- 2020-22\* SickKids HSBC Catalyst Research Grant to Drs. J. Ellis (PI) and A. Zani (\$25,000 to J. Ellis). Astrocyte-derived Exosomes to Rescue Rett Syndrome Neurons. Note one year no-cost extension to 2022.
- 2018-22\* Ted Rogers Centre for Heart Disease Strategic Innovation grant to Dr. J. Ellis (PI), S. Mital (CoPI), P. Billia, C. Simmons and M. Radisic (Total \$1 million - \$180,000 per year to SickKids). Precision Therapeutics for MYH7 and MYBPC3 Associated Cardiomyopathies. Note one year no-cost extension to 2022.
- 2018-21 Ontario Brain Institute Grant to Drs. E. Anagnostou, P. Arnold and co-applicants (\$138,979 per year to J. Ellis). Province of Ontario Neurodevelopmental Disorders Network (POND).
- 2018-19 McLaughlin Centre Accelerator grant to Dr. J. Ellis (PI) (\$70,000 total). A resource of healthy iPSCs derived from the Personal Genome Project of Canada.
- 2017-22\* SFARI Research grant (#514918) to Dr. J. Ellis (PI) and J. Martinez-Trujillo (US \$273,340 per year for 3 years). Network Activity and Translational Regulation in *SHANK2* ASD neurons. Note 1.5 year Covid 2020-22 extension and supplement of \$91,600 USD.
- 2017-21\* Col Harland Sanders Rett Syndrome Research Fund at University of Toronto to Dr. J. Ellis (\$333,000 per year for 3 years). Rett syndrome stem cell derived neurons: function and drug screening. Note one year no-cost extension to 2021.
- 2017-19 John Evans Leadership Fund (CFI) to Dr. J. Ellis (\$188,744). Stem cell derived neuron phenotyping and drug screening platform.
- 2017-19 Ontario Research Fund (ORF) to Dr. J. Ellis (\$188,744). Stem cell derived neuron phenotyping and drug screening platform.
- 2017-18 Medicine by Design New Ideas grant to Dr. J. Ellis (\$27,000). Pilot Platform – Development of cell lines for basic research.
- 2017-18 OIRM New Ideas grant to Dr. K. Singh (PI), J. Ellis and S. Scherer (\$25,000 to J. Ellis). Candidate drug testing in a new isogenic human stem cell model of Autism Spectrum Disorder (ASD).
- 2017-18 Ted Rogers Centre for Heart Disease core matching funds to Dr. J. Ellis (\$150,000 per year). Cardiomyopathy stem cell project.
- 2016-19 Chronic Pain Network SPOR project grant to Drs. S. Prescott (PI), M. Salter and J. Ellis (\$128,250 total to J. Ellis). Improving personalized medicine through discovery of pain mechanisms using patient derived neurons.
- 2016-19 Medicine by Design Accelerator grant to Drs. J. Ellis (PI), B. Blencowe, Q. Morris J. Calarco and F. Miller (\$83,000 per year to J. Ellis). Post-transcriptional gene regulatory modules that control stem cell differentiation.
- 2016-20\* CIHR Project grant (PJT-148746) to Dr. J. Ellis (PI) (\$191,125 per year). Regulation of mRNA stability and translation during human neurodevelopment.
- 2016-18 McLaughlin Centre Accelerator grant to Dr. J. Ellis (PI) (\$100,000 total). iPS cells with known Personal Genome Project sequences: a resource of healthy cell controls for disease modeling and genome editing.
- 2016-18 OBI grant to Dr. J. Ellis (\$93,763). Epigenetic Diseases Platform.
- 2013-18 CIHR grant (EPS-129129) on Canada-Japan Teams in Epigenetics of Stem Cells to Drs. A. Nagy (PI), J. Ellis and J. Tremblay (\$121,000 per year to J. Ellis). Directing cellular identity to move towards progenitor cell therapies.
- 2013-18 CIHR grant (MOP-126146) to Drs. J. Ellis and S. Mital as co-PIs (\$64,018 per year to J. Ellis). iPS cells to model vascular disease in patients with Williams Beuren syndrome.

2013-18 Ontario Brain Institute Grant to Drs. E. Anagnostou, P. Arnold and co-applicants (\$138,979 per year to J. Ellis). Province of Ontario Neurodevelopmental Disorders Network (POND).

2015 Travel Grant from the Secretariat on Responsible Conduct of Research to Dr. J. Ellis to attend the 4<sup>th</sup> World Conference on Research Integrity in Rio de Janeiro (\$2,500).

2014-17 CIHR grant (MOP-133423) to Drs. J. Ellis (PI) and M. Salter (\$151,663 per year). MeCP2 function and rescue in neurons derived from Rett syndrome patient iPS cells.

2014-15 OBI grant to Drs. J. Eubanks (PI), J. Ellis and J. Lerch (\$100,000 to J. Ellis). Epigenetic Diseases Platform.

2014-15 OIRM New Ideas grant to Drs. J. Ellis (PI) and B. Blencowe (\$75,000 total). Translational control of disease-causing transcripts in human ES cells and neurons.

2014-15 CIMVHR grant to Dr. J. Ellis (PI) (\$82,388 total). Investigating cellular reprogramming as a tool for identifying neural based assays for post-traumatic stress disorder.

2014-15 Al Qamra Holding Group donation to Dr. C. Bear (PI) and co-applicants (\$57,090 to J. Ellis). Therapy development for cystic fibrosis patients in Qatar.

2013-16 Brain Canada MIRI grant to Drs. R. Melnyk (PI), S. Josselyn, J. Ellis, E. Grunebaum and B. Minassian (\$88,598 per year to J. Ellis). Carrier mediated delivery of therapeutic proteins into the brain.

2013 SickKids Stem Cell Innovation Grant to Drs. J. Ellis and S. Mital as Co-PIs (\$28,000 to J. Ellis). Vascular smooth muscle differentiation from patient iPS cells: development of a drug screening platform.

2011-14 CIHR grant (MOP-111065) to Dr. J. Ellis (\$118,412 per year). Retrovirus silencing and chromatin reorganization in stem cells.

2011-13 NIH R33 Grant (4R33MH087908-03) to Drs. J. Ellis (PI), S. Scherer, R. Weksberg, S. Yao, S. Ding (US\$152,000 per year to J. Ellis). Patient iPS cells with copy number variations to model neuropsychiatric disorders.

2011-13 Ontario Brain Institute Grant to E. Anagnostou, P. Arnold and co-applicants (\$158,883 per annum for 18 months to J. Ellis). Province of Ontario Neurodevelopmental Disorders Network (POND).

2011-13 ORF-GL2 grant (GL2-01-038) to Dr. M. Bhatia (PI) and co-applicants (\$41,250 per annum to J. Ellis). Ontario Consortium for Regeneration Inducing Therapies.

2010-13 CIHR grant (MOP-102649) to Drs. J. Ellis (PI) and M. Salter (\$144,177 per annum). Rett Syndrome disease studies using induced Pluripotent Stem Cells.

2010-11 CIHR Bridging Grant (IG1-102956) to Dr. J. Ellis (\$100,000). Retrovirus silencing and chromatin reorganization in stem cells.

2009-14 CIHR Emerging Team grant (GPG-102171) to Drs. F. Ratjen (PI), C. Bear, P. Durie, J. Ellis, and D. Rotin (\$47,000 per year to J. Ellis). CIHR Emerging Team in Cystic Fibrosis Therapy.

2009-11 NIH R21 Grant (1R21MH087908-01) to J. Ellis (PI), S. Scherer, R. Weksberg, S. Yao, S. Ding (US\$100,000 per annum to J. Ellis). Patient iPS cells with copy number variations to model neuropsychiatric disorders.

2009-10 CIHR Bridging grant (IG1-94505) from the Institute of Genetics to Dr. J. Ellis (\$100,000). Induced pluripotent stem cells to model human Rett syndrome.

2009 MITACs event funding to Drs. J. Ellis (PI) and S. Charge (\$20,000). Human Induced Pluripotent Stem Cell Training Course.

2008-13 CIHR Emerging Team in Regenerative Medicine grant (RMF-92090) to Drs. J. Ellis (PI), D. Mager, M. Lorincz, J. Dilworth and P. Dirks (\$112,995 per year to J. Ellis). Vectors, epigenetics and stem cell reprogramming.

2008-10 Ministry of Research and Innovation (MRI) seed grant to Drs. W. Stanford, J. Ellis and J. Rossant (\$1,000,000). Ontario Human Induced Pluripotent Stem Cell Facility.

2008-09 Stem Cell Network Catalyst Grant to Drs. J. Ellis (PI), P. Zandstra and J. Audet. (\$100,000). Reprogramming iPS cells to model human autism disorders.

2007-09 IRSF grant to Drs. J. Ellis (PI) and P. Dirks (US \$50,000 per annum). Neural specific MeCP2 gene therapy for Rett Syndrome.

2006-09 CIHR grant (MOP-81129) to Drs. J. Ellis (PI) and E. Jervis (\$131,063 approved per annum). Epigenetics of retrovirus silencing and variegation.

2005-08 CIHR grant (MOP-57715) to Dr. J. Ellis (\$107,178 per annum). Locus Control Region activity: interplay with intronic elements and the nuclear architecture.

2003-08 NIH Program grant (1 U54-HL070588-01) to Dr. G. Buchanan (PI located at UT Southwestern). Southwestern Comprehensive Sickle Cell Center. US \$50,000 consortium costs per annum for Dr. J. Ellis in Basic Science Project 2 directed by Dr. V. Garcia (located at UT Southwestern). Preclinical evaluation of gene therapy for Sickle Cell Disease.

2005-07 RSRF grant to Dr. J. Ellis (PI) and P. Dirks (US \$50,000 per annum) as part of a collaborative grant with Drs. D. Levin (UVic) and J. Samulski (Chapel Hill). MeCP2 isoform-specific gene therapy of Rett Syndrome Neural Stem Cells.

2005-06 Stem Cell Network of Excellence grant to Drs. D. Lillicrap (PI), J. Gallipeau, B. Knoppers, J. Ellis, B. Massie, J. Audet and M. Griffith. (\$34,200 for J. Ellis). Stem cell based gene therapy for hemophilia A.

2004-06 Anemia Institute for Research and Education grant to Dr. J. Ellis (\$30,000 per annum). Stem cell gene therapy of sickle cell anemia.

2003-06 CIHR grant (MOP-37991) to Dr. J. Ellis (\$100,592 per annum). Gene silencing of retrovirus sequences by a conserved pathway.

2003-05 Stem Cell Network of Excellence intramural project to Drs. B. Massie (PI), J. Ellis, F. Rossi and J. Dick. \$29,000 per annum for Dr. J. Ellis. Lentivector engineering for functional studies in stem cells. Extended (\$7,250) to Aug 2005.

2003-05 Stem Cell Network of Excellence intramural project to Dr. P. Zandstra (PI) and 10 co-applicants. \$29,000 per annum for Dr. J. Ellis. Development of technologies for the propagation and differentiation of human ES cells.

2002-05 CIHR grant (#MOP-57715) to Dr. J. Ellis (\$89,807 per annum). Locus Control Region activity: dependence on  $\beta$ -globin gene proximal elements.

2002-03 NIH RO1 grant (#HL70702-01) to Dr. V. Garcia (PI located at UT Southwestern). US \$50,000 consortium costs per annum for Dr. J. Ellis. Preclinical evaluation of gene therapy for Sickle Cell Disease.

2002-03 Stem Cell Network of Excellence intramural project to Drs. B. Massie (PI), J. Ellis, C. Power, and I. Lorimer (\$20,000 per annum for J. Ellis). Lentivectors for functional studies: a cross-theme project.

2001-03 Juvenile Diabetes Foundation International resource development grant (#1-2001-432) to Drs. H.M. Dosch (PI), J. Ellis, and A. Nagy (US \$126,000 per annum). Development of a NOD mouse embryonic stem cell line.

2001-03 National Centres of Excellence (NCE) funding for The Stem Cell Genomics and Therapeutics Network (StemNET) (\$21,124,000 total). Ron Worton (PI). Funding for Dr. J. Ellis as co-applicant (\$40,000).

2000-2003 CIHR grant (#MOP 37991) to Dr. J. Ellis (\$80,432 per annum). Gene silencing of retrovirus sequences by a conserved pathway.

1999-2002 CIHR grant (#MT 15627) to Drs. J. Ellis (PI) and J. Squire (\$95,040 per annum). The  $\beta$ -globin promoter and replication origin: influence of transcription on replication. Extended for 6 months (\$11,880) until funded above.

1998-2001 Juvenile Diabetes Foundation International resource development grant (#41998172) to Drs. H.M. Dosch (PI), J. Ellis, and A. Nagy (US \$150,000 per annum). Development of a NOD mouse embryonic stem cell line.

- 1997-99 Bayer/Canadian Red Cross Society Research and Development Fund grant (#9704) to Dr. J. Ellis (\$75,000 per annum). Blood gene therapy vectors that escape transcriptional silencing.
- 1996-2013 Invitrogen (previously Gibco BRL) Molecular Biology Supply Center Contract (~\$25,000 per annum).
- 1996-99 TRANSGENE S.A. contract to Dr. R. Worton and Dr. J. Ellis (\$206,700 approved per annum - **cancelled** due to Worton Lab move). Dystrophin Gene Expression.
- 1995-99 MRC grant (#MT 13109) to Dr. J. Ellis (\$71,044 per annum). Chromatin opening activity and in vivo DNA loop structures in the human  $\beta$ -globin locus. Extended for 6 months (\$8,881) until funded above.

### **Funding History - Fellowships / Studentships / Awards to Lab Members**

- 2022-23 David Stephen CANT Scholarship in Stem Cell Research to Fraser McCready (\$18,543).
- 2021 SickKids PI Prep School Seed Grant Award to Dr. Deivid Rodrigues (\$10,000 for independent research supplies and services).
- 2021 Graduate Management Consulting Association, Beginner Case National competition winner (\$1000) to Gireesh Seesankar and team (D. Al-Basha, R. Francis, M Morabito).
- 2020-21 David Stephen CANT Scholarship in Stem Cell Research to Marat Mufteev (\$13,740).
- 2020 SickKids Exceptional Trainee Award to Marat Mufteev (\$500).
- 2020-21 UofT Open Fellowship Award to Sara Gordillio-Sampedro (\$12,000).
- 2020-21 SickKids Restrcomp Award to Gireesh Seesankar (\$26,000).
- 2020-21 Autism Speaks Predoctoral Award (#11879) to Fraser McCready (\$35,000 USD per annum).
- 2019 OGS Award to Fraser McCready (\$15,000 per annum).
- 2019 SickKids SSure Program Symposium Poster Award to Nicole Matusiak.
- 2019 University of Toronto Three Minute Thesis (3MT) Runner-up Award to Leah de Jong.
- 2017-19 SickKids Restrcomp Award to Leah de Jong (\$26,000 per annum).
- 2018 Young Investigator Travel Award for Molecular Psychiatry Meeting to Rebecca Mok (\$1500 USD).
- 2018 MbD Travel Award for Cambridge International Stem Cell Symposium to Dr. Matthew Hildebrandt (\$2,500).
- 2018 SCN bursary for the RNASeq Analysis Workshop to Loryn Byres.
- 2017-18 SickKids Restrcomp Award to Dr. Sazia Sharmin (\$33,750 per annum).
- 2017 SickKids Exceptional Trainee Award to Dr. Deivid Rodrigues (\$500).
- 2017 SCN bursary for the RNASeq Analysis Workshop to Fraser McCready.
- 2016 SCN bursary for the RNASeq Analysis Workshop to Dr. Deivid Rodrigues.
- 2015 EMBO Conference on Neural Development Travel Award to Kirill Zaslavsky (\$1300).
- 2015 OIRM Award and Best Plenary Talk Oral Presentation Award (\$1000) at the Till & McCulloch meeting to Kirill Zaslavsky.
- 2015 OIRM Award and Best Under the Microscope Oral Presentation Runner-up Award at the Till & McCulloch meeting to Dr. Deivid Rodrigues.
- 2015 OIRM Award and Junior Chair at the Till & McCulloch meeting to Dr. Joel Ross.
- 2015 OIRM Award and poster presentation at the Till & McCulloch meeting to Rebecca Mok and Caitlin Loo.
- 2015 SickKids SSure Program Symposium Oral presentation to Melody Zhao.
- 2015 CAN travel award to Kirill Zaslavsky (\$500).
- 2015 SCN bursary for the SCN-OMICs Workshop to Kirill Zaslavsky (\$350).
- 2014 Till and McCulloch meeting Poster Award to Dr. Joel Ross (\$500).

2014 Stem Cell Network Trainee Travel Awards to Dr. Joel Ross, Dr. Deivid de Carvalho Rodrigues, Kirill Zaslavsky and Rebecca Mok.

2014-16 IRSF Mentored Fellowship Award to Dr. Deivid de Carvalho Rodrigues (\$50,000 per annum).

2014 SGS Conference grant to Rebecca Mok (\$630).

2013-16 CIHR Vanier Canada Graduate Studentship to Kirill Vaslavsky (\$50,000 per annum).

2013 DSCB Travel Award to Sylvie Gervier (\$500).

2013 SickKids RTC Trainee Travel Award to Aaron Cheung (\$1,000).

2013 Stem Cell Network Trainee Travel Awards to Uglesa Djuric and Dr. Joel Ross.

2013 UofT Doctoral Completion Award to Aaron Cheung (\$946).

2012-13 National Research Foundation of Korea Fellowship award to Dr. Dae-Sung Kim (\$28,000).

2012 CIHR Lap-Chee Tsui Publication Award Finalist to Dr. Amy Wong (\$500).

2012 DSCB Exceptional Graduate Student Award to Aaron Cheung (\$500).

2012 SickKids Summer Student Poster Award to Jason Hendry (\$100).

2012-14 SickKids Restrcomp Award to Dr. Deivid de Carvalho Rodrigues (\$33,750 per annum).

2012 ICRH Young Investigator Forum Travel Award to Dr. Amy Wong.

2012 UofT Doctoral Completion Award to Ugljesa Djuric (\$5,104).

2012-13 OMHF Research Studentship to Aaron Cheung (\$16,000).

2012 DSCB Travel Awards to Ugljesa Djuric, Aaron Cheung, Mandy Lo (\$500).

2011 SickKids Exceptional Trainee Award to Dr. Amy Wong (\$500).

2011 Best poster prize to Dr. Sylvie Gervier (iPad2 = \$500). OCRiT meeting.

2011 David Stephen CANT Scholarship to Aaron Cheung (\$3646).

2011 Margaret & Howard GAMBLE Research Grant to Aaron Cheung (\$15,000).

2011 Hilda and William Courtney CLAYTON Paediatric Research Fund Award to Aaron Cheung (\$4000).

2011 Al and Hannah PERLY Graduate Student Scholarship to Aaron Cheung (\$2400).

2011 SickKids Restrcomp Award to Aaron Cheung (\$20,000 per annum). Declined.

2011 SCN Travel Bursary for Hydra Summer School in Stem Cells and Regenerative Medicine to Ugljesa Djuric (\$2500).

2011-14 OSCI Post Doctoral Fellowship to Dr. Joel Ross (\$50,000 per annum).

2011 SCN-ISSCR Travel Awards to U. Djuric, M. Lo, N. Farra, A. Cheung, S. Gervier, A. Wong, J. Ross and S. Khattak (\$425 each).

2011 SCN-CiRA Travel Bursary to Ugljesa Djuric (\$1,200). Declined due to Tsunami.

2010 SickKids RTC Trainee Travel Award to Ugljesa Djuric (\$1,000).

2010 Best Poster Prize to Ugljesa Djuric (\$500). Stem Cell Network AGM.

2010 SCN Travel Bursary for Hydra Summer School in Stem Cells and Regenerative Medicine to Aaron Cheung (\$2500).

2010 SCN Bursary for Human iPS Cell Training Course to Dr. Joel Ross (\$800).

2010 ASGCT Travel Award to Dr. Sylvie Gervier (\$500).

2010 Ontario Post Doctoral Fellowship to Dr. Joel Ross, MRI (\$25,000 per annum)

2009 SickKids Exceptional Trainee Award to Dr. Akitsu Hotta (\$500).

2009 1st International Exchange Program for Developmental/Stem Cell Biology & Regenerative Medicine, U of H.K. and U of T (\$1200 travel award) to Aaron Cheung.

2009-11 Ontario Post Doctoral Fellowship to Dr. Amy Wong, MRI (\$25,000 per annum)

2009 ICSCN Travel Award to Dr. Akitsu Hotta. Barcelona, Spain.

2009-12 CIHR Frederick Banting and Charles Best Canada Graduate Scholarships - Doctoral Award to Natalie Farra (\$30,000 plus \$5000 research allowance).

2009-12 CIHR Frederick Banting and Charles Best Canada Graduate Scholarships - Doctoral Award to Mandy Lo (\$30,000 plus \$5000 research allowance).

2009-12 NSERC PhD Studentship award to Aaron Cheung (\$21,300 per annum).  
2008 Best Poster Prize to Dr. Akitsu Hotta (\$500). Stem Cell Network AGM.  
2008-10 SickKids Senior Fellowship Restracom Award to Dr. Akitsu Hotta (\$33,750 per annum).  
2008-9 Masters Autism Scholars Award to Natalie Farra (\$17,000 per annum).  
2008 Hayden Hantho OSOTF Award to Natalie Farra (\$4,808 per annum).  
2008-12 Ontario Graduate Scholarship Award to Ugljesa Djuric (\$15,000 per annum).  
2008-11 SickKids Restracom Award to Ugljesa Djuric (\$20,000 per annum).  
2008 SickKids RTC Trainee Travel Award to Dr. Akitsu Hotta (\$1,000).  
2007 Best Poster Prize to Maisam Makarem (\$100). SickKids Summer Student Symp.  
2007-9 SickKids Restracom Award to Mandy Lo (\$20,000 per annum).  
2007-08 NSERC Masters Studentship award to Aaron Cheung (\$17,300 per annum).  
2007-12 Dr. Sylvie Gervier. Salary paid by INRA (France).  
2007-08 Ontario Graduate Scholarship Award to Arash Khairandish (\$15,000 per annum). Declined.  
2006-07 CIHR Canada Graduate Scholarship - Masters Award to Arash Khairandish (\$17,500 per annum).  
2006-07 SickKids Restracom Award to Arash Khairandish (\$19,000 per annum) used for stipend top-up.  
2005 RMDC Studentship to Anja Krauss (\$18,000).  
2004 Best Poster Prize to Jason Ho (\$500). Stem Cell Network AGM.  
2004 University of Toronto Open Fellowship to Angela Moffett (\$6,000).  
2003-04 Stem Cell Network Training Award to Dr. Sumin Han (\$20,000 per annum).  
2002-04 NSERC studentship to Jason Ho (\$17,300 per annum).  
2003 Best Poster Prize – Runner-Up to Shuyuan Yao (\$250). Stem Cell Network AGM.  
2002-03 Stem Cell Network Training Award to Dr. Sharon Soodeen-Karamath (\$19,000 per annum).  
2002 Stem Cell Network Training Award to Shuyuan Yao (\$1,000 per annum).  
2001-03 SickKids Restracom Award to Shuyuan Yao (\$19,000 per annum).  
2001 University of Toronto Open Fellowship to Shuyuan Yao (\$6,000 per annum). Declined.  
2000-02 CIHR Doctoral Research Award to Dylan Pannell (\$19,030 per annum).  
2000-02 SickKids Restracom Fellowship to Dr. Sharon Soodeen-Karamath (\$26,000 per annum).  
2000 CIHR Fellowship to Dr. Joydeep Basu (\$33,000). Declined.  
2000-02 SickKids Restracom Award to Rikki Bharadwaj (\$19,000 per annum).  
2000 Ontario Graduate Scholarship to Dylan Pannell (\$11,859). Declined.  
1999 SickKids Restracom Award to Dylan Pannell (\$5,141 per annum).  
1999 Ontario Graduate Scholarship to Dylan Pannell (\$11,859 per annum).  
1999 University of Toronto Open Masters Fellowship to Dylan Pannell (\$12,473 per annum). Declined.  
1999 SickKids Restracom Fellowship to Dr. Joydeep Basu (\$26,000 per annum).  
1998 SickKids "Citizen of the Year Award" to Peter Pasceri.  
1997-99 Ontario Thalassemia Foundation Fellowship to Dr. Cameron Osborne (\$30,000 per annum).  
1997-99 FCAR Studentship to Joel Rubin (\$11,000 per annum).

#### **Funding History – Infrastructure Applications for SickKids Hospital**

2010-14 CFI/ORF Award "Ontario Initiative in Personalized Stem Cell Medicine". Dr. J. Rossant (PI) and many co-applicants (\$1,804,468 to Ontario Human IPS Cell Facility based at SickKids, plus IOF of \$215,634).  
2007-12 CIHR Research Resource Grant "Shared Flow Cytometry Facility". Dr. C. Guidos (PI) and 9 co-applicants. (\$54,612 per annum).



- 2001-06 CIHR Maintenance Grant "Shared Flow Cytometry Facility". Dr. C. Guidos (PI) and 9 co-applicants. (\$51,000 per annum).
- 2001 CIHR Multi-user Equipment Grant "Ultracentrifuge and rotors". Dr. C. Pearson (PI) and 10 co-applicants. (\$100,000).
- 1999 Invited CFI "University of Toronto Initiative in Mammalian Models of Human Disease" infrastructure application. J. Rossant (Project Leader). SickKids component by Drs R. McInnes, J. Ellis and F. Keeley (\$5,040,000).

### **Invited Talks**

- 2023 Applied Organoid Core Workshop on Neural Organoids. Mt Sinai, Toronto.  
IRSF Scientific Meeting. Nashville TN.  
In-Vitro 2D & 3D Neuronal Networks Summit. Zurich, Switzerland.
- 2022 Stoke Therapeutics. Teams.  
Introduction to Research Integrity for Basic Researchers. Hybrid. SickKids.  
Neurodevelopmental Disorders Cognitive Genetics Conference. Antwerp, Belgium.
- 2021 POND Science Day. Zoom.  
Introduction to Research Integrity for Basic Researchers. Zoom. SickKids.
- 2020 Ted Rogers Center Heart Failure Symposium. Zoom.  
SFARI Science Meeting on Molecular Mechanisms. Zoom.  
Introduction to Research Integrity for Basic Researchers. Zoom. SickKids.  
2<sup>nd</sup> Epigenetics Fusion Conference. Nassau, Bahamas.  
1st Clubes de Ciência Brasil Thematic Symposium on "Approaches to study neurodevelopmental and psychiatric disorders". Zoom, recorded on YouTube <https://youtu.be/gkqgXzD08gE>
- 2019 POND Science Day. Toronto.  
OHRI. Ottawa ON.  
Rett 20<sup>th</sup> – Symposium and Workshop. Houston TX.  
Introduction to Research Integrity for Basic Researchers. SickKids.  
CAN Symposium on Neural Stem Cells in Development and Disease Modeling. Toronto.  
Troina Meeting on Genetics of Neurodevelopmental Disorders. Sicily, Italy.  
Bioethics Grand Rounds. SickKids.  
DSCB Retreat. Briars Resort, ON.  
MolGen Retreat. Orillia ON.  
University of Guelph, College of Biological Science Graduate Student Symposium. Keynote Address. Guelph, ON.
- 2018 4<sup>th</sup> Annual Neuroscience RDTC. Munich, Germany.  
ORSA Symposium, Toronto.  
Introduction to Research Integrity for Basic Researchers. SickKids.  
Takeda-CIRA, Shonan Research Center, Japan.  
CIHR-JST Stem Cell Team Final Meeting. Canadian Embassy, Tokyo, Japan.  
Donders Institute for Brain, Cognition, and Behaviour. Nijmegen NL.
- 2017 XLID International Fragile X and Related Neurodevelopmental Disorders Workshop. Saint Alexis-des-Monts, PQ.  
Introduction to Research Integrity for Basic Researchers. SickKids.  
POND Science Day. SickKids.
- 2016 Stem Cell and Brain Research Institute. Lyon, France.  
Sanford Consortium for Regenerative Medicine. San Diego, CA.  
BC Children's Hospital Research Institute. Vancouver, BC.  
Meet the Investigator Lunch presenter. Till & McCulloch Mtg. Whistler, BC.  
Introduction to Research Integrity for Basic Researchers. SickKids.  
Molecular Psychiatry Meeting. Maui HI.

European Institute of Oncology. Milan, Italy.  
 MoGen Grad Recruitment day. Toronto.  
 5th Annual Canadian Human and Statistical Genetics Meeting. Halifax, NS.  
 Robarts Research Institute. London ON.  
 Stem Cell Scientists talking to Stem Cell Scientists Symposium. SickKids.  
 2015 Introduction to Research Integrity for Basic Researchers. SickKids.  
 Functional Genomics of the Human Brain Symposium. Uppsala, Sweden.  
 Canada-Japan Joint Research Program, Mid-term meeting. Toronto.  
 UFRJ. Rio de Janeiro, Brazil.  
 2014 Florida State University. Tallahassee FL.  
 Introduction to Research Integrity for Basic Researchers. SickKids.  
 CCRM iPS Cell Workshop. Toronto.  
 Genetics Grand Rounds. SickKids.  
 Stem Cell Talks 2014. Toronto.  
 Korean Society for Gene and Cell Therapy. Osong, South Korea.  
 Canadian Rett Syndrome Symposium. Hamilton ON.  
 CAMH Neuroscience Research Day. Toronto ON.  
 CIHR-JST Stem Cell Team Kickoff Meeting. Canadian Embassy, Tokyo, Japan.  
 Canadian mini-symposium. CiRA, Kyoto, Japan.  
 2013 Molecular Psychiatry meeting. San Francisco CA.  
 CREMS seminar. Toronto ON.  
 SickKids CF Research Rounds. Toronto ON.  
 OSCI seminar. Toronto ON.  
 ASGCT Annual Meeting Presidential Symposium. Salt Lake City UT (presented  
 by S. Gervier).  
 2012 University of Connecticut Health Center. Farmington CT.  
 Advances in the Biomedical Research of ASD. Barcelona Spain.  
 POND Science Day. Toronto ON.  
 DSCB Retreat. Toronto ON.  
 OCRiT Annual Symposium. Toronto ON.  
 McMaster Stem Cell and Cancer Research Institute. Hamilton ON.  
 Personalized Medicine in the Genomics Era. Toronto ON.  
 Allen Brain Institute. Seattle WA.  
 Molecular Genetics Retreat. Orillia ON.  
 MGYSU Seminar. Toronto.  
 2011 ISDN meeting. Mumbai, India.  
 Neural Stem Cells in Normal and Abnormal Brain Development. Toronto ON.  
 SickKids Transplant and Regenerative Medicine Centre Education Rounds.  
 Personalized Medicine in the Genomics Era. Toronto ON.  
 Canadian Health Research Students Forum. Winnipeg, Man.  
 ASGCT Annual Meeting. Seattle WA.  
 Canadian Human Genetics Conference. Banff, AB.  
 IRSF Rett Syndrome Symposium. Virginia.  
 Epigenetics Conference. London ON.  
 2010 Keynote lecture, Developmental Biology Research Day. London ON.  
 Sprott Stem Cell Centre, OHRI, Ottawa.  
 Stem Cell Network ASM and Meet the Investigator Breakfast, Calgary, AB.  
 ASHG Annual Meeting, Washington, DC.  
 CIRM iPS Cell Banking Workshop, San Francisco, CA.  
 Italian Society of Human Genetics National Congress. Florence, Italy.  
 NIMH Grantees Meeting on Using Stem Cells to Model Psychiatric Disorders.  
 Bethesda, MD.  
 Brazilian Society of Cell Biology. Sao Paulo, Brazil.  
 3<sup>rd</sup> Congress Asia-Pacific Pediatric Cardiac Society. Tokyo, Japan.

CiRA. Kyoto, Japan.  
 Panel Discussion on “Cellular Reprogramming: What the future holds”. ISSCR, San Francisco, CA.  
 Meet the Investigator Lunch presentation, ASGCT 13<sup>th</sup> Annual meeting. Washington DC.  
 Panel Discussion on “Ethical Issues with ESC and IPSC” ASGCT 13<sup>th</sup> Annual Meeting. Washington DC.  
 5<sup>th</sup> Canadian Developmental Biology Conference. Mt Tremblant QB.  
 Cell Culture Engineering. Banff, AB.  
 iPS Cells and the NIH Intramural Research Program Workshop. Bethesda, MD.  
 University Wide Surgical Rounds. Sunnybrook Hospital.  
 2009 SickKids Research Institute Retreat.  
 MaRS Future of Medicine Conference 2009. MaRS.  
 Epigenetics and Stem Cells meeting. Shanghai, China.  
 AHA Scientific Sessions 2009. Orlando FL.  
 Neural Stem Cells in Disease and Repair Symposium. SickKids.  
 Rett Syndrome Symposium. Itasca, IL.  
 ASGT 12<sup>th</sup> Annual Meeting. San Diego, CA.  
 Ste Justine Hospital Scientific Retreat. Montreal PQ.  
 2008 Toronto IPS Meeting. UHN/MaRS  
 TSCI Stem Cell Rounds. UHN/MaRS  
 Toronto IPS Meeting. UHN/MaRS  
 New Bolton Centre. Kennett Square PA.  
 BioJapan 2008. Ontario-Japan Stem Cell Initiatives. Yokohama, Japan.  
 Pathobiology. Ontario Veterinary College. Guelph ON.  
 Rett Syndrome Symposium. Itasca IL.  
 ASGT 11<sup>th</sup> Annual Meeting. Boston MA.  
 4<sup>th</sup> Canadian Gene Therapy and Vaccines Symposium, Montreal PQ.  
 SickKids CF Research Seminar Series.  
 ObGyn. McGill University. Montreal.  
 2007 ASGT 10<sup>th</sup> Annual Meeting. Seattle WA.  
 Sprott Stem Cell Centre, OHRI, Ottawa.  
 EMBO Conference on Chromatin and Epigenetics. Heidelberg, Germany.  
 Hannover Medical School, Hannover, Germany.  
 Erasmus Medical Center. Rotterdam, Netherlands.  
 SickKids IIIR Seminar Series.  
 University of Texas Southwestern Medical Center. Dallas TX.  
 2006 Beta Sigma Phi Executive Council Annual Meeting, Toronto.  
 The Nucleus Workshop, UHN/MaRS.  
 Toronto Nucleus Meeting, SickKids.  
 TIGET- San Raffaele Hospital. Milan, Italy.  
 University of Victoria, BC.  
 University of British Columbia. BC.  
 MGYSU Seminar. Toronto.  
 Lawrence Berkeley Labs. Berkeley CA.  
 University of Texas Southwestern Medical Center. Dallas TX.  
 2005 Stem Cell Network AGM. Calgary.  
 Chromatin Structure, Epigenetics and Cancer meeting. Morelos, Mexico.  
 SCN Hemophilia workshop. Kingston ON.  
 ASGT 8<sup>th</sup> annual meeting. St Louis MO.  
 University of Texas Southwestern Medical Center. Dallas TX.  
 Babraham Institute, Cambridge UK.  
 Lead Scientist for Canada. Workshop on International Networking for Young Scientists in Stem Cell Research. Moller Center, Cambridge UK.

2004 Workshop on Human Embryonic Stem Cells. Robarts Research Inst. London.  
 University of Texas Southwestern Medical Center. Dallas TX.  
 UNAM. Instituto de Fisologica Celular. Mexico City.  
 National CTV interview by Avis Favaro with our collaborator E. Jervis showing videotape of variegated retrovirus in our ES cell line (aired Nov 7, 2004).

2003 Stem Cell Network AGM. Vancouver.  
 Cancelled due to SARS, Genteric Alameda CA.  
 UK Stem Cell Mission. Toronto.  
 Institute of Reproduction and Development. Monash University, Australia.  
 McLaughlin Center Stem Cell Rounds. OCI, Toronto.

2002 Thirteenth Conference on Hemoglobin Switching. Oxford UK.  
 SickKids retreat.  
 SickKids IIR Program Seminar Series.  
 NIH Globin Vector Club III. Boston, MA.  
 Hopital Maisonneuve-Rosemount, Montreal.  
 Keystone Meeting on "Epigenetics of Disease". Taos, NM.  
 University of Texas – Southwestern, Dallas TX.

2001 "Future of Disease Management Symposium". Erindale Campus, Toronto.  
 NRC Biotechnology Research Institute. Montreal.  
 Ottawa Hospital Research Institute. Ottawa.  
 University of Calgary. Calgary.

2000 NIH Globin Vector Club II. San Francisco, CA.  
 Cell Genesys. Foster City, CA.  
 Twelfth Conference on Hemoglobin Switching. Orcas Island, WA.  
 Ottawa Hospital Research Institute. Ottawa.  
 Terry Fox Laboratory. Vancouver.  
 SickKids DPLM Rounds.

1999 NIH Globin Vector Club I. New Orleans, LA.  
 Great Lakes Developmental Biology Meeting. Toronto.  
 Department of Molecular & Medical Genetics Retreat. North York.

1998 Broken Arrow Conference. Mississauga.  
 Eleventh Conference on Hemoglobin Switching. Orcas Island, WA.

1997 Sunnybrook Health Sciences Centre. Toronto.  
 Second Canadian Symposium on Gene Therapy. Vancouver.

1996 Toronto Gene Therapy Network.  
 University of Toronto Hem/Onc Grand Rounds.  
 Bio 96. Philadelphia.  
 SickKids Terry Fox Seminar.  
 Gene Therapy Meeting. Cold Spring Harbor, NY.  
 Department of Molecular & Medical Genetics Retreat. Barrie.  
 Sloan Kettering Memorial Cancer Centre. New York.

1995 Institute Cancer de Montreal. Montreal.  
 Department of Medical Genetics. University of Toronto.

1994 Ninth Conference on Hemoglobin Switching. Orcas Island, WA.  
 SickKids Hospital Retreat. Toronto.

1993 Amgen Inc. Thousand Oaks, CA.  
 Robarts Research Institute. London, Ont.  
 Terry Fox Laboratory. Vancouver, BC.

1990 Fred Hutchinson Cancer Centre. Seattle, WA.

**Outreach:**

2017 Beta Sigma Phi Conference. Mississauga.  
 2015 POND Family Day. Toronto ON.  
 Beta Sigma Phi Conference. Mississauga.

- 2014 Royal Canadian Institute Gala, Scientist Table Host. MaRS.  
Stem Cell Talks Debate on “In vitro vs in vivo disease models for drug screening to treat neurodegenerative disease”. MaRS.
- 2010 Heart Centre Biobank Education Day. SickKids.
- 2009 Autism Parent Conference oral presentation. Hamilton ON.
- 2008 Connecting for Kids Blog.

### **Grant and Agency Panels**

- 2023 CIHR Genetics Panel member (Spring).
- 2022 CIHR Genetics Panel member (Spring and Fall).
- 2021 IRSF Research Independence Grant Panel.
- 2019 NIH Panel on Brain Initiative: Development and Validation of Novel Tools to Probe Cell-Specific and Circuit-Specific Processes in the Brain.  
Telethon Scientific Committee (Milan Italy).
- 2018 CIHR Genetics Panel member (Spring and Fall).  
APEC Guiding Principles for Research Integrity (Tokyo, Japan).
- 2017 CIHR Genetics Panel member.  
Telethon Scientific Committee (Rome Italy).
- 2016 OIRM-MbD Fellowship Panel.  
Telethon Scientific Committee (Milan Italy).
- 2015 CIHR Genetics Panel member.  
NIH Molecular and Cellular Substrates of Complex Brain Disorders Special Emphasis Panel member.
- 2014 CIRM Grants Working Group.  
NIH Panel on Molecular and Cellular Substrates of Complex Brain Disorders.  
CIHR Foundation Scheme Stage 1.
- 2013 CIRM Grants Working Group.  
Autism Speaks Dennis Weatherstone Fellowship Panel.
- 2012 CIRM Grants Working Group.  
NYSTEM Panel on Stem Cell Reprogramming.  
CIHR Developmental Biology Panel Invitee member.
- 2011 CIRM Grants Working Group.  
Autism Speaks Basic and Clinical Grants Panel.  
CIHR Developmental Biology Panel Invitee member.
- 2008 OIT Focus Group for a Brain Initiative.  
Genome Canada Position Paper Workshops on Child Health Genomics.  
MRI Ontario Stem Cell Strategy Workshop.  
NCIC Panel D (Hormones, Receptors and Cell Cycle) Invitee member.
- 2007 CIHR Genetics Panel Invitee member.
- 2005 NIH Panel for "Cell Based Therapy" RFA.  
Regenerative Medicine Development Centre (UWO) Project Committee.
- 2003-06 CIHR Developmental Biology Panel member.
- 2002-04 Stem Cell Network Training Committee (Chair), including its Trainee Awards Competition held quarterly.
- 2001-05 Stem Cell Network Training Committee, including its Trainee Awards Competition held quarterly.

### **Journal Editorial Boards and Agency Advisory Boards**

- 2023-24 SAB member for International Rett Syndrome Foundation.
- 2019 OIRM Strategic Advisory Board, proxy for Mike Salter.
- 2015-21 Panel on Responsible Conduct of Research (PRCR) member.
- 2013-15 Stem Cell Network Research Management Committee (RMC).
- 2013-15 *Molecular Therapy* Editorial Board.
- 2013 International Advisor, University of Connecticut Stem Cell Core Facility.

2011-15 CCRM Founders Advisory Group - Lead Scientist (Reprogramming).  
 2011-13 Stem Cell Resources Scientific Panel Member for the NIMH.  
 2009-16 *Stem Cells* Editorial Board.  
 2009-15 *F1000* Member Contributor.  
 2009-10 *Stem Cell Reviews and Reports* Editorial Board.

**Grant, Journal, and Promotion Reviews**

2023 *Nature Communications* Journal Peer reviewer on 1 article.  
*Bioessays* Journal Peer reviewer on 1 article.  
*Translational Psychiatry* Journal Peer reviewer on 1 article.  
*Stem Cell Reports* Journal Peer reviewer on 1 article.

2022 *Molecular Therapy* Journal Peer reviewer on 1 article.  
 NSERC External Reviewer on 1 grant.

2021 *Cell Reports Methods* Journal Peer reviewer on 1 article.

2020 NFRF-E External Reviewer on 1 grant.  
*Molecular Autism* Journal Peer Reviewer on 2 articles.  
*Cell Reports* Journal Peer Reviewer on 1 article.  
*PNAS* Journal Peer Reviewer on 1 article.  
*Stem Cell Reports* Journal Peer Reviewer on 2 articles.

2019 *Molecular Autism* Journal Peer Reviewer on 1 article.  
*PNAS* Journal Peer Reviewer on 2 articles.  
*Cell Reports* Journal Peer Reviewer on 1 article.  
*Neuroscience Next* Journal Peer Reviewer on 1 article.  
*JoVE* Journal Peer Reviewer on 1 article.  
 Faculty Promotion Reviewer on 1 dossier.

2018 *Cell Reports* Journal Peer Reviewer on 1 article.  
*Scientific Reports* Journal Peer Reviewer on 1 article.  
*PLoS One* Journal Peer Reviewer on 1 article.  
*Stem Cells and Development* Journal Peer Reviewer on 1 article.

2017 *Progress in Neuropsychopharmacology & Biological Psychiatry* Journal Peer Reviewer on 1 article.  
*Cell Reports* Journal Peer Reviewer on 1 article.  
 Faculty Promotion Reviewer on 1 dossier.

2016 *Molecular Psychiatry* Journal Peer Reviewer on 1 article.

2015 *Cell Stem Cell* Journal Peer Reviewer on 1 article.  
*Cell* Journal Peer Reviewer on 1 article.  
*AJHG* Journal Peer Reviewer on 1 article.  
*Molecular Autism* Journal Peer Reviewer on 1 article.  
*J. Cellular Biochemistry* Journal Peer Reviewer on 1 article.  
*Biomaterials* Journal Peer Reviewer on 1 article.  
*BMC Neuroscience* Journal Peer Reviewer on 1 article.  
*Disease Models and Mechanisms* Journal Peer Reviewer on 1 article.  
 Faculty Promotion Reviewer on 1 dossier.

2014 *Cell Stem Cell* Journal Peer Reviewer on 1 article.  
*Nature Methods* Journal Peer Reviewer on 1 article.  
*Molecular Psychiatry* Journal Peer Reviewer on 1 article.  
 Israel Science Foundation Reviewer on 1 grant.  
 Faculty Promotion Reviewer on 1 dossier.  
 SickKids CF Centre reviewer on 2 catalyst grants.  
 SickKids Exceptional Trainee Reviewer.

2013 *Nature Biotechnology* Journal Peer Reviewer on 1 article.  
*Nature Methods* Journal Peer Reviewer on 1 article.  
*Trends in Molecular Medicine* Journal Peer Reviewer on 1 article.  
*Stem Cell Reports* Journal Peer Reviewer on 1 article.

2012  
 EMBO Journal Peer Reviewer on 1 article.  
 Gene Therapy Journal Peer Reviewer on 1 article.  
 Molecular Therapy Journal Peer Reviewer on 1 article.  
 PLOS ONE Journal Peer Reviewer on 2 articles.  
 Health Research Board of Ireland Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 1 dossier.  
 UofT National Scholarship Program reviewer of 1 applicant.  
 Cell Stem Cell Journal Peer Reviewer on 5 articles.  
 Cell Reports Journal Peer Reviewer on 1 article.  
 Stem Cells Journal Peer Reviewer on 1 article.  
 EMBO Reports Journal Peer Reviewer on 1 article.  
 Trends in Molecular Medicine Journal Peer Reviewer on 1 article.  
 Journal of Molecular Cell Biology Journal Peer Reviewer on 1 article.  
 NIH PMDA Study Section Reviewer on 1 grant by teleconference.  
 BBSRC (UK) External Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 3 dossiers.

2011  
 Cell Stem Cell Journal Peer Reviewer on 4 articles.  
 Nature Cell Biology Peer Reviewer on 1 article.  
 Nature Methods Journal Peer Reviewer on 1 article.  
 Stem Cells Journal Peer Reviewer on 4 articles.  
 PLOS Genetics Journal Peer Reviewer on 1 article.  
 Nucleic Acids Research Journal Peer Reviewer on 1 article.  
 Molecular Therapy Journal Peer Reviewer on 2 articles.  
 PLOS ONE Journal Peer Reviewer on 1 article.  
 Disease Models and Mechanisms Journal Peer Reviewer on 1 article.  
 CIHR NSB Panel Reviewer on 1 grant by teleconference.  
 Telethon External Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 2 dossiers.

2010  
 Nature Journal Peer Reviewer on 1 article.  
 Nature Biotechnology Journal Peer Reviewer on 1 article.  
 Nature Methods Journal Peer Reviewer on 1 article.  
 Nature Reviews Genetics Journal Peer Reviewer on 1 article.  
 Cell Stem Cell Journal Peer Reviewer on 5 articles.  
 The Lancet Neurology Journal Peer Reviewer on 1 article.  
 Blood Journal Peer Reviewer on 1 article.  
 Proceedings of the National Academy of Science Journal Peer Reviewer on 1 article.  
 Stem Cells Journal Peer Reviewer on 2 articles.  
 Molecular Therapy Journal Peer Reviewer on 1 article.  
 Clinical Pharmacology and Therapeutics Journal Peer Reviewer on 1 article.  
 Brain Research Journal Peer Reviewer on 1 article.  
 PLOS ONE Journal Peer Reviewer on 1 article.  
 Expert Reviews in Molecular Medicine Journal Peer Reviewer on 1 article.  
 Chromosoma Journal Peer Reviewer on 1 article.  
 CIRM External Reviewer on 6 grants in 2 RFAs.  
 NSERC External Reviewer on 1 grant.  
 Israel Science Foundation External Reviewer on 1 grant.

2009  
 Cell Stem Cell Journal Peer Reviewer on 1 article.  
 Nature Methods Journal Peer Reviewer on 1 article.  
 Nature Protocols Journal Peer Reviewer on 1 article.  
 Medical Research Council (UK) on 1 grant.  
 CGD Research Trust (UK) on 1 grant.  
 Science Journal Peer Reviewer on 1 article.

2008 *Proceedings of the National Academy of Science* Journal Peer Reviewer on 2 articles.  
*Stem Cells* Journal Peer Reviewer on 1 article.  
*Molecular Therapy* Journal Peer Reviewer on 1 article.  
*Cell Death and Differentiation* Journal Peer Reviewer on 1 article.  
*Stem Cell Reviews and Reports* Journal Peer Reviewer on 1 article.  
*Nature Medicine* Journal Peer Reviewer on 1 article.  
*Proceedings of the National Academy of Science* Journal Peer Reviewer on 1 article.  
*Stem Cells* Journal Peer Reviewer on 3 articles.  
*Experimental Cell Research* Journal Peer Reviewer on 1 article.  
 Telethon External Reviewer on 1 grant.

2007 Netherlands Organisation for Health Research and Development (ZonMw) TOP Grant External Reviewer on 1 grant.  
 Wellcome Trust Research Training Fellowship External Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 2 dossiers.  
*Proceedings of the National Academy of Science* Journal Peer Reviewer on 2 articles.  
*Blood* Journal Peer Reviewer on 1 article.  
*Molecular Therapy* Journal Peer Reviewer on 2 articles.  
*Chromosoma* Journal Peer Reviewer on 1 article.  
*BBA- Gene Structure and Expression*. Journal Peer Reviewer on 1 article.  
*Genome Biology*. Journal Peer Reviewer on 1 article.  
*PLOS ONE* Journal Peer Reviewer on 1 article.  
*Cytogenetic and Genome Research* Journal Peer Reviewer on 1 article.  
 CCFF External Reviewer on 1 grant.  
 Telethon External Reviewer on 1 grant.

2006 *Molecular Therapy* Journal Peer Reviewer on 5 articles.  
*Gene Therapy* Journal Peer Reviewer on 2 articles.  
*Experimental Hematology* Journal Peer Reviewer on 1 article.  
*Genome Biology* (BMC) Journal Peer Reviewer on 1 article.  
 Michael Smith Foundation for Health Research Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 2 dossiers.  
*Swiss Medical Weekly* Journal Peer Reviewer on 1 article.  
*Biochemical Journal* Peer Reviewer on 1 article.  
*Comparative Biochemistry and Physiology* Peer Reviewer on 1 article.

2005 *Oncogene* Journal Peer Reviewer on 1 article.  
*FEBS Letters* Journal Peer Reviewer on 1 article.  
*Experimental Hematology* Journal Peer Reviewer on 1 article.  
*Stem Cells* Journal Peer Reviewer on 1 article.  
*Nucleic Acids Research* Journal Peer Reviewer on 3 articles.  
*Molecular Therapy* Journal Peer Reviewer on 1 article.  
*Molecular and Cellular Biochemistry* Journal Peer Reviewer on 1 article.  
 Faculty Promotion External Reviewer on 1 dossier.  
 CFI External Reviewer on 1 grant.

2004 *Stem Cells* Journal Peer Reviewer on 1 article.  
*Nucleic Acids Research* Journal Peer Reviewer on 1 article.  
*Proceedings of the National Academy of Science* Journal Peer Reviewer on 1 article.  
*Molecular Therapy* Journal Peer Reviewer on 4 articles.  
 NSERC External Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 1 dossier.

2003 *Nucleic Acids Research* Journal Peer Reviewer on 1 article.  
*Molecular Therapy* Journal Peer Reviewer on 2 articles.



*Pediatric Research Journal* Peer Reviewer on 1 article.  
*Journal of Virology* Journal Peer Reviewer on 1 article.  
*Proceedings of the National Academy of Science* Journal Peer Reviewer on 1 article.  
 Anemia Institute External Reviewer on 1 grant.  
 CIHR External Reviewer on 1 grant.  
 Faculty Promotion External Reviewer on 4 dossiers.  
 Chromatin Chapter of *Molecular Biology* 3rd Ed by Weaver, McGraw-Hill.  
 2002 *Blood* Journal Peer Reviewer on 2 articles.  
*FEBS Letters* Journal Peer Reviewer on 1 article.  
*Gene Therapy* Journal Peer Reviewer on 1 article.  
 Faculty Promotion External Reviewer on 4 dossiers.  
 2001 Welcome Trust International Research Fellowship Reviewer on 1 application.  
 Italian Ministry of Universities and Research External Reviewer on 1 grant.  
 Bayer Blood Partnership Fund External Reviewer on 1 grant.  
 NSERC External Reviewer on 1 grant.  
 CIHR External Reviewer on 1 grant.  
 2000 CIHR Internal Reviewer by teleconference on 1 grant.  
 NSERC External Reviewer on 1 grant.  
 MRC External Reviewer on 7 grants.  
*Proceedings of the National Academy of Science* Journal Peer Reviewer on 1 article.  
*Blood* Journal Peer Reviewer on 1 article.  
 1999 *Proceedings of the National Academy of Science* Journal Peer Reviewer on 2 articles.  
*Molecular and Cellular Biology* Journal Peer Reviewer on 1 article.  
 SickKids Foundation External Reviewer on 2 grants.  
 MRC External Reviewer on 7 grants.  
 Bayer Blood Partnership Fund External Reviewer on 1 grant.  
 1998 *Genomics* Journal Peer Reviewer on 1 article.  
*Genome* Journal Peer Reviewer on 1 article.  
 MRC / PMAC External Reviewer on 1 grant.  
 Hong Kong RGC External Reviewer on 1 grant.  
 MRC External Reviewer on 3 grants.  
 SickKids Foundation External Reviewer on 1 grant.  
 1997 Hong Kong RGC External Reviewer on 2 grants.  
*Development* Journal Peer Reviewer on 2 articles.  
 MRC External Reviewer on 2 grants.  
 1996 SickKids Foundation External Grants Panel Member.  
 Hong Kong RGC External Reviewer on 3 grants.  
 Bayer/Red Cross R & D Fund External Reviewer on 1 grant.  
 1995 MRC External Reviewer on 3 grants.  
 SickKids Foundation External Reviewer on 1 grant.

### **Conference Organization**

2023 SickKids Virtual Symposium on Research Integrity, Organizer.  
 2021 SickKids Virtual Symposium on Research Integrity, Organizer.  
 2020 TMM 2020 Program Committee.  
 2018 SickKids Symposium on Research Integrity, Organizer.  
 2015 SickKids Symposium on Research Integrity, Organizer.  
 2013 TAKAO International Symposium, Session Chair and Abstract Moderator.  
 2012-15 Stem Cell Committee. ASGCT.  
 2011 Canadian Human Genetics Conference. Session Organizer and Chair.

2011 Personalized Medicine in the Genomics Era: An International Symposium on Childhood Heart Disease. Program Co-Chair.  
 2010 CIRM iPS Cell Banking Workshop, Session Chair.  
 2009-12 Embryonic/Somatic Stem Cell and Tissue Engineering Committee, ASGCT.  
 2009 Kyoto/Gladstone/Toronto Joint IPS Cell Meeting Co-organizer.  
 2009-11 CIHR Emerging Team Meeting Organizer.  
 2009 AHA Scientific Session Moderator.  
 2007 ASGT 10th Annual Meeting Abstract Review Committee and Session Chair.

**Society Membership**

2023 International Society for Stem Cell Research.  
 2006-16 International Society for Stem Cell Research.  
 1997-2016 American Society of Gene and Cell Therapy.  
 2013-15 Canadian Association for Neuroscience.  
 2001-07 American Society of Hematology.  
 2000-03 American Society of Microbiology.  
 1999-2001 European Society of Gene Therapy.

**Core Facility Director**

2008-10 Scientific Co-Director of the Ontario Induced Pluripotent Stem Cell Facility.  
 2002-05 Director of the SickKids ES Facility until Feb 2005.  
 1997-2005 Director of the SickKids Transgenic Facility until Feb 2005.

**Seminar Series Organizer**

1998-99 U of T Molecular & Medical Genetics Seminar Series (with Dr. M. Perry).  
 1997-98 SickKids Genetics Seminar Series.

**Committees**

2022-23 SickKids Biologics Search Committee.  
 2022-23 SickKids Andrew Sass-Kortsak Award Panel.  
 2022 SickKids Technical Innovation Scientist Review Panel.  
 2018-23 SickKids Research Integrity Committee (Chair).  
 2018-22 SickKids Research Institute Staff Review Committee.  
 2018-21 U of T Department of Molecular Genetics Awards Committee.  
 2015-16 SickKids Electronic Lab Notebook Steering Committee.  
 2015-16 SickKids RTC STRIDE Program Management Committee.  
 2014-16 SickKids Research Integrity Committee (Chair).  
 2014 SickKids Transplant Centre Review Committee.  
 2010-13 SickKids Heart Centre Biobank Registry Steering Committee.  
 2010 SickKids DSCB Head Search Committee.  
 2009-13 SickKids Research Institute Biosafety Committee (Chair).  
 2008-15 SickKids Research Institute Staff Review Committee.  
 2007-10 SickKids GGB Epigenetics Search Committee.  
 2005 U of T Medical Genetics & Microbiology Undergraduate Committee.  
 2004 Toronto Centre for Phenogenomics Specialty Resources Sub-Committee.  
 SickKids 3 yr Review Committee of Dr. Y. Dror.  
 SickKids 3 yr Review Committee of Dr. C. Taylor.  
 2003-08 SickKids Biosafety Advisory Group.  
 2003 SickKids 3 yr Review Committee of Dr. M. Abdelhaleem (Chair)  
 2002-04 SickKids User Committee Transgenic Mouse and ES Cell Facilities (Chair).  
 2002 SickKids Vet Search Committee.  
 SickKids 6 yr Review Committee of Dr. J. Hu.  
 2001-02 SickKids Search Committee for ES Cell Technician (Chair).

2001	SickKids User Group on Animal Facility in new Research Building. SickKids Task Group on UHN Move. Stem Cell Network Committee on Draft ART Legislation. SickKids Lab Animal Services Users Committee.
2000	SickKids Infrastructure Committee.
1999	SickKids Vectorologist Search Committee.
1998	SickKids Research Institute Staff Performance Review Committee. SickKids ES Cell Facility Planning Committee (Chair).
1997-98	SickKids Genetics Search Committee. SickKids Clinical Genetics Search Committee.
1996-97	SickKids Animal Facility Management Committee.
1996	SickKids Pin Worm Task Force.
1995-96	SickKids Mouse User's Committee.
1995	Internal Scientific Advisory Committee - SickKids Lung Gene Therapy.
1994-96	SickKids Transgenic User's Committee.

### **SickKids Scientific Advisor**

2022-23	Dr. Kaspar Wang (General Surgery).
2005-08	Dr. Chet Taylor (Scientist in IIIR).
2002-06	Dr. Eyal Grunebaum (Clinician Scientist in IIIR).

### **Teaching**

Lectures on Gene Expression, Gene Therapy and Regenerative Medicine:

2023-24	On Sabbatical leave.
2023	MGY480 Special Research Project Exam Committee (2 hrs).
2021	MMG Graduate Stem Cells II Topics Course (12 hrs).
2020	MMG Graduate Stem Cells II Topics Course (12 hrs). MMG1010 Molecular Genetics Colloquium. Organizer and Host for guest speaker Dr. Gaia Novorino (1 hr).
2018	MM3MC Masters Class on "Human Induced Pluripotent Stem Cells in Neurobiology". Department of Human Genetics, Radboud University, Nijmegen NL (7 hrs). Grant Writing and Peer Review Workshop for Stem Cell Network Trainees, Ottawa ON (4 hrs). PSL1066H CIHR Research Grant Proposal Evaluation (1 hr). MMG1010 Molecular Genetics Colloquium. Organizer and Host for guest speaker Dr. Nat Heintz (1 hr).
2016-17	On Sabbatical leave.
2015	ANA498Y Oral presentation evaluations (2 hrs). MGY420F "Gene Expression" (32 hrs).
2014	MGY420F "Gene Expression" (32 hrs).
2013	MGY420F "Gene Expression" (34 hrs).
2012	MGY420F "Gene Expression" (22 hrs). Karolinska International Exchange Course on Developmental and Perinatal Biology (1 hr Guest lecture).
2011	MGY420F "Gene Expression" (22 hrs). Human iPS Cell Training Course (1 hr). Hong Kong – Toronto Stem Cell Course (1 hr). MMG1012H "Molecular Mechanisms in Psychiatric & Neurobiologic Disorders" (1 hr Guest Lecture on Rett Syndrome).
2010	MGY420F "Gene Expression" (20 hrs). LMP1520H "Translational Research in Pathobiology" (2 hr Guest lecture).

Karolinska International Exchange Course on Developmental and Perinatal Biology (1 hr Guest lecture).

2009 Human iPS Cell Training Course (1 hr, Coordinator).  
MMG1012H "Epigenetics and Transcriptional Control" (12 hrs, Coordinator).  
MGY420F "Gene Expression" (6 hrs).

2008 Human iPS Cell Training Course (1 hr, Coordinator).  
MGY420F "Gene Expression" (6 hrs).  
MMG1012H "Epigenetics and Transcriptional Control" (12 hrs, Coordinator)  
Stem Cell Network "HES & iPS cell training course" (1 hr Guest Lecture).  
MMG1012H "Molecular Mechanisms in Psychiatric & Neurobiologic Disorders" (2 hrs Guest Lecture on Rett Syndrome).

2007 MGY420F "Gene Expression" (6 hrs).  
MMG1012H "Molecular Mechanisms in Psychiatric & Neurobiologic Disorders" (2 hrs Guest Lecture on Rett Syndrome).

2006 On Sabbatical leave.  
MGY420F "Gene Expression" (6 hrs).

2005 MMG 1226Y "From the Molecular defect to Phenotype to Burden" (2 hr Guest Lecture to MSc students in Genetic Counselling).  
MGY420F "Gene Expression" (6 hrs).

2004 JDB1025Y "Developmental Biology" (2 hr Guest Expert on Epigenetics).  
MGY420F "Gene Expression" (6 hrs).  
MMG 1226Y "From the Molecular defect to Phenotype to Burden" (2 hr Guest Lecture to MSc students in Genetic Counselling).

2003 MGB420F "Gene Expression" (6 hrs).  
MMG 1226Y "From the Molecular defect to Phenotype to Burden" (2 hr Guest Lecture to MSc students in Genetic Counselling).

2002 MGB420F "Gene Expression" (6 hrs).  
MMG 1226Y "From the Molecular defect to Phenotype to Burden" (2 hr Guest Lecture to MSc students in Genetic Counselling).

2001 LMP1019S "Advanced Molecular Biology Techniques" (2 hr Guest Lecture).  
MGB420F "Gene Expression" (6 hrs).  
LMP1019S "Advanced Molecular Biology Techniques" (2 hr Guest Lecture).

2000 MGB470S Molecular and Human Genetics course (1 hr Guest Lecture).  
MGB420F "Gene Expression" (6 hrs).  
LMP1019S "Advanced Molecular Biology Techniques" (2 hr Guest Lecture).  
JLM349 Special Topics " $\beta$ -globin gene expression & gene therapy" (8 hrs).  
MGB470S Molecular and Human Genetics course (1 hr Guest Lecture).  
"Living and Learning in Retirement". York University. (2 hr Guest Lecture).

1999 MGB420F "Gene Expression" (6 hrs).  
LMP1019S "Advanced Molecular Biology Techniques" (2 hr Guest Lecture).  
JLM349 Special Topics " $\beta$ -globin gene expression & gene therapy" (8 hrs).  
MGB470S Molecular and Human Genetics course (1 hr Guest Lecture).

1998 MGB420F "Gene Expression" (6 hrs).  
JLM349 Special Topics " $\beta$ -globin gene expression & gene therapy" (8 hrs).  
MGB470S Molecular and Human Genetics course (1 hr Guest Lecture).  
SickKids Summer Student Program Career Day.

1997 MGB470S Molecular and Human Genetics course (1 hr Guest Lecture).  
CGAT Education Day for Science Teachers.  
SickKids Summer Student Program Career Day.  
Beta Sigma Phi 1997 Convention.

1995 SickKids Summer Student Lecture Program.  
University of Toronto Genetics Student Symposium.

Supervision of Current Trainees and Staff:

2017 Dr. Guoliang Meng (Tech 3).  
2017 Fraser McCready (PhD student).  
2012 Wei Wei (Tech 3).  
1994 Peter Pasceri (Tech 4).

Supervision of Previous Trainees:

2022-23 Jenny Liu (Undergraduate MGY480 Project Student).  
2020-23 Ellie Hogan (MSc student).  
2020-22 Sara Gordillo Sampedro (MSc student).  
2020-22 Gireesh Seesankar (MSc student and Tech 2).  
2019-21 Dr. Maria Sartori (Research Associate).  
2019 Vincent Lee, Katarina Maksimovic, Ashley Sabean, Charlotte Ridsdale (Rotation students).  
  
2019 Nicole Matusiak (Summer Student).  
2018-21 Jiajie Liu (Tech 3).  
2018-20 Leah DeJong (MSc student).  
2018-20 Loryn Byres (MSc student).  
2018 Joelle el Hajjar, Yuzi Xu (Summer students).  
2017-23 Marat Muftuev (PhD Student).  
2017-18 Ashrut Narula (MSc student).  
2017-18 Dr. Sazia Sharmin (Post-Doctoral Fellow).  
2017-18 Caitlin Loo (Tech 2).  
2017 Garrett Bulivant, Lyla El-Fayomi, Mohammadereza Amirazadeh (Rotation Students).  
  
2016-19 Dr. Matthew Hildebrandt (Post-Doctoral Fellow).  
2016 Justin Belair-Hickey, Nicole Lindsay-Mosher (Rotation Students).  
2016 Marat Muftuev (Summer Student).  
2015-17 Caitlin Loo (MSc Student).  
2014-17 Asli Dedeagac (Tech II).  
2014-15 Melody Zhao (Undergraduate Project Student and Summer Student).  
2014 Attey Rostami (Rotation Student).  
2014 Pablo Cardozo, Melody Zhao (Summer Students).  
2012-23 Dr. Deivid de Carvalho Rodrigues (Post-Doctoral Fellow promoted to Research Associate).  
  
2012-20 Rebecca Mok (PhD Student).  
2012-17 Kirill Zaslavsky (MD/PhD student).  
2012-15 Dr. Dae-Sung Kim (Post-Doctoral Fellow).  
2012-14 Wesley Lai (MSc Student).  
2012-13 Zhanna Konovalova (Tech II).  
2012 Javier Hernandez, Neha Thakkar, Samantha Yammine (Rotation Students).  
2012 Jason Hendry (Summer Student).  
2011-12 Jason Ko (Fourth Year Project Student).  
2011 Kevin Lan (Rotation Student).  
2010-20 Alina Piekna (Tech 3).  
2010-16 Dr. Joel Ross (Post-Doctoral Fellow promoted to Research Associate).  
2010-12 Dr. Shahryar Khattak (Research Associate).  
2010 Tarunpreet Dhaliwal (Summer Student).  
2009-12 Dr. Amy Wong (Post-Doctoral Fellow).  
2009-10 Dr. Ilaria Meloni (visiting Post-Doctoral Fellow from Sienna, Italy for 8 months).  
2009 Susan Anderson (Summer Student).  
2008-15 Tadeo Thompson (Tech III).  
2007-14 Ugljesa Djuric (PhD Student).  
2007-13 Aaron Cheung (PhD Student).

2007-13 Dr. Sylvie Gervier (Research Associate).  
 2007-12 Natalie Farra (PhD Student).  
 2007 Nicholas Watkins, Bilge Yoruk, Mengshu Xu (Rotating Graduate Students).  
 2007 Aaron Cheung (Summer Student).  
 2006-10 Dr. Akitsu Hotta (Post-Doctoral Fellow).  
 2006-08 Arash Khairandish (MSc student).  
 2006-07 Maisam Makarem (Summer Student).  
 2006 Sandra Smiley, Michele Li, Katie Welsh, Sidrah Ahmad, Shahab Shahnazari (Rotating Graduate Students).  
 2006 Hady Felfly (visiting PhD student for 1 month, IRCM).  
 2005-12 Mandy Lo (PhD Student).  
 2005-08 Dr. Mojgan Rastegar (Post-Doctoral Fellow).  
 2005-06 Soumitra Tole (Fourth Year Project Student).  
 2005 Arash Khairandish (Research Student for 3 months).  
 2005 Niki Alizadehvakili, Pinay Kainth, Ozan Baran (Rotating Graduate Students).  
 2005 Shauna Elliott (Summer Student).  
 2005 Anja Krauss (University of Perugia, Coop student).  
 2004 Coco Jiang, Mariam Alexander, Sergey Doulatov, Julie Turnbull (Rotating Graduate Students).  
 2004 Dr. Shuyuan Yao (Post-Doctoral Fellow - Temporary for 5 months).  
 2004 Shauna Elliott (Fourth Year Project Student).  
 2004 Orisha Yacyshyn, Emma Alston (Summer Students).  
 2003-04 Audrey Lam (ES Cell Facility Technician).  
 2003-04 Dr. Sumin Han (Post-Doctoral Fellow).  
 2003 Anthony Vecchiarelli (Rotating Graduate Student).  
 2002-05 Jason Ho (MSc Student).  
 2002-05 Angela Moffett (MSc Student).  
 2002-04 Rikki Bharadwaj (Tech II).  
 2002-03 Margaret Bento (Algarve Biotechnology Coop student).  
 2002 Dr. Dylan Pannell (Post-Doctoral Fellow - Temporary for 5 months).  
 2001-02 Helen Dimaras (Summer Student and Fourth Year Project Student).  
 2001 Brodie Nadeau (Rotating Graduate Student).  
 2001 Tara Kean (UVic Biology Co-op Student).  
 2000-08 Dr. Alla Buzina (Research Associate, promoted from Post-Doctoral Fellow).  
 2000-02 Rikki Bharadwaj (MSc Student).  
 2000 Joel Rubin (Tech II).  
 1999-2004 Shuyuan Yao (PhD Student).  
 1999-2003 Dr. Sharon Soodeen-Karamath (Post-Doctoral Fellow).  
 1999 Alison Varga (Rotating Graduate Student).  
 1999 Dr. Joydeep Basu (Post-Doctoral Fellow).  
 1999 Inez Fazal (6 month MSc rotation in Dept. of Lab. Med. & Pathobiology).  
 1998-2004 Linda Wei (Transgenic Facility Tech).  
 1998-2000 Megon YiJun Wu (Tech II).  
 1998 Mike Garroni (Rotating Graduate Student).  
 1998 John Bowman (Summer Student).  
 1997-2005 Tanya Sukonnik (Tech III, promoted from Tech II).  
 1997-2002 Dylan Pannell (PhD Student).  
 1997-2000 Joel Rubin (MSc Student).  
 1997-98 Anne Huang (Transgenic Facility Tech).  
 1997 Gilbert dos Santos, Kelly Murphy (Rotating Graduate Students).  
 1997 Donna Tran (Summer Student).  
 1996-2000 Dr. Cameron Osborne (Post-Doctoral Fellow).  
 1996-97 Dylan Pannell (Summer Student & Fourth Year Project Student).  
 1996 Sabrina Kim (Rotating Graduate Student).

1996 Lauren Posner, Liz Hait (Summer Students).  
 1995 Lauren Posner (Summer Student).  
 1995-96 Kristen Donaldson (Tech I).  
 1994-97 Xiumei Wu (Tech II).

Current Graduate Student Committees:

2023-24 On Sabbatical leave and excused from committees.

Previous Graduate Student Committees:

2023 Dina Greenberg, LMP (supervised by Dr. N. Rosenblum).  
 2021-23 Aditi Aggarwal, Molecular Genetics (supervised by Dr. Y. Li).  
 2020-23 Andrea Pisesky, LMP (supervised by Dr. M. Laflamme).  
 2019-23 Shahir Morcos, Molecular Genetics (supervised by Dr. E. Campos).  
 2019-23 Tyler Henderson, Molecular Genetics (supervised by Dr. S. Cordes).  
 2019-23 Lamisa Mizan, Molecular Genetics (supervised by Dr. M. Ramalho-Santos).  
 2019-23 Sophia Melliou, LMP (supervised by Dr. P. Diamandis).  
 2019-23 Adelaida Kolaj, Physiology (supervised by Drs. D. Kaplan and F. Miller).  
 2019-21 Giulia Benic, Molecular Genetics (supervised by Dr. C. Smibert).  
 2018-21 Yilin Tian, Physiology (supervised by Dr. N. Rosenblum).  
 2018-19 Jennifer Kao, LMP (supervised by Dr. P. Diamandis).  
 2017-19 Lisa Shao, Molecular Genetics (supervised by Dr. J. Brill).  
 2015-16 Ilan Vonderwalde, IBBME (supervised by Dr. C. Morshead).  
 2015-16 Mikol Tsui, IMS (supervised by Dr. E. Grunebaum).  
 2015-16 Anna Matveev, IMS (supervised by Dr. Y. Dror).  
 2013-21 Javier Hernandez, Molecular Genetics (supervised by Dr. J. Wrana).  
 2013-19 Eesha Sharma, Molecular Genetics (supervised by Dr. B. Blencowe).  
 2013-16 Hong Han, Molecular Genetics (supervised by Dr. B. Blencowe).  
 2013-16 Danielle Weber-Adrian, LMP (supervised by Dr. I. Aubert).  
 2013-14 Zahra Baghestani, Biochemistry (supervised by Dr. D. Bazett-Jones).  
 2012-19 Ahmed Fahmy, Molecular Genetics (supervised by Dr. D. van der Kooy).  
 2012-17 Chikin Kuok, Molecular Genetics (supervised by Dr. H. McNeill).  
 2012-14 Kota Hatta, IMS (supervised by Dr. R.-K. Lee).  
 2011-15 Harvey Lim, Medical Biophysics (supervised by Dr. N. Iscove).  
 2011-13 Nika Shabiba, Inst Biomat & Bioeng (supervised by Dr. P. Zandstra).  
 2011-12 Cesar Yamarte, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).  
 2010-15 Isabel Leung, Molecular Genetics (supervised by Dr. S. Sidhu).  
 2010-11 Julia DiLabio, LMP (supervised by Dr. P. Dirks).  
 2009 Magan Trottier, Molecular Genetics (supervised by Dr. S. Meyn).  
 2008-12 Maithe Arrudacarvalho, IMS (supervised by Dr. P. Frankland).  
 2007-14 Sandra Smiley, Molecular Genetics (supervised by Dr. J. Greenblatt).  
 2007-09 Phedias Diamandis, Molecular Genetics (co-supervised by Drs. M. Tyers and P. Dirks).  
 2007-09 Kendra Sturgeon, Molecular Genetics (supervised by Dr. S. Cordes).  
 2007-09 Aaron Kucharczuk, Molecular Genetics (supervised by Dr. S. Egan).  
 2006-13 Cindy Law, Medical Biophysics (supervised by Dr. P. Cheung).  
 2006-11 Eden Fussner, Biochemistry (supervised by Dr. D. Bazett-Jones).  
 2006-11 Emily Walker, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).  
 2006-08 Mohsen Hosseini, Molecular Genetics (supervised by Dr. D. van der Kooy).  
 2006-08 Zvi Shalev, Molecular & Medical Genetics (supervised by Dr. C. Taylor).  
 2005-11 Julie Turnbull, Molecular Genetics (supervised by Dr. S. Scherer).  
 2005-08 Iris Fung, Medical Biophysics (supervised by Dr. A. Schuh).  
 2004-10 Feroz Sarkari, Molecular Genetics (supervised by Dr. L. Frappier).  
 2004-08 Katharine Hagerman, Molecular & Medical Genetics (supervised by Dr. C. Pearson).

2003-06 Rozita Razavi, Immunology (supervised by Dr. M. Dosch).  
 2003-05 Cyrus Handy, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).  
 2003-04 Deanna Yaniv, IMS (supervised by Dr. J. Hu).  
 2003-04 Un Kwon, IMS (supervised by Dr. R. Wells).  
 2002-07 Joby McKenzie, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2002-06 Ryan Davey, Inst. Biomaterials & Bioengineering (supervised by Dr. P. Zandstra).  
 2002-04 Baiwei Gong, IMS (supervised by Drs. I. Dube and M. Hough).  
 2002-04 Chris Eskiw, IMS (supervised by Dr. D. Bazett-Jones).  
 2002-04 Rita Ho, Molecular & Medical Genetics (supervised by Dr. A. Nagy).  
 2002-03 Elizabeth Karaskov, Laboratory Medicine and Pathobiology (supervised by Dr. R. Bremner).  
 2001-07 Kristin Hope, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2001-03 Danielle Andrade, Molecular & Medical Genetics (supervised by Dr. S. Scherer).  
 2001-03 Victoria Bonn, Laboratory Medicine & Pathobiology (supervised by Dr. P. Dirks).  
 2001-03 Julien Marcadier, Molecular & Medical Genetics (supervised by Dr. C. Pearson).  
 2000-06 Alison Varga, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 2000-04 Elayne Chan, Molecular & Medical Genetics (supervised by Dr. S. Scherer).  
 2000-03 Brian Bobechko, Laboratory Medicine & Pathobiology (supervised by Dr. R. Bremner).  
 2000-02 Peter Azmi, Immunology (supervised by Dr. M. Shulman).  
 2000-01 Chelsea Taylor, IMS (supervised by Dr. N. Olivieri).  
 1999-2002 Diana Ronai, Immunology (supervised by Dr. M. Shulman).  
 1999-2002 Aihua Song, Immunology (supervised by Dr. M. Dosch).  
 1999-2001 Eniko Molnar, Molecular & Medical Genetics (supervised by Dr. J. Segall).  
 1999-2000 Mike Garroni, Molecular & Medical Genetics (supervised by Dr. M. Perry).  
 1999 Tim Klempan, Molecular & Medical Genetics (supervised by Dr. R. McInnes).  
 1998-2003 Hassina Benchabane, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 1998-2003 Michael Costanzo, Molecular & Medical Genetics (supervised by Dr. B. Andrews).  
 1998-2003 Tina Avolio, Molecular & Medical Genetics (supervised by Dr. L. Frappier).  
 1998-2003 Samantha Pattenden, Laboratory Medicine and Pathobiology (supervised by Dr. R. Bremner).  
 1998-2000 Felipe Cisternas, Molecular & Medical Genetics (supervised by Dr. P. Ray).  
 1998-2000 Benjamin Isserlin, Molecular & Medical Genetics (supervised by Dr. P. Ray).  
 1998 Mara Schvarstein, Molecular & Medical Genetics (supervised by Dr. S. Cordes).  
 1997-2001 Carol Portwine, IMS (supervised by Dr. D. Malkin).  
 1997-99 Sammy Kim, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 1997-98 Sharan Goobie, Molecular & Medical Genetics (supervised by Dr. J. Rommens).  
 1996-2001 Ching Ching Leow, Molecular & Medical Genetics (supervised by Dr. S. Egan).  
 1996-2000 Agnieska Seyda, Biochemistry (supervised by Dr. B. Robinson).  
 1994-97 Susan Clapoff, IMS (supervised by Dr. L.C. Tsui).

Ph.D. Thesis Examination Committees:

2023 Sophia Melliou, LMP (supervised by Dr. P. Diamandis).  
 2023 Adelaida Kolaj, Physiology (supervised by Drs. D. Kaplan and F. Miller).  
 2023 Marat Mufteev, Molecular Genetics (supervised by Dr. J. Ellis).  
 2022 Thomas Schiks, Forestry. Acted as Chair.  
 2021 Britt Mossink, Radboud University, Nijmegen NL (supervised by Dr. N. Nadif Kasri).  
 2020 Rebecca Mok, Molecular Genetics (supervised by Dr. J. Ellis).  
 2020 Luke Dingwell, IMS. Acted as Chair.  
 2020 Ahmed Fahmy, Molecular Genetics (supervised by Dr. D. van der Kooy).



2019 Eesha Sharma, Molecular Genetics (supervised by Dr. B. Blencowe).  
 2018 Charlene Khademullah, Cell & Systems Biology. Acted as Chair.  
 2017 Chikin Kuok, Molecular Genetics (supervised by Dr. H. McNeill).  
 2017 Kirill Zaslavsky, Molecular Genetics (supervised by Dr. J. Ellis).  
 2015 Harvey Lim, Medical Biophysics (supervised by Dr. N. Iscove).  
 2014 Ryan Salewski, IMS (supervised by Dr. M. Fehlings).  
 2014 Kota Hatta, IMS (supervised by Dr. R.-K. Lee).  
 2014 Melanie Jeffrey, Pharmacology and Toxicology. Acted as Chair.  
 2014 Ugljesa Djuric, Molecular Genetics (supervised by Dr. J. Ellis).  
 2014 Cindy Law, Medical Biophysics (supervised by Dr. P. Cheung).  
 2013 Aaron Cheung, Molecular Genetics (supervised by Dr. J. Ellis).  
 2013 Kristen Kernohan, Western University (supervised by N. Berube). Acted as External Examiner.  
 2013 David Tsui, IMS (supervised by Dr. F. Miller).  
 2012 Priscilla Lau, Medical Biophysics (supervised by Dr. P. Cheung).  
 2012 Mandy Lo, Molecular Genetics (supervised by Dr. J. Ellis).  
 2012 Natalie Farra, Molecular Genetics (supervised by Dr. J. Ellis).  
 2012 Julie Turnbull, Molecular Genetics (supervised by Dr. S. Scherer).  
 2011 Heidi Schweltnus, Rehabilitation Science. Acted as Chair.  
 2011 Eden Fussner, Biochemistry (supervised by Dr. D. Bazett-Jones).  
 2011 Zhang Wei, HKU (supervised by Dr. K.C. Tan-Un). Acted as External Examiner.  
 2011 Emily Walker, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).  
 2010 Pearl Campbell, University of Ottawa (supervised by M. Rudnicki). Acted as External Examiner.  
 2010 Feroz Sarkari, Molecular Genetics (supervised by Dr. L. Frappier).  
 2009 Kimberley Lau, MBP. Acted as Chair.  
 2009 Katharine Hagerman, Molecular Genetics (supervised by Dr. C. Pearson).  
 2008 Joel Ross, University of Ottawa (supervised by R. Parks). Acted as External Examiner.  
 2008 Angelina Stojanova, Medical Biophysics (supervised by L. Penn).  
 2007 Joby McKenzie, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2007 Silvia Bakovic, UBC (supervised by Dr. K. Humphries). Acted as External Examiner.  
 2007 Kristin Hope, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2006 Ryan Davey, Inst. Biomaterials & Bioengineering (supervised by Dr. P. Zandstra).  
 2006 Alison Varga, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 2006 Katarina Magnusson, Zoology. Acted as Chair.  
 2005 Jeffrey Wong, Medical Biophysics (supervised by H. Klamut).  
 2004 Farbod Shojaie, University of Western Ontario (supervised by Dr. M. Bhatia). Acted as External Examiner.  
 2004 Elayne Chan, Molecular & Medical Genetics (supervised by Dr. S. Scherer).  
 2004 Chris Eskiw, IMS (supervised by Dr. D. Bazett-Jones).  
 2004 Shuyuan Yao, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 2003 Hassina Benchabane, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 2003 Michael Costanzo, Molecular & Medical Genetics (supervised by Dr. B. Andrews).  
 Samantha Pattenden, Laboratory Medicine and Pathobiology (supervised by Dr. R. Bremner).  
 2002 Aihua Song, Immunology (supervised by Dr. M. Dosch).  
 2002 Dylan Pannell, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 2002 Ching Ching Leow, Molecular & Medical Genetics (supervised by Dr. S. Egan).  
 2001 Carol Portwine, IMS (supervised by Dr. D. Malkin).

- 2000 Craig Mizzen, Physiology (supervised by Dr. D. McLachlan).
- 2000 William McMartin, Forestry. Acted as Chair.
- 2000 Agnieska Seyda, Biochemistry (supervised by Dr. B. Robinson).
- 2000 Maija Partenen, IMS (supervised by Dr. C-c Hui).
- 1999 Fotula Karantzoulis-Fegaras, Laboratory Medicine and Pathobiology (supervised by Dr. P. Marsden). Acted as Internal Appraiser.
- 1996 Andre Larochelle, Molecular & Medical Genetics (supervised by Dr. J. Dick). Acted as Internal Appraiser.

Ph.D. Qualifying Examination Committees:

- 2022 Aditi Aggarwal, Molecular Genetics (supervised by Dr. Y. Li).
- 2021 Ellie Hogan, Molecular Genetics (supervised by Dr. J. Ellis).
- 2021 Sara Gordillo Sampedro, Molecular Genetics (supervised by Dr. J. Ellis).
- 2020 Tyler Henderson, Molecular Genetics (supervised by Dr. S. Cordes).
- 2020 Lamisa Mizan, Molecular Genetics (supervised by Dr. M. Ramalho-Santos).
- 2018 Najjin Li, Molecular Genetics (supervised by Dr. P. Dirks).
- 2018 Marat Muftuev, Molecular Genetics (supervised by Dr. J. Ellis).
- 2018 Milena Kotic, Pharmacy (supervised by S. Angers).
- 2008 Ugljesa Djuric, Molecular Genetics (supervised by Dr. J. Ellis).
- 2007 Eden Fussner, Biochemistry (supervised by Dr. D. Bazett-Jones).
- 2006 Ryan Draker, Laboratory Medicine and Pathobiology (supervised by Dr. P. Cheung).
- 2004 Jason Yantha, Immunology (supervised by Dr. M. Dosch).
- 2004 Michele Rey, Molecular & Medical Genetics (supervised by Dr. C. Taylor).
- 2003 John Cleary, Molecular & Medical Genetics (supervised by Dr. C. Pearson).
- 2001 Shuyuan Yao, Molecular & Medical Genetics (supervised by Dr. J. Ellis).
- 2000 Belma Ljusic, Immunology (supervised by Dr. J.C. Zuniga-Pflucker).
- 2000 Michael Costanzo, Molecular & Medical Genetics (supervised by Dr. B. Andrews).
- 2000 Aihua Song, Immunology (supervised by Dr. M. Dosch).
- 1999 Hassina Benchabane, Molecular & Medical Genetics (supervised by Dr. J. Wrana).
- 1999 Tina Avolio, Molecular & Medical Genetics (supervised by Dr. L. Frappier).
- 1998 Jasmine Wong, Molecular & Medical Genetics (supervised by Dr. M. Buchwald).
- 1998 Craig Dorrell, Molecular & Medical Genetics (supervised by Dr. J. Dick).

MSc. Thesis Examination Committees:

- 2023 Ellie Hogan, Molecular Genetics (supervised by Dr. J. Ellis).
- 2022 Sara Gordillo Sampedro, Molecular Genetics (supervised by Dr. J. Ellis).
- 2022 Gireesh Seesankar, Molecular Genetics (supervised by Dr. J. Ellis).
- 2021 Giulia Benic, Molecular Genetics (supervised by Dr. C. Smibert).
- 2020 Leah DeJong, Molecular Genetics (supervised by Dr. J. Ellis).
- 2020 Loryn Byres, Molecular Genetics (supervised by Dr. J. Ellis).
- 2019 Jennifer Kao, LMP (supervised by Dr. P. Diamandis).
- 2018 Stasja Drecun, IBBME (supervised by Dr. C. Morshead).
- 2018 Ashrut Narula, Molecular Genetics (supervised by Dr. O. Rissland and Dr. J. Ellis).
- 2017 Ashkan Azimi, IMS (supervised by Dr. C. Morshead).
- 2014 Liubov Krichevsky, Medical Biophysics (supervised by Dr. C. Arrowsmith).
- 2012 Cesar Yamarte, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).
- 2011 Julia DiLabio, LMP (supervised by Dr. P. Dirks).
- 2010 Arash Khairandish, Molecular Genetics (supervised by Dr. J. Ellis).
- 2009 Kendra Sturgeon, Molecular Genetics (supervised by Dr. S. Cordes).
- 2009 Magan Trottier, Molecular Genetics (supervised by Dr. S. Meyn).

2009 Aaron Kucharczuk, Molecular Genetics (supervised by Dr. S. Egan).  
 2009 Radha Chaddah, IMS (supervised by Dr. D. van der Kooy).  
 2008 Tara Belsito, Molecular Genetics (supervised by Dr. S. Lewis).  
 2008 David Anchel, Biochemistry (supervised by Dr. D. Bazett-Jones).  
 2007 Dongqing Liu, Molecular & Medical Genetics (supervised by Dr. J. Greenblatt).  
 2006 Gregory Block, Biochemistry (supervised by Dr. D. Bazett-Jones).  
 2005 Angela Moffett, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 2005 Cyrus Handy, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).  
 2005 Jason Ho, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 2004 Deanna Yaniv, IMS (supervised by Dr. J. Hu).  
 2004 Margaret Hing, Molecular & Medical Genetics (supervised by Dr. L. Frappier).  
 2004 Baiwei Gong, IMS (supervised by Drs. I. Dube and M. Hough).  
 2004 Un Kwon, IMS (supervised by Dr. R. Wells).  
 2004 Rita Ho, Molecular & Medical Genetics (supervised by Dr. A. Nagy).  
 2003 Danielle Andrade, Molecular & Medical Genetics (supervised by Dr. S. Scherer).  
 2003 Victoria Bonn, Laboratory Medicine & Pathobiology (supervised by Dr. P. Dirks).  
 2003 Brian Bobechko, Laboratory Medicine & Pathobiology (supervised by Dr. R. Bremner).  
 2003 Julien Marcadier, Molecular & Medical Genetics (supervised by Dr. C. Pearson).  
 2002 Rikki Bharadwaj, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 2001 Chelsea Taylor, IMS (supervised by Dr. N. Olivieri).  
 2001 Mike Garroni, Molecular & Medical Genetics (supervised by Dr. M. Perry).  
 2000 Harry Bremner, IMS (supervised by Dr. H. O'Brodovich).  
 2000 Felipe Cisternas, Molecular & Medical Genetics (supervised by Dr. P. Ray).  
 1998 Sharan Goobie, Molecular & Medical Genetics (supervised by Dr. J. Rommens).  
 1997 Victor Mak, IMS (supervised by Dr. L.C. Tsui).

Ph.D. Reclassification Examination Committees:

2022 Jessica-Lynne Welton, Physiology (supervised by Dr. B. Cox).  
 2021 Mahreen Khan, Molecular Genetics (supervised by Drs. C. Pearson & R. Yuen.)  
 2020 Shahir Morcos, Molecular Genetics (supervised by Dr. E. Campos).  
 2019 Krystal Jacques-Smith, IMS (supervised Dr. Derek van der Kooy).  
 2018 Shaghayegh Farhangmehr, Molecular Genetics (supervised by Dr. B. Blencowe).  
 2018 Fraser McCready, Molecular Genetics (supervised by Dr. J. Ellis).  
 2017 Neemat Mahmud, Physiology (supervised by Dr. F. Miller).  
 2015 Danielle Weber-Adrian, LMP (supervised by Dr. I. Aubert).  
 2014 Eesha Sharma, Molecular Genetics (supervised by Dr. B. Blencowe).  
 2014 Rebecca Mok, Molecular Genetics (supervised by Dr. J. Ellis).  
 2014 Javier Hernandez, Molecular Genetics (supervised by Dr. J. Wrana).  
 2013 Kirill Zaslavsky, Molecular Genetics (supervised by Dr. J. Ellis).  
 2013 Ahmed Fahmy, Molecular Genetics (supervised by Dr. D. van der Kooy).  
 2013 Chikin Kuok, Molecular Genetics (supervised by Dr. H. McNeill).  
 2012 Harvey Lim, Medical Biophysics (supervised by Dr. N. Iscove).  
 2012 Atom Wang, Medical Biophysics (supervised by Dr. M. Minden).  
 2012 Nika Shabiba, Inst Biomat & Bioeng (supervised by Dr. P. Zandstra).  
 2010 Mark Zander, IMS (supervised by Dr. F. Miller).  
 2009 Natalie Farra, Molecular Genetics (supervised by Dr. J. Ellis).  
 2009 Aaron Cheung, Molecular Genetics (supervised by Dr. J. Ellis).  
 2008 Cindy Law, Medical Biophysics (supervised by Dr. P. Cheung).  
 2008 Sandra Smiley, Molecular & Medical Genetics (supervised by Dr. J. Greenblatt).  
 2007 Phedias Diamandis, Molecular & Medical Genetics (co-supervised by Drs. M. Tyers and P. Dirks).  
 2007 Rahul Kushwah, LMP (supervised by Dr. J. Hu).  
 2007 Paul Cassar, IMS (supervised by Dr. W. Stanford).

2007 Faiyaz Notta, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2007 Mandy Lo, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 2007 Pinay Kainth, Molecular & Medical Genetics (supervised by Dr. B. Andrews).  
 2006 Emily Walker, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).  
 2006 Julie Turnbull, Molecular & Medical Genetics (supervised by Dr. S. Scherer).  
 2005 Iulia Oprea, IMS (supervised by Dr. B. Minassian).  
 2005 Ted Young, IMS (supervised by Dr. L. Osborne).  
 2005 Melissa MacPherson, Molecular & Medical Genetics (supervised by Dr. P. Sadowski).  
 2005 Katharine Hagerman, Molecular & Medical Genetics (supervised by Dr. C. Pearson).  
 2005 Feroz Sarkari, Molecular & Medical Genetics (supervised by Dr. L. Frappier).  
 2004 Rozita Razavi, Immunology (supervised by Dr. M. Dosch).  
 2003 Joby McKenzie, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2003 James Kennedy, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2002 Angela Sing, Molecular & Medical Genetics (supervised by Dr. S. Cordes).  
 2002 Ryan Davey, Inst. Biomaterials & Bioengineering (supervised by Dr. P. Zandstra).  
 2002 Kristin Hope, Molecular & Medical Genetics (supervised by Dr. J. Dick).  
 2001 Alison Varga, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 2001 Elayne Chan, Molecular & Medical Genetics (supervised by Dr. S. Scherer).  
 2001 Peter Azmi, Immunology (supervised by Dr. M. Shulman).  
 2001 Daniel Mao, Medical Biophysics (supervised by Dr. L. Penn).  
 2000 Emily Cheng, Immunology (supervised by Dr. M. Shulman).  
 1999 Samantha Pattenden, Laboratory Medicine and Pathobiology (supervised by Dr. R. Bremner).  
 1999 Anouk-Martine Teichert, Laboratory Medicine and Pathobiology (supervised by Dr. P. Marsden).  
 1999 Dylan Pannell, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 1998 Lyn Mar, Molecular & Medical Genetics (supervised by Dr. A. Nagy).  
 1998 Sammy Kim, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 1997 Agnieska Seyda, Biochemistry (supervised by Dr. B. Robinson).  
 1997 Ching Ching Leow, Molecular & Medical Genetics (supervised by Dr. S. Egan).

#### MSc. Reading Committees:

2002 Rana Abboud, Molecular & Medical Genetics (supervised by Dr. R. McInnes).  
 2000 Roxanna Sultan, Molecular & Medical Genetics (supervised by Dr. M. Perry).  
 2000 Joel Rubin, Molecular & Medical Genetics (supervised by Dr. J. Ellis).  
 1999 Sammy Kim, Molecular & Medical Genetics (supervised by Dr. J. Wrana).  
 1998 Jason Tanny, Molecular & Medical Genetics (supervised by Dr. J. Segall).

#### Poster Judge

2019 Molecular Genetics Retreat.  
 2018 Till & McCulloch Meeting, Ottawa ON.  
 2017 Till & McCulloch Meeting, Mt Tremblant QC.  
 Molecular Genetics Retreat.  
 2016 Molecular Genetics Retreat.  
 2013 TAKAO symposium. Tokyo Japan.  
 2012 Molecular Genetics Retreat.  
 2007 Stem Cell Network AGM.  
 2006 Molecular and Medical Genetics Retreat.  
 2006-7 SLRSSP Summer Student Symposium Day.  
 2000 SickKids Research Institute Retreat.  
 1998 U of T Medical Student Research Day.

**PUBLICATIONS****Journal Articles** ORCID iD 0000-0002-4400-0091

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### **Policy papers**

SickKids Policy on Responsible Conduct of Research, revised 2022.

“APEC Guiding Principles on Research Integrity” 2022, acknowledged for participating in the Consensus Workshop Chaired by D. Barr.

<https://www.apec.org/publications/2022/02/apec-guiding-principles-for-research-integrity>

“TriAgency Framework: Responsible Conduct of Research” 2021, revised policy as a member of the PRCR. <https://rcr.ethics.gc.ca/eng/framework-cadre-2021.html>

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## **Patents issued**

1. Medical Research Council (UK) on behalf of F. Grosveld, J. Ellis and D. Kioussos. Locus Control Subregions conferring integration site independent transgene integration. US patent 08/488,145 dated Aug 29, 2000.

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