

CURRICULUM VITAE
September 7, 2010

JAMES ELLIS

Developmental & Stem Cell Biology Program
The Hospital for Sick Children, MaRS Centre, Toronto Medical Discovery Tower
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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

2008-10 Scientific Co-Director, Ontario Human IPS Cell Facility.

2000-10 Senior Scientist, The Hospital for Sick Children, Toronto.
Research subjects: iPS cells for modeling human disease, gene silencing of retrovirus vectors in stem cells; regulation and replication of human β -globin transgenes; gene therapy of Sickle Cell Anemia and Rett Syndrome.

1994-2000 Scientist, The Hospital for Sick Children, Toronto.
Research subjects: Regulation and chromatin structure of human β -globin transgenes; gene silencing of retrovirus vectors in stem cells; gene therapy of β -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 β -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 Professor, Department of Molecular Genetics, University of Toronto.

2006-10 Developmental and Stem Cell Biology Program, The Hospital for Sick Children.

2003 (Feb) Visiting Scientist, Institute of Reproduction and Development. Monash University, Melbourne, Australia.

2001-09 Associate Professor, Department of Molecular Genetics, University of Toronto.

1998-2006 Developmental Biology Program, and Cancer and Blood Research Program, The Hospital for Sick Children.

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, The Hospital for Sick Children.

Honours, Fellowships, Scholarships

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

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.
2010-15	CIHR Emerging Team grant (GPG-102171) to Drs. F. Ratjen (PI), C. Bear, P. Durie, <u>J. Ellis</u> , and D. Rotin (\$480,290 per annum). CIHR Emerging Team in Cystic Fibrosis Therapy.
2010-13	CIHR grant (MOP-102649) to Drs. <u>J. Ellis</u> (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. <u>J. Ellis</u> (\$100,000). Retrovirus silencing and chromatin reorganization in stem cells.
2009-13	NIH Grant (1R21MH087908-01) to <u>J. Ellis</u> (PI), S. Scherer, R. Weksberg, S. Yao, S. Ding. Patient iPS cells with copy number variations to model neuropsychiatric disorders. US\$150,000 for Y1-2; US\$250,000 for Y3-4.
2008-13	CIHR Emerging Team in Regenerative Medicine grant (RMF-92090) to Drs. <u>J. Ellis</u> (PI), D. Mager, M. Lorincz, J. Dilworth and P. Dirks (\$484,740 per annum). Vectors, epigenetics and stem cell reprogramming.
1997-2010	Beta Sigma Phi International Endowment Fund award to Dr. <u>J. Ellis</u> (US\$ 5,000 per annum). Gene therapy of β -thalassemia, sickle cell anemia and Rett Syndrome.

Funding History - Previous Grants

2008-10	Ministry of Research and Innovation (MRI) seed grant to Drs. W. Stanford, <u>J. Ellis</u> and J. Rossant (\$1,000,000). Ontario Human Induced Pluripotent Stem Cell Facility.
2009-10	CIHR Bridging grant (IG1-94505) from the Institute of Genetics to Dr. <u>J. Ellis</u> (\$100,000). Induced pluripotent stem cells to model human Rett Syndrome.
2009	MITACs event funding to Drs. <u>J. Ellis</u> (PI) and S. Charge (\$20,000). Human Induced Pluripotent Stem Cell Training Course.
2008-09	Stem Cell Network Catalyst Grant to Drs. <u>J. Ellis</u> (PI), P. Zandstra and J. Audet. (\$100,000). Reprogramming iPS cells to model human autism disorders.
2007-09	IRSF grant to Drs. <u>J. Ellis</u> (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. <u>J. Ellis</u> (PI) and E. Jervis (\$131,063 approved per annum). Epigenetics of retrovirus silencing and variegation.
2005-08	CIHR grant (MOP-57715) to Dr. <u>J. Ellis</u> (\$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. <u>J. Ellis</u> 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 β -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 β -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.

1996-99 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 β -globin locus. Extended for 6 months (\$8,881) until funded above.

Funding History - Fellowships / Studentships / Awards to Lab Members

2010 SCN Travel Bursary for Hydra Summer School in Stem Cells and Regenerative Medicine to Aaron Cheung.

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

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

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).

2008-11 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).

2007-10 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, <u>J. Ellis</u> and F. Keeley. Application successful and funded (\$5,040,000).

Invited Talks

2010	3 rd Congress Asia-Pacific Pediatric Cardiac Society. Tokyo, Japan. Italian Society of Human Genetics National Congress. Florence, Italy. iPS Cells and the NIH Intramural Research Program Workshop. Bethesda MD. 5 th Canadian Developmental Biology Conference. Mt Tremblant QB. Cell Culture Engineering. Banff AB. University Wide Surgical Rounds. Sunnybrook Hospital. Panel Discussion on “Cellular Reprogramming: What the future holds”. ISSCR, San Francisco. Meet the Investigator Lunch presentation, ASGCT 13 th Annual meeting. Washington DC. Panel Discussion on “Ethical Issues with ESC and iPSC” ASGCT 13 th Annual Meeting. Washington DC.
2009	Brazilian Society of Cell Biology. Sao Paolo, Brazil. 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 th Annual Meeting. San Diego, CA. Ste Justine Hospital Scientific Retreat. Montreal PQ. Toronto IPS Meeting. UHN/MaRS
2008	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 11th Annual Meeting. Boston MA. 4th Canadian Gene Therapy and Vaccines Symposium, Montreal PQ. SickKids CF Research Seminar Series. ObGyn. McGill University. Montreal.
2007	ASGT 10th Annual Meeting. Seattle WA. Spratt Stem Cell Centre, OHRI, Ottawa. EMBO Conference on Chromatin and Epigenetics. Heidelberg, Germany. Hannover Medical School, Hannover, Germany. Erasmus Medical Center. Rotterdam, Netherlands. SickKids IIR Seminar Series.

University of Texas Southwestern Medical Center. Dallas TX.
 Beta Sigma Phi Executive Council Annual Meeting, Toronto.
 2006 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 8th 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 IIIR 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:

2009 Autism Parent Conference oral presentation. Hamilton ON.
 2008 Connecting for Kids Blog.

Grant Panels

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.
 2003-06 CIHR Developmental Biology Panel member.
 2005 NIH Panel for "Cell Based Therapy" RFA.
 Regenerative Medicine Development Centre (UWO) Project Committee.
 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.

Conference Organization

2009-12 Embryonic/Somatic Stem Cell and Tissue Engineering Committee, ASGT.
 2009 Kyoto/Gladstone/Toronto Joint IPS Cell Meeting Co-organizer.
 2009 CIHR Emerging Team Meeting Organizer.
 2009 AHA Scientific Session Moderator.
 2007 ASGT 10th Annual Meeting Abstract Review Committee and Session Chair.

Society Membership

2006-10 International Society for Stem Cell Research.
 1997-2010 American Society of Gene Therapy.
 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.

Teaching

Lectures on Gene Expression and Gene Therapy:

2010 Karolinska International Exchange Course on Developmental and Perinatal Biology (1 hr Guest lecture).
Human iPS Cell Training Course (1 hr, Coordinator).

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

2008 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 (Jan - June).
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 " β -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 " β -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 " β -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:

2010 Dr. Shahryar Khattak (Post-Doctoral Fellow).
2010 Dr. Joel Ross (Post-Doctoral Fellow).
2010 Alina Piekna (Tech I).
2009-10 Dr. Amy Wong (Post-Doctoral Fellow).
2008-10 Tadeo Thompson (Lab Research Project Coordinator iPSC Facility).
2007-10 Dr. Sylvie Gervier (Post-Doctoral Fellow).
2007-10 Aaron Cheung (PhD Student).
2007-10 Natalie Farra (PhD Student).
2007-10 Ugljesa Djuric (PhD Student).
2005-10 Mandy Lo (PhD Student).
1994-2010 Peter Pasceri (Lab Research Project Manager).

Supervision of Previous Trainees:

2010 Tarunpreet Dhaliwal (Summer Student).
2009-10 Dr. Ilaria Meloni (visiting Post-Doctoral Fellow from Sienna, Italy for 8 months).
2009 Susan Anderson (Summer 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).
2005-08 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:

2010 Isabel Leung, Molecular Genetics (supervised by Dr. S. Sidhu).
 2010 Julia DiLabio, LMP (supervised by Dr. P. Dirks).
 2008-10 Maithe Arrudacarvalho, IMS (supervised by Dr. P. Frankland).
 2007-10 Mohsen Hosseini, Molecular Genetics (supervised by Dr. D. van der Kooy).
 2007-10 Sandra Smiley, Molecular Genetics (supervised by Dr. J. Greenblatt).
 2006-10 Emily Walker, Inst Biomat & Bioeng (supervised by Dr. W. Stanford).
 2006-10 Cindy Law, Medical Biophysics (supervised by Dr. P. Cheung).
 2006-10 Eden Fussner, Biochemistry (supervised by Dr. D. Bazett-Jones)
 2005-10 Julie Turnbull, Molecular Genetics (supervised by Dr. S. Scherer).

Previous Graduate Student Committees:

2009 Magan Trottier, Molecular Genetics (supervised by Dr. S. Meyn).
 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).
 2006-08 Zvi Shalev, Molecular & Medical Genetics (supervised by Dr. C. Tailor).
 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:

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:

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:

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:

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 Agnieszka 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

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.
1997 U of T Medical Student Research Day.

PUBLICATIONS

Journal Articles

1. Ellis J., and A. Bernstein. 1989. Gene targeting with retroviral vectors: recombination by gene conversion into regions of nonhomology. **Mol. Cell. Biol.** 9:1621-1627.
2. Huszar D., J. Ellis and A. Bernstein. 1989. A rapid and accurate method for determining the titer of retrovirus vectors lacking a selectable marker. **Technique** 1:28-32.
3. Ellis J., and A. Bernstein. 1989. Retrovirus vectors containing an internal attachment site: evidence that circles are not the intermediates to murine retrovirus integration. **J. Virol.** 63:2844-2846.
4. Steeg C.M., J. Ellis, and A. Bernstein. 1990. Introduction of specific point mutations into RNA polymerase II by gene targeting in mouse embryonic stem cells: evidence for a DNA mismatch repair mechanism. **Proc. Natl. Acad. Sci. (USA)** 87:4680-4684.
5. Ellis J., D. Talbot, N. Dillon, and F. Grosveld. 1993. Synthetic human β -globin 5'HS2 constructs function as locus control regions only in multicopy transgene concatamers. **EMBO J.** 12:127-134.
6. Ellis J., and F. Grosveld. 1993. Nuclear factors regulating erythroid progenitor cell differentiation and gene expression. **Sem. Dev. Biol.** 4:359-369.
7. Ellis J., K.C. Tan-Un, A. Harper, D. Michalovich, N. Yannoutsos, S. Philipsen and F. Grosveld. 1996. A dominant chromatin opening activity in 5' hypersensitive site 3 of the human β -globin locus control region. **EMBO J.** 15:562-568.
8. Ellis J. 1996. Retroviral gene therapy - as easy as α , β , γ ? **Mol. Med. Today** 2:318.

9. Guy, L.G., R. Kothary, Y. deRepentigny, J. Ellis and L. Wall. 1996. The β -globin locus control region enhances transcription of but does not confer position-independent expression onto the *LacZ* gene in transgenic mice. **EMBO J.** 15:3713-3721.
10. Ellis J., P. Pasceri, K.C. Tan-Un, X. Wu, A. Harper, P. Fraser and F. Grosveld. 1997. Evaluation of β -globin gene therapy constructs in single copy transgenic mice. **Nucleic Acids Research** 25:1296-1302.
11. Ellis J. 1997. Gene correction therapy on target. **Mol. Med. Today** 3:5.
12. Murdoch B., D.S. Pereira, X. Wu, J.E. Dick and J. Ellis. 1997. A rapid screening procedure for the identification of high titer retrovirus packaging cell clones. **Gene Therapy** 4:744-749.
13. Pasceri P., D. Pannell, X. Wu and J. Ellis. 1998. Full activity from human β -globin Locus Control Region transgenes requires 5'HS1, distal β -globin promoter, and 3' β -globin sequences. **Blood** 92:653-663.
14. Ellis J. 1998. Bubbles, loops and globins. **Trends Gen.** 14:489.
15. Osborne C.S., P. Pasceri, R. Singal, T. Sukonnik, G.D. Ginder and J. Ellis. 1999. Amelioration of retroviral vector silencing in locus control region β -globin transgenic mice and transduced F9 embryonic cells. **J. Virol.** 73:5490-6
16. Pannell D., C.S. Osborne, S. Yao, T. Sukonnik, P. Pasceri, A. Karaiskakis, M. Okano, E. Li, H.D. Lipshitz and J. Ellis. 2000. Retrovirus vector silencing is de novo methylase-independent and marked by a repressive histone code. **EMBO J.** 19:5884-94.
17. Rubin J., P. Pasceri, X. Wu, P. Leboulch and J. Ellis. 2000. Locus Control Region activity by 5'HS3 requires a functional interaction with β -globin gene regulatory elements: expression of novel beta/gamma-globin hybrid transgenes. **Blood** 95:3242-9.
18. Jiang Z., Z. Gou, F.A. Saad, J. Ellis and E. Zachsenhaus. 2001. The Rb promoter directs transgene expression exclusively to the nervous system. **J. Biol. Chem.** 276:593-600.
19. Ellis J. and D. Pannell. 2001. The β -globin locus control region versus gene therapy vectors: a struggle for expression. **Clin. Genet.** 59:17-24.
20. Moreau-Gaudry F., P. Xia, G. Jiang, N.P. Perelman, G. Bauer, J. Ellis, K.H. Surinya, F. Mauvilio, C.K. Shen, and P. Malik. 2001. High level erythroid-specific gene expression in primary human and murine hematopoietic cells with self-inactivating lentiviral vectors. **Blood.** 98:2664-72. Accompanied by an "Inside Blood" article by D. Russell on p2595-6.
21. Pannell D. and J. Ellis. 2001. Silencing of gene expression: implications for design of retrovirus vectors. **Rev. Med. Virol.** 11:205-17.
22. Pawliuk, R., K.A. Westerman, M.E. Fabry, E. Payen, R. Tighe, E.E. Bouhassira, S.A. Acharya, J. Ellis, I.M. London, C.J. Eaves, R.K. Humphries, Y. Beuzard, R.L. Nagel, P. Leboulch. 2001. Correction of sickle cell disease in transgenic mouse models by gene therapy. **Science.** 294:2368-71. Accompanied by a "News of the Week" article by E. Marshall on p2268.

23. Bharadwaj R.R., C.D. Trainor, P. Pasceri, J. Ellis. 2003. LCR regulated transgene expression levels depend on the Oct-1 site in the AT-rich region of β -globin intron-2. **Blood** 101:1603-10.
24. Song, A., S. Winer, H. Tsui, A. Sampson, P. Pasceri, J. Ellis, J.F. Elliott, H.M. Dosch. 2003. Deviation of islet autoreactivity to cryptic epitopes protects NOD mice from diabetes. **Eur. J. Immunol.** 33:546-55.
25. Yao, S., Osborne C.S., R. Bharadwaj, P. Pasceri, T. Sukonnik, D. Pannell, F. Recillas-Targa, A.G. West and J. Ellis. 2003. Retrovirus silencer blocking by the cHS4 insulator is CTCF independent. **Nucleic Acids Research** 31:5317-23.
26. Ostermeier G.C., Z. Liu, R.P.Martins, R.R. Bharadwaj, J. Ellis, S. Dragici, S.A. Krawetz. 2003. Nuclear matrix association of the human β -globin locus utilizing a novel approach to quantitative real-time PCR. **Nucleic Acids Research** 31:3257-66.
27. Yao S., T. Sukonnik, T. Kean, R.R. Bharadwaj, P. Pasceri and J. Ellis. 2004. Retrovirus silencing, variegation, extinction and memory are controlled by a dynamic interplay of multiple epigenetic modifications. **Molecular Therapy** 10:27-36. CIHR Grant #MOP37991
28. Dalle B.,* J.E. Rubin*, O. Alkan., T. Sukonnik, P. Pasceri, S. Yao, R. Pawliuk, P. Leboulch and J. Ellis. 2005. eGFP reporter genes silence LCRbeta-globin transgene expression via CpG dinucleotides. **Molecular Therapy** 11:591-599. * Equal first authors. Accompanied by an "Inside This Month" commentary on p494.
29. Ellis J. and S. Yao. 2005. Retrovirus silencing and vector design: relevance to normal and cancer stem cells? **Current Gene Therapy** 5:367-373.
30. Buzina A., M.I. Aladjem, J.L. Kolman, G.M. Wahl and J. Ellis. 2005. Initiation of DNA replication at the human beta-globin 3' enhancer. **Nucleic Acids Research** 33:4412-4424.
31. Lam P.P., Y.M. Leung, L. Sheu, J. Ellis, R.G. Tsushima, L.R. Osborne, H.Y. Gaisano. 2005. Transgenic mouse over-expressing Syntaxin-1A as a diabetes model. **Diabetes** 54:2744-2754.
32. Chen J., P.C. Reifsnyder, F. Scheuplein W.H. Schott, M. Milievsky, S. Soodeen-Karamath, A. Nagy, M.H. Dosch, J. Ellis, F. Koch-Nolte, E.H. Leiter. 2005. "Agouti NOD": identification of a CBA-derived *Idd* locus on Chromosome 7 and its use for chimera production with NOD embryonic stem cells. **Mammalian Genome** 16:775-783.
33. Ellis J. 2005. Silencing and variegation of gammaretrovirus and lentivirus vectors. **Human Gene Therapy** 16:1241-1246.
34. Ramunas J., H.J. Montgomery, L. Kelly, T. Sukonnik, J. Ellis* and E. Jervis*. 2007. Real time fluorescence tracking of dynamic transgene variegation in stem cells. *Equal corresponding authors. **Molecular Therapy** 15:810-817. Accompanied by an "In This Issue" commentary on p646.
35. Ellis J., A. Hotta and M. Rastegar. 2007. Retrovirus silencing by an epigenetic TRIM. **Cell** 131:13-14.

36. Tsui H, Y Chan, L Tang, S. Winer, R.K. Cheung, G Paltser, T Selvanantham, A.R. Elford, JR Ellis, DJ Becker, PS Ohashi, H.M. Dosch. 2008. Targeting of Pancreatic Glia in Type 1 Diabetes. **Diabetes** 57:918-28.
37. Buzina A.*, M.Y. Lo*, A. Moffett*, A. Hotta, E Fussner, R.R. Bharadwaj, P. Pasceri, J.V. Garcia-Martinez, D.P. Bazett-Jones and J. Ellis. 2008. Beta-globin LCR and intron elements cooperate and direct spatial reorganization for gene therapy. *Equal first authors. **PLOS Genetics** 4:e1000051.
38. Hotta A. and J. Ellis. 2008. Retroviral vector silencing during iPS cell induction: an epigenetic beacon that signals distinct pluripotent states. **J. Cellular Biochemistry** 105:940-948. Featured on cover art.
39. Ellis J., B.G. Bruneau, G. Keller, I.R. Lemischka, A. Nagy, J. Rossant, D. Srivastava, P.W. Zandstra and W.L. Stanford. 2009. Alternative induced pluripotent stem cell characterization criteria for in vitro applications. **Cell Stem Cell** 4:198-199.
40. Hotta A., A.Y. Cheung, N. Farra, K. Vijayaragavan, C.A. Seguin, J.S. Draper, P. Pasceri, I.A. Maksakova, D.L. Mager, J. Rossant, M. Bhatia and J. Ellis. 2009. Isolation of human iPS cells using EOS lentiviral vectors to select for pluripotency. **Nature Methods** 6:370-376. Featured on cover art. Described as a Research Highlight in Nature Reports Stem Cells on May 7, 2009.
41. Rastegar M., A. Hotta, P. Pasceri, M. Makarem, A.Y.L. Cheung, S. Elliott, K. J. Park, M. Adachi, F.S. Jones, I.D. Clarke, P. Dirks and J. Ellis. 2009. MECP2 isoform-specific vectors with regulated expression for Rett Syndrome gene therapy. **PLoS ONE** 4(8): e6810.
42. Sing A., D. Pannell, A. Karaiskakis, K. Sturgeon, M. Djabali, J. Ellis, H. Lipshitz and S. Cordes. 2009. A vertebrate Polycomb response element governs segmentation of the posterior hindbrain. **Cell** 138(5):885-897.
43. Belmonte J.C.I, J. Ellis, K. Hochedlinger and S. Yamanaka. 2009. Induced pluripotent stem cells and reprogramming: seeing the science through the hype. **Nature Reviews Genetics** 10:878-83.
44. Hotta A., A. Cheung, N. Farra, K Garcha, W.Y. Chang, W.L. Stanford and J. Ellis. 2009. EOS lentiviral vector selection system for human induced pluripotent stem cells. **Nature Protocols** 4:1828-44.
45. Djuric U. and J. Ellis. 2010. Epigenetics of Induced Pluripotency: the Seven-Headed Dragon. **Stem Cell Research and Therapy** 1:1:3.
46. Yantha J, H. Tsui, S. Winer, A. Song, P. Wu, G. Paltser, J. Ellis, H.M. Dosch. Unexpected Acceleration of Type 1 Diabetes by Transgenic Expression of B7-H1 in NOD Mouse Peri Islet Glia. **Diabetes**. 2010 Jun 3. [Epub ahead of print] PubMed PMID: 20522597.

Book Chapters

1. Ellis J., and A. Bernstein. 1988. Gene targeting with retroviral vectors, in "Viral Vectors" p 157-161, S. Hughes and Y. Gluzman (eds.). Current Communications in Molecular Biology series, Cold Spring Harbor Laboratory, N.Y.

2. Talbot D., S. Philipson, S. Pruzina, O. Hanscombe, P. Fraser, M Antoniou, E. de Boer, A. Imam, J. Ellis, and F. Grosveld. 1991. Characterization of HS4 and the role of NFE2 in HS2 of the human β -globin Locus Control Region, in "The Regulation of Hemoglobin Switching" p 85-102, G. Stamatoyannopolis and A. Nienhuis (eds.), Johns Hopkins University Press.
3. Grosveld, F., M. Antoniou, M. Berry, E. deBoer, N. Dillon, J. Ellis, P. Fraser, D. Greaves, O. Hanscombe, J. Hurst, M. Lindenbaum, V. Mignotte, S. Philipson, S. Pruzina, J. Strouboulis, D. Talbot, and D. Whyatt. 1991. The human β -globin locus control region. Stohlmann lecture in "Modern Trends in Human Leukemia", R. Neth (ed.).
4. Grosveld, F., M. Antoniou, M. Berry, E. deBoer, N. Dillon, J. Ellis, P. Fraser, D. Greaves, O. Hanscombe, J. Hurst, M. Lindenbaum, V. Mignotte, S. Philipson, S. Pruzina, J. Strouboulis, D. Talbot, and D. Whyatt. 1991. The regulation of the human β -globin locus, in "15th Bristol-Myers Squibb Symposium", Academic Press.
5. Grosveld, F., M. Antoniou, M. Berry, E. deBoer, N. Dillon, J. Ellis, P. Fraser, O. Hanscombe, J. Hurst, A. Imam, M. Lindenbaum, S. Philipson, S. Pruzina, J. Strouboulis, S. Raguz-Bolognesi, and D. Talbot. 1993. The regulation of human globin gene switching. *Phil. Trans. R. Soc. Lond. B* **339**: 183-191.
6. Grosveld, F., M. Antoniou, M. Berry, E. deBoer, N. Dillon, J. Ellis, P. Fraser, J. Hurst, A. Imam, D Meijer, S. Philipson, S. Pruzina, J. Strouboulis, and D. Whyatt. 1993. The regulation of human globin gene switching. *Cold Spring Harbor Symposium on Quantitative Biology* **58**:7-13.
7. Ellis J., S. Philipson, J. Strouboulis, S. Pruzina, R. Tewari, N. Gillemans, D. Drabek, A. Harper, F. Grosveld and P. Fraser. 1995. The regulation of human β -globin gene expression: the roles of 5'HS1-4, in "Molecular Biology of Hemoglobin Switching" G. Stamatoyannopoulos (ed.). Intercept Ltd.
8. Pasceri P., D. Pannell, X. Wu, and J. Ellis. 1998. 5'HS1 and the distal β -globin promoter functionally interact in single copy β -globin transgenic mice. *Annals of the New York Academy of Sciences* **850**: 377-381.
9. Yao S., and J. Ellis. 2005. Retrovirus Vector Silencing in Stem Cells, in "Trends in Stem Cell Research" p 27-66, E.V. Greer (ed.). Nova Biomedical Books.
10. Milot E., and J. Ellis. 2006. Transgene Silencing, in "Encyclopedic Reference of Genomics and Proteomics in Molecular Medicine" p 1896-1899, D. Ganten and K. Ruckpaul (eds.). Springer Verlag.

Abstracts

1. Ellis J., C.M. Steeg, and A. Bernstein. 1989. Gene targeting by gene conversion through regions of nonhomology to generate G418 or amanitin resistant cells. Gordon Research Conference on "Molecular Genetics". Newport, Rhode Island.
2. Ellis J., D. Talbot, N. Dillon, and F. Grosveld. 1992. Functional analysis of the human β -globin locus control region 5' hypersensitive site 2. *J. Cell. Biochem. Supp.* **16E**: 177. UCLA Symposium on "Fundamental Mechanisms of Transcription". Copper Mountain, Colorado.

3. Ellis J., D. Talbot, N. Dillon, and F. Grosveld. Functional analysis of the human β -globin locus control region 5'HS2. 1992. Eighth Conference on "Hemoglobin Switching". Orcas Island, Washington State.
4. Ellis J., D. Talbot, N. Dillon, P. Fraser, A. Harper, D. Michalovich, and F. Grosveld. 1993. β -globin 5'HS2 functions as an LCR only in multicopy transgene concatamers. EMBL Conference on "Mouse Molecular Genetics". Heidelberg, Germany.
5. Ellis J., K. Tan-Un, A. Harper, N. Yannoutsos, P. Fraser, D. Michalovich, S. Philipsen, and F. Grosveld. 1994. LCR and enhancer activities in single-copy transgenic mice. Ninth Conference on "Hemoglobin Switching". Orcas Island, Washington State. Oral presentation by J. Ellis.
6. Ellis J., K. Tan-Un, A. Harper, N. Yannoutsos, P. Fraser, D. Michalovich, S. Philipsen, and F. Grosveld. 1995. Evaluation of human β -globin gene therapy constructs by expression in single-copy transgenic mice. J. Cell. Biochem. Supp. **21A**: 376. Keystone Conference on "Gene Therapy and Molecular Medicine". Steamboat Springs, Colorado.
7. Ellis J., P. Pasceri, X. Wu, and F. Grosveld. 1996. Chromatin opening activity in the human β -globin locus control region. Cambridge Symposia on "Nuclear Structure - Gene Expression Interrelationships". Bolton Valley, Vermont.
8. Ellis J., X. Wu, and P. Pasceri. 1996. Evaluation of β -globin gene therapy vectors in single copy transgenic mice. Tenth Conference on "Hemoglobin Switching". Orcas Island, Washington State.
9. Ellis J., X. Wu, and P. Pasceri. 1996. Evaluation of β -globin gene therapy vectors in single copy transgenic mice. "Gene Therapy" meeting. Cold Spring Harbor, New York. Oral presentation by J. Ellis.
10. Pasceri P., D. Pannell, X. Wu, and J. Ellis. 1997. 5'HS1 and the distal β -globin promoter functionally interact in single copy β -globin transgenic mice. Seventh "Cooley's Anemia" Symposia. Cambridge, Massachusetts.
11. Pasceri P., X. Wu, S. Kim, C. Osborne, and J. Ellis. 1997. Silencing of β -globin locus control region constructs by retrovirus sequences. Second "Canadian Symposium on Gene Therapy". Vancouver, BC. Oral presentation by J. Ellis.
12. Pasceri P., X. Wu, S. Kim, C. Osborne, and J. Ellis. 1997. Silencing of β -globin locus control region reporter genes by linked retrovirus sequences in transient transgenic mice. FASEB summer conference on "Chromatin and Transcription". Aspen, Colorado.
13. Pasceri P., D. Pannell, X. Wu, C. Osborne, and J. Ellis. 1998. Conflicts of expression - locus control regions versus vector silencing. "Broken Arrow" Conference. Mississauga, Ontario. Oral presentation by J. Ellis.
14. Pasceri P., C. Osborne, D. Pannell, X. Wu, and J. Ellis. 1998. Silencing of β -globin locus control region transgenes by retrovirus vector sequences. American Society for Gene Therapy 1st Annual Meeting. Seattle, Washington State.
15. Pasceri P., X. Wu, S. Kim, C. Osborne, and J. Ellis. 1998. Silencing of β -globin locus control region reporter genes by linked retrovirus sequences in transient transgenic mice. "Great Lakes Mammalian Development" Meeting. Toronto, Ontario.

16. Osborne C. , Pasceri P., X. Wu, and J. Ellis. 1998. Silencing of human β -globin locus control region reporter genes by retrovirus sequences in transient transgenic mice. Second "Canadian Gene Therapy Symposium". Montreal, Quebec. Oral presentation by C. Osborne.
17. Ellis J., D. Pannell, C. Osborne, P. Pasceri, A. Karaiskakis, T. Sukonnik, X. Wu, and H. Lipshitz. 1998. Gene silencing of retrovirus vectors is conserved in transgenic mice and *Drosophila*. "Gene Therapy" meeting. Cold Spring Harbor, New York.
18. Pannell D., C. Osborne, P. Pasceri, A. Karaiskakis, X. Wu, J. Ellis, and H. Lipshitz. 1998. Gene silencing by retrovirus vectors is conserved in transgenic mice and *Drosophila*. "Molecular and Developmental Biology of *Drosophila*" EMBO International Workshop. Kolymbari, Greece.
19. Ellis J., C. Osborne, D. Pannell, J. Rubin, P. Pasceri, A. Karaiskakis, T. Sukonnik, X. Wu, and H. Lipshitz. 1998. Breaking the code of silencing in retrovirus vectors. Eleventh Conference on "Hemoglobin Switching". Orcas Island, Washington State. Oral presentation by J. Ellis. *Blood Cell Mol Dis* **24**:471.
20. Pannell D., J.A.L. Bowman, A. Karaiskakis, P. Pasceri, H.D. Lipshitz, and J. Ellis. 1998. Retrovirus vector sequences silence linked transgenes in *Drosophila*. Eleventh Conference on "Hemoglobin Switching". Orcas Island, Washington State. *Blood Cell Mol Dis* **24**:511.
21. Rubin J., P. Pasceri, X. Wu, and J. Ellis. 1998. Single-copy transgene expression by 5'HS3 requires sequences from the β -globin gene. Eleventh Conference on "Hemoglobin Switching". Orcas Island, Washington State. *Blood Cell Mol Dis* **24**:512.
22. Osborne C., P. Pasceri, R. Singal, T. Sukonnik, G. Ginder, and J. Ellis. 1998. Silencing of human β -globin locus control region reporter genes by retrovirus vectors in transgenic mice. Eleventh Conference on "Hemoglobin Switching". Orcas Island, Washington State. *Blood Cell Mol Dis* **24**:509-510.
23. Ellis J., C. Osborne, D. Pannell, P. Pasceri, A. Karaiskakis, T. Sukonnik, X. Wu, and H. Lipshitz. 1999. A conserved gene silencing pathway in transgenic mice and *Drosophila*. Great Lakes Mammalian Development Meeting. Toronto, Ontario. Oral presentation by J. Ellis.
24. Leow C.C., B. Cohen, P. Pasceri, J. Ellis, S. Egan. 1999. Analysis of Notch ligand expression and function during mouse mammary gland development. CBCRI annual conference. Toronto, Ontario.
25. Osborne C., P. Pasceri, T. Sukonnik, and J. Ellis. 1999. Relief of transcriptional silencing in LCR β -globin retroviral vectors assayed in transgenic mice. ASH Annual Meeting. New Orleans, LA. *Blood* **94** (Supp 1):177a.
26. Rubin J., P. Pasceri, X. Wu, and J. Ellis. 1999. Single-copy transgene expression by 5'HS3 requires 3' enhancer elements from the β -globin gene but not the promoter. ASH Annual Meeting. New Orleans, LA. *Blood* **94** (Supp 1):203a.
27. Aleshkov, S.B., R.J. Pawliuk, O. Alkan, J. Ellis, and P. Leboulch. 1999. Alphavirus/retrovirus hybrid vectors for efficient transfer of large β -globin gene/LCR segments to murine bone marrow. ASH Annual Meeting. New Orleans, LA. Oral presentation by S. Aleshkov. *Blood* **94** (Supp 1):612a.

28. Ellis, J. 1999. Novel hybrid globin transgenes and non-silenced retrovirus vectors. Oral presentation to Globin Vector Club I at ASH. New Orleans, LA.
29. Pannell D., A. Karaïskakis, P. Pasceri, H.D. Lipshitz, and J. Ellis. 2000. Retroviral vector sequences silence linked transgenes in the methylation-free environment of *Drosophila*. Keystone meeting on Chromatin Structure. Tamarron, CO.
30. Song, A, P. Pasceri, J. Ellis, and H.M. Dosch. 2000. The induction of ICA69 tolerance in transgenic NOD mice. Canadian Society of Immunology Conference. Montreal, Quebec.
31. Ellis, J. 2000. Oral presentation at Ottawa Hospital Research Institute. Chromatin effects on gene therapy design: the β -globin LCR requires insulators to overcome retrovirus silencer elements. Ottawa, Ontario.
32. Osborne C., P. Pasceri, T. Sukonnik, S. Yao and J. Ellis. 2000. Chicken HS4 Insulator functions in a retrovirus silencer-blocking assay in transgenic mice. Twelfth Conference on "Hemoglobin Switching". Orcas Island, Washington State. Blood Cell Mol Dis **26**:523.
33. Yao S., C. Osborne, P. Pasceri and J. Ellis. 2000. A repressive Histone Code of bound H1 and deacetylated H3 marks silent LCR β -globin retrovirus vectors in transgenic mice. Twelfth Conference on "Hemoglobin Switching". Orcas Island, Washington State. Blood Cell Mol Dis **26**:531.
34. Ellis J., D. Pannell, S. Yao, P. Pasceri, J. Rubin, T. Sukonnik, O. Alkan, A. Karaïskakis, R. Bharadwaj, H. Lipshitz, P. Leboulch, and C. Osborne. 2000. Silencing of Retrovirus and Lentivirus Vectors: Blue Flies, Green Vectors, Histone Codes and Insulators. Twelfth Conference on "Hemoglobin Switching". Orcas Island, Washington State. Oral presentation by J. Ellis.
35. Alkan O., D. Bininzkiewicz, R. Pawliuk, R.K. Humphries, R. Jaenisch, J. Ellis and P. Leboulch. 2000. Unmethylatable, silencing-resistant gene transfer vectors: Design of a CpG-free EGFP gene. American Society for Gene Therapy 3rd Annual Meeting. Denver CO. Mol. Therapy 1(5):S308.
36. Alkan O., D., R. Pawliuk, S. Aleshkov, R.K. Humphries, J. Ellis and P. Leboulch. 2000. Successful incorporation of extended LCR and β -globin gene constructs in oncoviral and lentiviral vectors. American Society for Gene Therapy 3rd Annual Meeting. Denver CO. Mol. Therapy 1(5):S106.
37. Campbell T., P. Pasceri, J. Ellis, L.C. Tsui and L.R. Osborne. 2000. Generation of mice that over-express the Syntaxin 1A protein. American Society for Human Genetics Annual Meeting.
38. Buzina A., J. Basu, J. Kolman, T. Sukonnik, R. Bharadwaj, J. Rubin, G. Wahl, and J. Ellis. 2000. Initiation of DNA replication in human β/γ -globin hybrid transgenes. Replication 2000 Meeting. Salk Inst, La Jolla, CA.
39. Ellis, J. 2000. Silencing of retrovirus and lentivirus vectors is de novo methylase-independent and marked by a repressive histone code. Oral presentation at Cell Genesys. Foster City, CA.
40. Sukonnik T., and J. Ellis. 2000. Retrovirus vectors are rapidly silenced in de novo methylase knockout stem cells. ASH annual meeting. San Francisco, CA.

41. Bharadwaj R., J. Rubin, P. Pasceri, and J. Ellis. 2000. β -globin gene therapy cassettes require intron 2 AT-rich binding sites for high level expression. ASH annual meeting. San Francisco, CA.
42. Ellis, J., R. Bharadwaj, P. Pasceri, and J. Rubin. 2000. Improving gene therapy expression: A CpG-free reporter and the AT-rich β -globin intron 2. Oral presentation to Globin Vector Club II at ASH. San Francisco, CA.
43. Pawliuk, R., K. Westerman, S. Imren, S. Suzyka, M. Fabry, J. Ellis, K. Humphries, and P. Leboulch. 2001. Stable transfer of lentivirus encoded therapeutic globin proteins. American Society for Gene Therapy 4th Annual Meeting. Seattle WA.
44. Pannell D., S. Yao, T. Sukkonik, P. Pasceri, A. Karaiskakis, E. Li, H. D. Lipshitz and J. Ellis. 2001. Retroviral vector silencing occurs via a conserved de novo methylase-independent mechanism. FASEB summer conference on "Chromatin". Aspen, CO.
45. Martins R., C. Ostermeier, R. Bharadwaj, J. Ellis, S. Krawetz. 2001. A Real Time Survey of MARs: nuclear matrix association of the human β -globin locus using real-time PCR. Wayne State Molecular Medicine and Genetics Departmental Retreat. Detroit, MI.
46. S. Yao, C. Osborne, D. Pannell, P. Pasceri, T. Sukkonik, T. Kean, A. Karaiskakis, H. Lipshitz, and J. Ellis. 2002. Chromatin marks, silencer-blocking Insulators, and stem cell gene therapy vectors. Keystone meeting on "Epigenetics of Disease". Taos, CO. Oral presentation by J. Ellis.
47. S. Yao, C. Osborne, D. Pannell, P. Pasceri, T. Sukkonik, T. Kean and J. Ellis. 2002. Silencer-blocking insulators are active in stem cell retrovirus vectors. ASGT Fifth Annual meeting. Boston, MA.
48. Buzina A., M.I. Aladjem, G. Wahl and J. Ellis. 2002. Initiation of DNA replication near the human β -globin 3' enhancer. "DNA Replication and Genome Integrity" meeting. Salk Inst, La Jolla, CA.
49. Sukkonik S., T. Kean, P. Pasceri, D. Pannell, S. Yao, R. Bharadwaj, P. Cravens, J.V. Garcia and J. Ellis. 2002. Retrovirus silencing, insulators and globin expression cassettes. Globin Vector Club III at ASGT Meeting. Boston, MA. Oral presentation by J. Ellis.
50. Islas-Ohlmayer M., P. Cravens, J. Gatlin, G. Buchanan, V. Aquino, J. Ellis, and J.V. Garcia. 2002. Hematopoietic stem cell gene transfer for sickle cell disease. Globin Vector Club III at ASGT Meeting. Boston, MA.
51. Sukkonik T., S. Yao, C. Osborne, P. Pasceri, T. Kean, R. Bharadwaj, D. Pannell, and J. Ellis. 2002. Retrovirus silencing, memory and insulation by cHS4. Thirteenth Conference on "Hemoglobin Switching". Oxford UK. Oral presentation by J. Ellis. Blood Cells Mols Dis 31 (1): 138-138, 2003.
52. Soodeen-Karamath S., P. Pasceri, A. Nagy, M. Dosch and J. Ellis. 2002. Establishment of embryonic germ (EG) cells from non-permissive diabetic NOD mice. Stem Cell Network AGM. Mississauga, ON.

53. Yao S., C. Osborne, P. Pasceri, R. Bharadwaj, T. Sukonnik and J. Ellis. 2002. Silencer-blocking by Insulators in Stem Cell Gene Therapy Vectors. Stem Cell Network AGM. Mississauga, ON.
54. Soodeen-Karamath S., P. Pasceri, A. Nagy, M. Dosch and J. Ellis : 2002. Establishment of embryonic germ (EG) cells from non-permissive diabetic NOD mice. "Innovation in Therapeutics: Stem cell research and its promise in regenerative medicine" Healthcare Forum and Reception. Queens Park Legislature, Toronto.
55. Yao S., T. Sukonnik, T. Kean, R. Bharadwaj, P. Pasceri and J. Ellis. 2003. Lentivirus and retrovirus vectors are silenced in ES cells by multiple epigenetic modifications. Stem Cell Network AGM. Vancouver BC. **Won Best Poster Prize – Runner-up**.
56. Yao S., C. Osborne, R. Bharadwaj, P. Pasceri, M. Bento, F. Rossi, and J. Ellis. 2003. Stem cell vector designs to insulate against gene silencing. Stem Cell Network AGM. Vancouver BC.
57. Yao S., T. Sukonnik, T. Kean, R. Bharadwaj, P. Pasceri and J. Ellis. 2004. Retrovirus and lentivirus vectors are silenced in ES cells by dynamic interplay of multiple epigenetic modifications. ASGT 7th Annual Meeting. Minneapolis, MN. Mol Therapy 9: S154-S155 402 Suppl. 2004.
58. Mileikovsky M., S. Soodeen-Karamath, M. Gertsenstein, P. Pasceri, K. Vinterstein, J. Ellis, M. Dosch, E. Leiter, and A. Nagy. 2004. NOD embryonic stem cells. ISSCR meeting. Boston, MA.
59. Moffett A., R. Bharadwaj, M. Bento, P. Pasceri and J. Ellis. 2004. Oct-1 sites to increase hybrid globin expression in lentivirus vectors for Sickle Cell Anemia gene therapy. SOGT meeting. Cambridge, ON.
60. Buzina A., M.I. Aladjem, J.L. Kolman, G.M. Wahl and J. Ellis. 2004. Initiation of DNA Replication at the Human β -Globin 3' Enhancer. "DNA Replication and Genome Integrity" meeting. Salk Inst, La Jolla, CA.
61. Yao S., T. Sukonnik, T. Kean, R. Bharadwaj, P. Pasceri and J. Ellis. 2004. Retrovirus and lentivirus vectors are silenced in ES cells by dynamic interplay of multiple epigenetic modifications. Fourteenth Conference on Hemoglobin Switching. Orcas Island, Washington State. Blood Cell Mols Dis 34 (2):83-4.
62. Ramunas J., T. Sukonnik, L. Kelly, J. Ellis and E. J. Jervis. 2004. Real time fluorescent tracking of dynamic transgene variegation in stem cells. Stem Cell Network AGM. Montreal, Quebec. Selected for a **National CTV interview** by Avis Favaro with our collaborator E. Jervis showing videotape of variegated retrovirus in an ES cell line we provided (aired Nov 7, 2004).
63. Mileikovsky M., S. Soodeen-Karamath, M. Gertsenstein, P. Pasceri, K. Vinterstein, J. Ellis, M. Dosch, E. Leiter, and A. Nagy. 2004. NOD embryonic stem cells. Stem Cell Network AGM. Montreal, Quebec.
64. Moffett A., R. Bharadwaj, M. Bento, P. Pasceri, A. Buzina and J. Ellis. 2004. Oct-1 sites to increase hybrid globin expression in lentivirus vectors for Sickle Cell Anemia gene therapy. Stem Cell Network AGM. Montreal, Quebec.

65. Ho J., S. Yao and J. Ellis. 2004. Identification of novel functional silencer elements in retrovirus vectors. Stem Cell Network AGM. Montreal, Quebec. **Won Best Poster Prize.**
66. Afifiyan F., R. Razavi, H. Tsui, S. Winer, P. Pasceri, J. Ellis and H.-M. Dosch. 2005. Over-expression of a B7.1 transgene in peri-islet schwann cells modifies NOD mouse diabetes. Canadian Society for Immunology meeting. Whistler, BC.
67. Ellis J., Ramunas J., T. Sukonnik, L. Kelly, and E. J. Jervis. 2005. Real time fluorescent tracking of dynamic transgene variegation in stem cells. ASGT 8th Annual Meeting. St Louis MO. Mol Therapy 11 Supp 1: S33, 2005. Oral presentation by J. Ellis.
68. Ellis J. 2005. Epigenetics of retrovirus silencing and variegation in stem cells. "Chromatin Structure, Epigenetics and Cancer" meeting. Morelos, Mexico. Oral presentation by J. Ellis.
69. Ramunas J., H. Montgomery, T. Sukonnik, J. Ellis and E. J. Jervis. 2005. Analysis of the relationships between cell lineage and transgene expression patterns in embryonic stem cells. Stem Cell Network AGM. Calgary AB.
70. Ramunas, J. H. J. Montgomery, L. Kelly, T. Sukonnik, E. J. Jervis and J. Ellis. 2006. Real time fluorescence tracking of dynamic variegation by retrovirus vectors in stem cells. Fifteenth Conference on Hemoglobin Switching. Oxford UK. Blood Cells Mol Dis 38: 136-137, 2007.
71. Rastegar M., P. Pasceri, S. Elliott, M. Makarem, L. Jamieson, M. Henkelman, I. Clarke, P. Dirks and J. Ellis. 2006. Gene Therapy of Rett Syndrome Neural Stem Cells. Stem Cell Network AGM. Ottawa ON. Oral presentation by M. Rastegar.
72. Hotta A., A. Krauss, P. Pasceri, I. A. Maksakova, D. L. Mager and J. Ellis. 2006. Embryonic stem cell expression by retroviral vectors with internal ETn, Oct-4 or Nanog promoters. Stem Cell Network AGM. Ottawa ON.
73. Rastegar M., P. Pasceri, S. Elliott, M. Makarem, L. Jamieson, M. Henkelman, I. Clarke, P. Dirks and J. Ellis. 2007. Neural Stem Cell model for MeCP2 gene therapy of Rett Syndrome. Great Lakes Mammalian Development Meeting. Toronto, ON. Oral presentation by M. Rastegar.
74. Hotta A, P. Pasceri, IA Maksakova , DL Mager and J. Ellis. 2007. ES cell specific retrovirus expression using the ETn promoter and Oct4-Sox2 enhancers. Great Lakes Mammalian Development Meeting. Toronto, ON.
75. Rastegar M., P. Pasceri, M. Makarem, S. Elliott, L. Jamieson, M. Adachi, F.S. Jones, M. Henkelman, I. Clarke, P. Dirks and J. Ellis. 2007. Long-term retrovirus expression in Neural Stem Cells and their neuronal progeny for MeCP2 gene therapy of Rett Syndrome. ASGT 10th Annual Meeting. Seattle WA. Oral presentation by J. Ellis.
76. Ellis J., A. Hotta, M. Rastegar, D. Moogk, J. Ramunas, HJ Montgomery, L. Kelly, and E. J. Jervis. 2007. Real time fluorescent tracking of dynamic transgene variegation in stem cells. EMBO Conference on Chromatin and Epigenetics. Heidelberg, Germany. Oral presentation by J. Ellis.

77. Rastegar M., P. Pasceri, M. Makarem, S. Elliott, L. Jamieson, M. Adachi, F.S. Jones, M. Henkelman, I. Clarke, P. Dirks and J. Ellis. 2007. Long-term MeCP2 isoform expression after Neural Stem Cell gene therapy. 8th Annual Rett Syndrome Symposium, Itasca, IL.
78. Rastegar M., A. Hotta, P. Pasceri, A. Cheung, M. Makarem, S. Elliott, L. Jamieson, M. Adachi, F.S. Jones, I. Clarke, P. Dirks and J. Ellis. 2007. Retroviral and lentiviral MeCP2 delivery into Neural Stem Cells and neurons for gene therapy of Rett Syndrome. Stem Cell Network AGM. Toronto, ON.
79. Hotta A, P. Pasceri, A. Krauss, IA Maksakova, DL Mager and J. Ellis. 2007. Retrovirus and lentivirus based EOS vectors for marking and selection of pluripotent stem cells. Stem Cell Network AGM. Toronto, ON. Oral presentation by A. Hotta.
80. Khairandish A., A. Hotta, T. Sukonnik and J. Ellis. 2007. Global position effects on the epigenetics of lentiviral vector variegation. Stem Cell Network AGM. Toronto, ON.
81. Hotta A. and J. Ellis. 2008. IPS cell derivation. HESC Workshop. Vancouver BC. Oral presentation by A. Hotta.
82. Rastegar M., A. Hotta, P. Pasceri, A. Cheung, M. Makarem, S. Elliott, L. Jamieson, M. Adachi, F.S. Jones, I. Clarke, P. Dirks and J. Ellis. 2008. Retroviral and lentiviral gene therapy of Rett Syndrome in Neural Stem Cells and Cortical Neurons. Great Lakes Mammalian Development Meeting. Toronto, ON.
83. Hotta A., J. Draper, P. Pasceri, I.A. Maksakova, D.L. Mager, J. Rossant and J. Ellis. 2008. EOS lentiviral vector facilitates reprogramming of iPS cells with the Yamanaka factors. Great Lakes Mammalian Development Meeting. Toronto, ON. Oral presentation by A. Hotta.
84. Lo M.Y.M., A. Buzina, E. Fussner, P. Pasceri, D.P. Bazett-Jones and J. Ellis. 2008. Spatial reorganization of β -globin transgenes during MEL cell induction. Great Lakes Mammalian Development Meeting. Toronto, ON.
85. Ralston A., A. Hotta, J. Ellis and J. Rossant. 2008. Are induced pluripotent stem (iPS) cells functionally equivalent to ES cells? CSH Meeting on Control and Regulation of Stem Cells. Cold Spring Harbor, NY.
86. Lo M.Y.M., A. Hotta and J. Ellis. 2008. Transcriptional noise of lentiviral transgenes in embryonic stem cells. CSH Meeting on Dynamic Organization of Nuclear Function meeting. Cold Spring Harbor, NY.
87. Fussner E.M., A. Hotta, A. Toulina, R. Li, J. Ellis and D.P. Bazett-Jones. 2008. Chromatin re-organization is associated with induced pluripotency. CSH Meeting on Dynamic Organization of Nuclear Function meeting. Cold Spring Harbor, NY.
88. Hotta A., J. Draper, P. Pasceri, I.A. Maksakova, D.L. Mager, J. Rossant and J. Ellis. 2008. EOS lentivector selection enriches iPS cell induction without c-Myc. ASGT 11th Annual Meeting. Boston MA. Oral presentation by J. Ellis.
89. Hotta A., J. Draper, P. Pasceri, I.A. Maksakova, D.L. Mager, J. Rossant and J. Ellis. 2008. EOS lentiviral vector: marking and selection of reprogrammed iPS cells. ISSCR 6th Annual Meeting. Philadelphia PA.
90. Rastegar M., A. Hotta, P. Pasceri, A. Cheung, M. Makarem, S. Elliott, M. Adachi, F.S. Jones, I. Clarke, P. Dirks and J. Ellis. 2008. MECP2 isoform-specific vectors with

- restricted expression for Rett Syndrome gene therapy. 9th Annual Rett Syndrome Symposium, Itasca, IL. Oral presentation by J. Ellis.
91. Hotta A., C. Seguin, A. Cheung, P. Pasceri, J. Rossant and J. Ellis. 2008. EOS lentiviral vectors mark mouse and human iPS cells during reprogramming. Stem Cell Network AGM. Vancouver BC. **Won best poster prize**.
 92. Rival-Gervier S., and J. Ellis. 2008. The D4Z4 insulator protects retrovirus vectors from silencing in stem cells. Stem Cell Network AGM. Vancouver BC.
 93. Rastegar M., A. Hotta, P. Pasceri, A. Cheung, M. Makarem, S. Elliott, M. Adachi, F.S. Jones, I. Clarke, P. Dirks and J. Ellis. 2008. Neural stem cell model of Rett Syndrome gene transfer using MeCP2 isoform-specific viral vectors. Stem Cell Network AGM. Vancouver BC.
 94. Lo M.Y.M., A. Hotta, J. Ellis. 2009. Nuclear localization of retroviral vector transcription in embryonic stem cells using MS2 fluorescent reporters. Great Lakes Mammalian Development Meeting. Toronto, ON.
 95. Farra N., A. Hotta, P. Pasceri, A. Cheung and J. Ellis. 2009. Inducing pluripotent stem cells from *Mecp2*³⁰⁸ mice to model Rett Syndrome. Great Lakes Mammalian Development Meeting. Toronto, ON.
 96. Cheung A., A. Hotta, T. Thompson, J. Ellis. 2009. Generation of patient-derived induced Pluripotent Stem cells to model human Rett Syndrome. Great Lakes Mammalian Development Meeting. Toronto, ON.
 97. Djuric U., E. Fussner, A. Hotta, A. Toulina, D. Bazett-Jones and J. Ellis. 2009. Molecular characterization of partially reprogrammed induced pluripotent stem cells. Great Lakes Mammalian Development Meeting. Toronto, ON.
 98. Hotta A., C. Séguin, P. Pasceri, J. Rossant, J. Ellis. 2009. Enriched isolation of human induced pluripotent stem cells. Great Lakes Mammalian Development Meeting, Toronto, ON. Oral Presentation by A. Hotta.
 99. Fussner E., Djuric U., Hotta A., Toulina A., Ellis J. and Bazett-Jones DP. Electron Spectroscopic Imaging of chromatin reveals significant reorganization of the genome associated with induced pluripotency. 2009. McMaster University Symposium on Cryo-electron microscopy with biological specimens. Hamilton, ON. Oral presentation by E. Fussner.
 100. Rival-Gervier S., and J. Ellis. 2009. The D4Z4 insulator protects retrovirus vectors from silencing in stem cells. Southern Ontario Gene Therapy Meeting, Cambridge, ON.
 101. Ellis J., N. Farra, A. Cheung, P. Pasceri, U. Djuric and A. Hotta. 2009. EOS lentivector selection of mouse and human Rett Syndrome IPS cells. ASGT San Diego. Oral presentation by J. Ellis.
 102. Rival-Gervier S., and J. Ellis. 2009. The D4Z4 insulator protects retrovirus vectors from silencing in stem cells. ASGT San Diego.

103. Cheung A., A. Hotta, T. Thompson, J. Ellis. 2009. Generation of patient-derived induced Pluripotent Stem cells to model human Rett Syndrome. Rett Syndrome Symposium, Itasca, IL.
104. Farra N., A. Hotta, P. Pasceri, A. Cheung, J. Ellis. 2009. Induction of pluripotent stem cells from *Mecp2*³⁰⁸ mice to model Rett Syndrome. Rett Syndrome Symposium, Itasca, IL.
105. Ellis J., N. Farra, A. Cheung, P. Pasceri, U. Djuric and A. Hotta. 2009. EOS lentivector selection of mouse and human Rett Syndrome IPS cells. Rett Syndrome Symposium, Itasca IL. Oral presentation by J. Ellis.
106. Hotta A., A. Cheung, N. Farra, E. Fussner, U. Djuric, P. Pasceri, D. Bazett-Jones and J. Ellis. 2009. EOS lentiviral enrichment of human and mouse iPS cells for disease and chromatin ultrastructural studies. ISSCR Barcelona Spain.
107. Lo M.Y.M., A. Hotta and J. Ellis. 2009. Transcriptional noise of retroviral transgenes in embryonic stem cells. Insem Workshop on "Functional organization of genomes in the nucleus: from molecular to in vivo approaches". St Raphael, France.
108. Fussner E., U. Djuric, A. Hotta, M. Strauss, J. Ellis and D.P. Bazett-Jones. 2009. Does constitutive heterochromatin need the 30-nm chromatin fibre. Asilomar Chromosome and Chromatin Conference. Monterey, CA.
109. Farra N., W. Zhang, A. Hotta, P. Pasceri, A.Y.L. Cheung, M.W. Salter and J. Ellis. 2009. Inducing pluripotent stem cells from *Mecp2*³⁰⁸ mice to model Rett syndrome. American Society of Stem Cell Biology 49th Annual Meeting. San Diego CA.
110. Djuric U., E. Fussner, A. Hotta, D. P. Bazett-Jones, J. Ellis. 2009. Chromatin reorganization is associated with induced pluripotency. Stem Cell Network AGM. Montreal, PQ. Oral presentation by U. Djuric.
111. Farra N., W. Zhang, A. Hotta, P. Pasceri, A.Y.L. Cheung, M.W. Salter and J. Ellis. 2009. Inducing pluripotent stem cells from *Mecp2*³⁰⁸ mice to model Rett syndrome. Stem Cell Network AGM. Montréal PQ.
112. Djuric U., E. Fussner, A. Hotta, D. P. Bazett-Jones, J. Ellis. 2010. Constitutive heterochromatin decompaction is associated with late stages of induced reprogramming. Great Lakes Mammalian Development meeting. Toronto ON. Oral presentation by U. Djuric.
113. Wong A.P., T. Thompson, J. Rossant and J. Ellis. 2010. Generation of induced pluripotent stem cells from patients with cystic fibrosis. Great Lakes Mammalian Development meeting. Toronto, ON.
114. Farra N., W. Zhang, A. Hotta, P. Pasceri, A.Y.L. Cheung, M.W. Salter and J. Ellis. 2010. Inducing pluripotent stem cells from *Mecp2*³⁰⁸ mice to model Rett syndrome. Great Lakes Mammalian Development meeting. Toronto, ON.
115. Cheung A., A. Hotta, T. Thompson, J. Ellis. 2010. Induced Pluripotent Stem cells from Rett Syndrome patients. Great Lakes Mammalian Development meeting. Toronto, ON.

116. Woltjen K., T. Thompson, M. Alvarez, W. Chang, K. Garcha, A.Y.L. Cheung, A. Hotta, J. Rossant, W.L. Stanford and J. Ellis. 2010. The Ontario Human iPSC Facility: Establishing Reprogramming Resources and Services. Great Lakes Mammalian Development meeting. Toronto ON.
117. Rival-Gervier, S, S. Anderson, M.Y.M. Lo, P. Pasceri, J. Ellis. 2010. The D4Z4 Insulator Protects Retrovirus Vectors from Silencing in Stem Cells. ASGCT 13th Annual Meeting, Washington, DC. US. Oral presentation by S. Gervier.
118. Lo, M.Y.M., A. Hotta, S. Rival-Gervier, J. Ellis. 2010. Transcriptional Pulsing of Retroviral Transgenes in Mouse Embryonic Stem Cells. ASGCT 13th Annual Meeting, Washington, DC. US.
119. Farra N., W. Zhang, A. Hotta, P. Pasceri, A.Y.L. Cheung, M.W. Salter and J. Ellis. 2010. Inducing pluripotent stem cells from Mecp2308 mice to model Rett syndrome. ISSCR Annual Meeting. San Francisco.
120. Lo M.Y.M., A. Hotta, S. Rival-Gervier, and J. Ellis. 2010. Transcriptional Pulsing of Retroviral Transgenes in Mouse Embryonic Stem Cells. ISSCR 8th Annual Meeting. San Francisco, US.
121. Wong A.P., T. Thompson, J. Ellis, J. Rossant. 2010. Generation of Induced Pluripotent Stem Cells from Patients with Cystic Fibrosis. ISSCR 8th Annual Meeting, San Francisco, US.
122. Djuric, U., E. Fussner, A. Hotta, C. Perez-Iratxeta, F. Lanner, F. J. Dilworth, D. P. Bazett-Jones, J. Ellis. 2010. Heterochromatin reorganization of 10 nm fibers is associated with late stages of iPS cell reprogramming. ISSCR annual meeting. San Francisco, CA. Poster presentation by U. Djuric
123. Farra N., W. Zhang, A. Hotta, P. Pasceri, A.Y.L. Cheung, M.W. Salter and J. Ellis. 2010. Inducing pluripotent stem cells from Mecp2308 mice to model Rett syndrome. Rett Syndrome Symposium. Virginia. US.
124. Cheung A., N. Farra, W. Zhang, P. Pasceri, T. Thompson, A. Hotta, M.W. Salter and J. Ellis. 2010. Patient and mouse iPS cells to study Rett Syndrome. Rett Syndrome Symposium. Virginia, US. Oral presentation by A. Cheung.
125. Lo M.Y.M., A. Hotta, S. Rival-Gervier, and J. Ellis. 2010. Transcriptional Pulsing of Retroviral Transgenes in Mouse Embryonic Stem Cells. 9th EMBL Conference Transcription and Chromatin. Heidelberg, Germany.
126. Farra N., W. Zhang, A. Hotta, P. Pasceri, A.Y.L. Cheung, M.W. Salter and J. Ellis. 2010. Inducing pluripotent stem cells from Mecp2308 mice to model Rett syndrome. Annual Regenerative Medicine Symposium. Toronto ON. Oral presentation by N. Farra.
127. Djuric U., E. Fussner, A. Hotta, D. P. Bazett-Jones, J. Ellis. 2010. Chromatin structure reorganization is a biomarker of successful somatic cell reprogramming. Annual Regenerative Medicine Symposium. Toronto, ON. Oral presentation by U. Djuric.

Patents issued

1. SickKids Hospital (Toronto) on behalf of J. Ellis. 2002. Hybrid nucleic acid molecules and vectors including β -globin regulatory elements. US patent 6,524,851 issued Feb 25, 2003.

Patents filed

1. SickKids Hospital (Toronto) on behalf of J. Ellis, D. Mager and A. Hotta. 2008. Stem cell expression cassettes. US patent filed Feb 29, 2008 (US Provisional Patent Application No. 61/064,366). A Canadian patent application was also filed on March 6, 2008 (Canadian Patent Application No. 2,621,155)