Curriculum vitae

Date Prepared:	May 5, 2020
Name:	**Berge A. Minassian, MD CM,**
Office Address:	2350 Stemmons Fwy., Suite 5400, Dallas, Texas 75207
Work Phone:	214-456-1710
Work E-Mail:	berge.minassian@utsouthwestern.edu
Work Fax:	214-456-5210
Place of Birth:	Beirut, Lebanon

Education

1984 - 1987	B.Sc.	Biology	American University of Beirut, Beirut, Lebanon,
1985 - 1995	M.D.		McGill University, Montreal, Quebec

Postdoctoral Training

1992 - 1993	Internship	General Internal Medicine	University Health Network Toronto, Ontario
1993 - 1996	Residency	Adult Neurology	Veterans Administration West Los Angeles Medical Centre Los Angeles, California
1996 - 1997	Clinical Fellow	Paediatric Neurology and Epileptology	The Hospital for Sick Children, University of Toronto Toronto, Ontario
1997 - 1998	Post-Doctoral Fellow	Molecular Neurogenetics	Research Institute, The Hospital for Sick Children, University of Toronto Toronto, Ontario
1998 - 2002	Scientist-track investigator	Molecular Genetics	Research Institute, The Hospital for Sick Children, University of Toronto Toronto, Ontario

Current Licensure and Certification

Licensure

1997 - present	FRCP (C) Neurology – Ontario, Canada
1993	Medical License – California - inactive
1991 - present	General Practice License – Ontario, Canada

Board and Other Certification

1997	American Board of Psychiatry and Neurology with Special Competence in Neurology

Honors and Awards

2016	1st Prize Poster Presentation, Primary Supervisor to Samyuktha Movva	IMS SURP (Summer Undergraduate Research Program)
2015	George Karpati Award	Muscular Dystrophy Canada
2015	Faculty Spotlight Series, (highlighting groundbreaking research undertaken at the IMS)	University of Toronto, Institute of Medical Science
2014	Norman Saunders International Research Prize	Jacob's Ladder
2013	Leadership Award in E-Infrastructure in recognition of outstanding leadership in research and innovation in Ontario	Ontario Research and Innovation Optical Network (ORION)
2012	Michael Bahen Chair in Epilepsy Research	University of Toronto
2012	Poster Presentation Honorable Mention Primary supervisor to Tony Wang	IMS SURP (Summer Undergraduate Research Program)
2012	Genetics and Genome Biology Best Poster Award, Primary Supervisor to Julie Turnbull	G&GB Retreat
2011	Benjamin Boshes Memorial Lectureship, Keynote Speaker	Israeli Neurological Association Annual Meeting
2011	1st Place winner for the category of PhD Student, Primary Supervisor to Julie Turnbull	Laurence E. Becker Symposium
2011	Exceptional Trainee Award, Primary Supervisor to Julie Turnbull, recipient	Genetics & Genome Biology
2011	"Prichard Day Award" Supervisor to Reem Al-Khater, recipient	Division of Neurology
2010	Best Poster Presentation Award Primary supervisor to Tony Wang	SSuRe (SickKids Summer Research Program)
2010	Late Breaking Science Abstract, Primary Supervisor to Julie Turnbull, recipient	American Academy of Neurology
2010	"Laidlaw Prize" for outstanding scientific manuscript, basic science category, Primary Supervisor to Jennifer Rilstone, recipient	The Institute of Medical Science
2010	Summer Research Award, Primary Supervisor to Nyrie Israelian	University of Toronto Institute of Medical Science
2009	Physician Researcher Award	University of Toronto, Dept. of Pediatrics
2009	Semi-Finalist Award, Primary Supervisor to Julie Turnbull	American Society of Human Genetics

2009	Research Training Centre Trainee Travel Award, Primary Supervisor to Julie Turnbull	The Hospital for Sick Children
2008	Sanofi Pasteur Research Award	Canadian Paediatric Society
2007	Dreifuss-Penry Epilepsy Award	American Academy of Neurology
2007-2008	Entry Award Winner, Primary Supervisor to Jennifer Rilstone	IMS
2006	John Stobo Prichard Award	Intl Child Neurology Association
2006	Canada Research Chair	Pediatric Neurogenetics
2006	Summer Research Scholarship, Primary Supervisor to Gevork Mnatzakanian	University of Toronto
2006	Distinction in Research Award Winner, Primary Supervisor to Ray Guo	CREMS
2005	Ted Hall Award, Best Biology Paper	Microscopy Society of America
2005	Summer Research Award, Primary Supervisor to Gevork Mnatzakanian	U of T Institute of Medical Science
2005	Summer Student Research Day Winner, Primary Supervisor to Gevork Mnatzakanian	University of Toronto Institute of Medical Science
2005	Samuel Lunenfeld Summer Student Poster Presentation Day winner, Primary Supervisor to Ray Guo	XMEA
2005	Undergraduate Research Award, Primary Supervisor to Gevork Mnatzakanian	NRW
2004	Certificate of Appreciation	International Rett Syndrome Association
2004	Certificate of Appreciation	Canadian Angelman Syndrome Society
2002	Certificate of Appreciation	Batten's Disease Research and Support Association
2002	Certificate of Appreciation	Canadian Angelman Syndrome Society
1998	Certificate of Appreciation	Canadian Angelman Syndrome Society
1997	Certificate of Appreciation	Angelman Syndrome Foundation
1996	Young Investigator Award	American Epilepsy Society
1995	Certificate of Appreciation	Angelman Syndrome Foundation
1987	Gertrude and Charles Clark Cancer Research Fellow	Jewish General Hospital, McGill University
1987	First on Dean's Honors' List	American University of Beirut

Faculty Academic Appointments

2017 - present	Professor	Pediatric Neurology	UT Southwestern Medical Center, Dallas, TX
2017 - present	Adjunct Professor	Paediatrics (Neurology)	University of Toronto
2013 - 2017	Professor	Paediatrics (Neurology)	University of Toronto
2006 - 2013	Associate Professor	Paediatrics and Neurology	University of Toronto, Toronto, Ontario
2004 - 2007	Associate Member		Institute of Medical Sciences, Toronto, Ontario
1998 - 2006	Assistant Professor	Paediatrics and Neurology	University of Toronto, Toronto, Ontario

Appointments at Hospitals/Affiliated Institutions

Past			
2010 - 2017	Senior Scientist	Program in Genetics and Genome Biology	Research Institute, The Hospital for Sick Children, Toronto, ON
2002 - 2010	Scientist	Program in Genetics and Genome Biology	Research Institute, The Hospital for Sick Children, Toronto, ON
Current			
2017 - present	Staff	Pediatric Neurology	William P. Clements Jr. University Hospital, Dallas, TX
2017 - present	Staff	Adult Neurology	Zale Lipshy University Hospital Dallas, TX
2017 - present	Staff	Pediatric Neurology	Children's Health, Children's Medical Center, Dallas, TX
2017 - present	Staff	Pediatric Neurology	Children's Health, Children's Medical Center, Plano, TX
2017 - present	Staff	Pediatric Neurology	Parkland Health & Hospital System
2017 - present	Staff	Pediatric Neurology	Texas Health Resources, Dallas, TX
2017 - present	Adjunct Scientist	Program in Genetics and Genome Biology	Research Institute, The Hospital for Sick Children, Toronto, ON
1998 - present	Staff	Paediatric Neurologist	The Hospital for Sick Children, Toronto, ON

Other Professional Positions [Industry, foundation, private practice]

Year(s)	Position Title	Institution

Major Administrative/Leadership Positions

2016 – present	Founding member, Center for Cerebrovascular Disorders in Children	Children's Health
2015	Member, CIHR grant review for the Institute of Mental Health and Addiction	Canadian Institutes of Health Research
2013	Grant Review Panel Member, Synthetic and Biological Chemistry Study Section	National Institutes of Health (NIH)
Sept 2009-2011	Member, Institute of Genetics regular cycle grant panel	Institute of Genetics
2009	Symposium co-chair on the Progressive Myoclonus Epilepsies	Mariani Foundation

2005	Present Scientific Advisory Board, Member	Adult Polyglucosan Body Disease Research Foundation
2005	Present Board Member	Armenian Medical International Committee
2003	Present Grant Review Panel Member	Armenian National Science and Education Fund
2001-2005	Chairman of the Board	Armenian Canadian Medical Association of Ontario

Committee Service

UTSW		

Hospital/University

2015	Selection Committee, member	27th annual Andrew Sass-Kortsak Award
2013	Garron Cancer Chair Selection Committee	The Hospital for Sick Children, Division of Oncology
2011	Division Head Search Committee, member	The Hospital for Sick Children, Division of Clinical and Metabolic Genetics
2011	Grant Review Committee, member (Dr. R. Weksberg)	The Hospital for Sick Children
2011	Grant Review Committee, member (Dr. Paul Arnold)	The Hospital for Sick Children
2009, 2011	CARMS - Selection Committee member, and in charge of applicant research dossiers	University of Toronto
2009	Molecular Structure and Function Review Committee, member	The Hospital for Sick Children
2009	Enhanced Billing Committee, member	The Hospital for Sick Children
2009	12 Year External Review Committee, member	The Hospital for Sick Children, Division of Nephrology
2007	Metabolic Search Committee, member	The Hospital for Sick Children
2007	External Review Committee, member	The Hospital for Sick Children, Division of Gastroenterology, Hepatology and Nutrition
2005 - present	Faculty of Medicine Research Grants Committee, Member	University of Toronto
2004 - present	Research Advisory Committee, member	The Hospital for Sick Children, Department of Paediatrics
2004 - present	Epilepsy Research Program Lecture Series, Chairman	University of Toronto
2004 - present	Institute of Medical Science, Summer Research Poster and Platform Judge	University of Toronto
2003 - present	Epilepsy Research Program, Founding Board Member	University of Toronto

2003 - present	Institute of Medical Science, re-class examinations, Associate Graduate Faculty	University of Toronto
2003 - 2004	Annual Retreat Committee, organizer	The Hospital for Sick Children, Division of Neurology
2002 - present	Scientific Peer Review Committee, chairman	The Hospital for Sick Children, Division of Neurology
2002 - present	Restricted Funds Committee, member	The Hospital for Sick Children, Division of Neurology
2002 - 2003	Annual Retreat Committee, member	The Hospital for Sick Children, Brain and Behaviour Program
2001 - present	Epilepsy Journal Club Committee, chairman	The Hospital for Sick Children, Division of Neurology
2000 - 2003	Resident Selection Committee, member	The Hospital for Sick Children, Division of Neurology
1998 - 2002	Bloorview Epilepsy Research Program, member	Bloorview MacMillan

National/International

2015	Epilepsy Transition Working Group, member	Critical Care Services Ontario (CCSO)
2014	Grant Review Committee, member (Dr. James Dowling – "Regulators of PI3P metabolism in skeletal muscle development and as modifiers of myotubular myopathy")	
2010	Grant Review Committee, member (Dr. R. Schachar – "Early origins of addiction")	
2010	Grant Review Committee, member (Dr. D. Andrade – "Deep brain stimulation for the treatment of severe myoclonic epilepsy of infancy [SMEI or Dravel Syndrome]")	
2010	Grant Review Committee, member (Dr. S. Scherer – "Canadian Informatices and Medical Sequencing Initiative [CIMSI]")	
June 2009	Organizing Committee, International Conference of XMEA, Member	European Neuromuscular Centre
Nov 2008 - Nov 2009	Grant Review Committee, Member	Canadian Institutes of Health Research
2005 - 2006	Grant Review Committee, Member	Telethon Italy
2002	Grant Review Committee, Member	Telethon Italy
1998 – present	Ad-hoc Grant Review Committee, member (50 to date)	

Professional Societies

American Academy of Neurology, member
American Academy of Neurology, Neurogenetics Section - Founding Member
American Epilepsy Society, member
American Epilepsy Society, Genetics Section, member
American Society of Human Genetics, member
Canadian Congress of Neurological Science, member
Canadian Medical Association, member
College of Physicians and Surgeons of Ontario, member
Ontario Medical Association, member
Royal College of Physicians and Surgeons Canada, member
Scientific Advisory Committee: Angelman Syndrome Foundation (USA), member
Scientific Advisory Committee: Canadian Angelman Syndrome Society, member
Society for Pediatric Research, member
University of Toronto Epilepsy Research Program, member

Committees

Fellowships

Editorial Activities

Year(s)	Journal Name
Editor/Associate Editor	
Editorial Board	
Ad Hoc Reviewer	

Grant Review Activities

1998 - present	*Ad-hoc* Grant Peer Review Committees (50 to date)	Research Institute, The Hospital for Sick Children, Toronto, Canada

Current Grant and Contract Support

Present

2016 - 2021	Grant # 1P01NS097197-01. National Institutes of Health. Lafora Epilepsy – Basic mechanisms to therapy. Role: Co-PI, Co-PI: Gentry MS Co-applicants: Roach P, Guinovart J ($1,686,879)

Past

2016 - 2017	University of Toronto, McLaughlin Centre. Identifying genetic bases of intractability in epilepsy. Role: PI ($75,000)
2014 - 2019	The Ontario Brain Institute New approaches to intractable epilepsy: Phase II of The Epilepsy Discovery Project. Role: PI ($250,000)
2014 - 2019	The Ontario Brain Institute. EpLink: Phase II of The Epilepsy Discovery Project Genetic Database. Role: PI ($500,000)
2013 - 2017	Genome Canada. Personalized medicine for the treatment of epilepsy. Role: Co-PI, Co-PI's: Cossette P and Michaud J. ($11,000,000)
2015 - 2016	University of Toronto, McLaughlin Centre. Identifying genetic bases of intractable epilepsy. Role: PI ($75,000)
2014 - 2015	University of Toronto, McLaughlin Centre. Identification of genes involved in epilepsy and epilepsy pharmacoresistance. Role: PI ($75,000)
2013 - 2014	McLaughlin Centre Accelerator Grants in Genomic Medicine. Identifying the genes and underlying causes for intractable epilepsies by next generation sequencing. Role: Co-PI, Co-PI: Mahmutoglu S ($75,000)
2013 - 2016	The W. Garfield Weston Foundation – Brain Canada Multi-Investigator Research Initiative (MIRI). Carrier mediated delivery of therapeutic proteins into the brain. Role: Co-PI, Co-PI: Melnyk R. ($1,500,000)
2012 - 2013	University of Toronto McLaughlin Centre. Identifying the genes for the prototypical and most common generalized and focal epilepsies of children through whole genome sequencing. Role: PI ($50,000)

2012 - 2016 (renewable) University of Toronto Michael Bahen Chair in Epilepsy Research Endowment.
University of Toronto Advancement Office
Role: PI
($425,000)

2012 Canadian Institutes of Health Research. Epilepsy Genetics: Seizing the Advances. A Plenary Session of the 2012 Canadian League Against Epilepsy Meeting.
Role: PI
($17,175)

2012 A Plenary Session of the 2012 Canadian League Against Epilepsy Meeting. UCB Pharma. Epilepsy Genetics: Seizing the Advances.
Role: PI
($10,000)

2012 - 2014 The Adult Polyglucosan Body Disease Research Foundation. Curing Adult Polyglucosan Body Disease in Mouse.
Role: PI
($35,000 USD)

2012 - 2013 Chelsea's Hope Lafora Disease Research Foundation. Small molecule therapy for Lafora disease.
Role: PI
($100,000)

2011 - 2012 University of Toronto McLaughlin Centre. Identifying Juvenile Myoclonic Epilepsy Genes Through Whole Exome Sequencing in Large Families.
Role: Co-PI, PI: Andrade DM
($50,000)

2011 - 2013 Physician's Services Incorporated Foundation. Genetic Causes of Temporal Lobe Epilepsy.
Role: Co-PI, PI: Andrade DM
($168,500)

2011 - 2012 Italian Lafora Disease Association. Curing Lafora disease.
Role: Co-PI
($40,000)

2011 - 2013 The Ontario Brain Institute. New approaches to intractable epilepsy: The Epilepsy Discovery Project.
Role: PI
($75,073)

2009 - 2011 International Rett Syndrome Foundation. Comparative Functional Studies of the Two MeCP2 Isoforms, MeCP2e1 and MeCP2e2.
Role: Co-PI, PI: Vincent J
Collaborator: Frankland P
($100,000)

2008 - 2013 Canadian Institutes of Health Research. Characterization of genetic and molecular mechanisms underlying infantile spasms.
Role: Co-PI, PI: Osborne L
($549,785)

2007 - 2012 Canadian Institutes of Health Research. Unravelling the pathogenesis of the autophagic vacuolar myopathies.
Role: PI
Collaborators: Ackerley C, Manolson MF
($779,395)

2006 - 2011 Canadian Institutes of Health Research. Molecular Basis of Lafora Bodies (Starch formation in the Brain) and Lafora's Progressive Myoclonus Epilepsy.
Role: PI
Collaborators: Ackerley CA, Scherer SW, Lohi H.
($837,080)

2006 - 2011 Canada Research Chairs Program. Identification of genetic causes of pediatric neurological conditions and using these to uncover the cellular pathways involved and to determine the ways in which they are disturbed.
Role: PI
($478,585)

2005 - 2006 King Charles Spaniel Kennel Club. Genetics of Syringohydromyelia in the Cavalier King Charles Spaniel.
Role: PI
($9,675)

2004 - 2006 Rett Syndrome Research Foundation. Generation and Characterization of Mice with Isoform-Specific Mecp2 Deficiency.
Role: PI
($121,170)

2002 - 2003 Canadian International Development Agency. Commercial applications of gene discovery in the progressive myoclonus epilepsies: From clinical and prenatal diagnosis to protein replacement therapy.
Role: PI
($30,000)

2002 - 2003 The Hospital for Sick Children Foundation - Muscular Dystrophy Research. The search for the X-linked Myopathy with Excessive Autophagy Gene.
Role: PI
($40,000)

2003 - 2006 Canadian Institutes of Health Research - Neuromuscular Research Partnership. Unraveling the causative defect in x-linked myopathy with excessive autophagy.
Role: PI
($310,665)

2001 - 2006 Canadian Institute of Health Research. Molecular Genetics and Functional Studies in Lafora's Progressive Myoclonus Epilepsy.
Role: PI
Collaborator: Scherer SW
($804,280)

2000 - 2001 Canadian International Development Agency. Disease study through the isolation of interacting proteins for epilepsy genes and chromosome mapping.
Role: Co-PI, PI: Scherer SW
($15,000)

2000 - 2001	Bloorview Epilepsy Research Program. Protein replacement therapy for the Progressive Myoclonus Epilepsies. Role: PI ($25,000)
1987 - 1988	Gertrude and Charles Clarke Cancer Research Foundation, Jewish General Hospital. tRNA anti-codon changes and carcinogenesis. Role: Co-PI, PI: Parniak M Collaborator: Kleiman L ($10,000)
1996 - 1997	Angelman Syndrome Foundation. The epilepsy of Angelman syndrome and its genes. Role: PI ($10,000)
1990	McGill University Medical Student Summer Research Program. Specificities of various steroids to rat hippocampal receptors. Role: Co-PI, PI: Meaney M Collaborators: Pearson-Murphy B ($3,000)

Clinical Trials Activities

Present	*Grantor:*
	Title of Project:
	Role (Principal Investigator, Co-Investigator):

Past	*Grantor:*
	Title of Project:
	Role (Principal Investigator, Co-Investigator):

Teaching Activities

Medical and graduate school didactic and small group teaching	
Dissertation committees	
Qualifying examination committees	

Committees concerned with medical and graduate student education	
Graduate student rotations	
Medical student rotations	
Graduate student trainees	
Postgraduate medical education (graduate & continuing medical education)	

Postdoctoral trainees

2015-present	Lori Israelian, MSc candidate
2015-present	Rubina Dad, PhD candidate
2015-present	Mitchell Sullivan, Post-Doctoral Research Fellow
2015-present	Saija Ahonen, Post-Doctoral Research Fellow
2015-presenet	Silvia Nitschke, Post-Doctoral Research Fellow
2015	Mariam Tashkandi, MSc Graduate
2014-present	Erin Chown, MSc candidate
2014	Cyrus Boelman, Clinical Research Fellow
2013-present	Felix Nitschke, Post-Doctoral Research Fellow
2012-2015	Mariam Tashkandi, MSc candidate
2012	Julie Turnbull, Post-Doctoral Research Fellow
2011	Jennifer Rilstone, MSc Graduate
2008-2009	Peter Gianakopoulos, Post-Doctoral Research Fellow
2007-2011	Jennifer Rilstone, MSc candidate
2006-2008	Yuzhi Zhang, Post-Doctoral Research Fellow
2005-2012	Julie Turnbull, PhD candidate
2005-2012	Nivetha Ramachandran, Post-Doctoral Research Fellow
2005-2008	Iulia Oprea, PhD candidate
2005-2008	Jean-Marie Girard, Post-Doctoral Research Fellow
2003-2006	Hannes Lohi, Post-Doctoral Research Fellow
2000-2004	Elayne Chan, Post-Doctoral Research Fellow
2000-2003	Danielle Molinari, PhD candidate
1998-2004	Leonarda Ianzano, Post-Doctoral Research Fellow

Invited Lectures

International

12/12-15/19	Polyglucosan body formation in Lafora disease.	European Neuro Muscular Centre International Workshop, Amsterdam, The Netherlands
9/9-12/19	Progress in Lafora disease.	5th International Lafora Workshop, Alcala, Spain
8/31-9/2/19	Glycogen metabolism in the brain.	King Abdullah University of Science and Technology Bioscience Lecture Series, Thuwal Saudi Arabia
5/26-28/19	Gene Therapy is here.	International Epilepsy Colloquim, Lyon, France
5/23-26/19	Epilepsy in Lafora disease.	Giornate di Studio Sull'eccitabilitá Neuronale, Anno XVI, Bucine (Arezzo) Italy
5/18/19	Gene therapy for epilepsy treatment.	Epilessie Genetiche: Verso una Terapia de Precisione Seminario Specialistico, Bologna, Italy
12/13-19/18	Pathogenesis of Lafora Disease.	American University of Beirut, Beirut, Lebanon
11/2/18	The Lafora type of progressive myoclonic epilepsy – soon to be a curable condition?	German Congress of Neurology, Berlin, Germany
5/24-27/18	Epileptogenesis in Lafora Disease.	Italian Annual Journal Club, Study Days on Neuronal Excitability, San Terenziano, Italy
5/18-23/18	Update on Lafora disease.	Italian Lafora Disease Association, Instituto G. Gaslini, Genova, Italy
4/27-28/18	Lafora and NCL: Cures at last?	SENP Meeting, European Society of Pediatric Neurology, Barcelona, Spain
10/16/16	Cures for the Epilepsies.	Canadian League Against Epilepsy, Quebec City, PQ, Canada
8/23/16	How to Become a Clinician-Scientist.	The Hospital for Sick Children, Resident Teaching, Neurology Research Tools Course, Toronto, Canada
2/10/16	Role of Development in Epilepsy.	NeuroDevNet (Canadian Network of Centres of Excellence) Research in Neurodevelopmental Disorders Course NDN102, Webinar, telecast live to Banff Winter Institute
1/22/16	Lafora Disease: a disease of dogs that also occurs in humans.	UK Kennel Club, London, UK
1/20/16	Guest Lecturer, Genetics of Epilepsy.	University of Toronto, IMS Molecular Medicine in Human Genetic Disease Course, Toronto, Canada
1/16/16	Antisense Oligonucleotide Therapy for Lafora Disease and The Genome Canada Epilepsy Genomics Project	Ontario Brain Institute EPLink Annual Workshop, Toronto, Ontario
11/30/15	Industry Partnerships and Commercialization – Building Successful Industry Partnerships: Hear from your Peers.	The Hospital for Sick Children, Research Faculty Development Seminar, Toronto, CA
10/3/15	New Drugs for Lafora Disease.	University of Toronto, Canadian Epilepsy Research Initiative Annual Meeting, Toronto, Canada

7/22/15	Genetics of the Epilepsies.	The Hospital for Sick Children Neurology Grand Rounds, Toronto, Canada
1/13/15	Guest Lecturer.	University of Toronto, 4th Year Advanced Neurobiology Course, Toronto, Canada
11/20/14	What happens to the Brain when it makes starch?	University of Guelph, Department of Molecular and Cell Biology, Distinguished Guest Speaker, Guleph, ON, Canada
11/8/14	The role of brain development in genetic epilepsies.	Canadian College of Medical Genetics, 38th Annual Scientific Meeting, Vancouver, BC
10/29/14	Genetics of Epilepsy. Guest lecturer.	University of Toronto, IMS Molecular Medicine in Human Genetic Disease Course, Toronto, Canada
7/29/14	Translational to the lab and back: The story of one clinician.	The Hospital for Sick Children, Neurology Research Tools Course, Toronto, Canada
7/4/14	Two human diseases with starch-like brain accumulations.	Society for Experimental Biology, Annual Meeting, Manchester UK
3/14/14	Curing the Rett Syndrome Mouse Model with AAV9.	The Hospital for Sick Children, Genetics and Genome Biology Journal Club, Toronto, Canada
3/14/14	The Progressive Myoclonic Epilepsies.	University of Toronto Adult Neurology Half Day, Toronto, Canada
2/5/14	Grand Rounds, Lafora Disease – From Genes to Therapy.	The Hospital for Sick Children, Dept. of Paediatrics, Toronto, Canada
2/4/14	Guest Lecturer.	University of Toronto, 4th Year Advanced Neurobiology Course, Toronto, Canada
12/21/13	What happens to the Brain when it makes starch?	The Hospital for Sick Children Research Institute, Genetics and Genome Biology Seminar, Toronto, Canada
10/30/13	Guest Lecturer.	University of Toronto, IMS Molecular Medicine in Human Genetic Disease Course
10/7/13	Guest Lecturer.	University of Toronto, 4th Year Advanced Neurobiology Course
9/18-19/13	Case Presentations in Stroke.	Yerevan State Medical University, Stroke Conference, Organizer and Plenary speaker, Armenia
9/16/13	Epilepsy Surgery, a view from Canada.	Caucasian Summer School in Epilepsy, Plenary speaker, Dilijan, Armenia
9/15/13	The New Horizon of the Armenian Medical International Committee.	Armenian-Russian Medical Association Conference, Plenary speaker, Moscow, Russia
5/1/13	Progressive Myoclonus Epilepsy.	The Hospital for Sick Children, Resident Teaching Rounds, Toronto, Canada
3/26/13	The EEG features of Angelman and Panyatopoulos Syndromes.	The Hospital for Sick Children, EEG Seminar, Toronto, Canada
3/3/13	Keynote Speaker "The Genetics of the Epilepsies."	The Hospital for Sick Children, Epilepsy Family Education Day 2013, Toronto, Canada
1/30/13	Researchers pinpoint gene behind rare disorder in kids, treat successfully.	Global News (television spot)
1/30/13	Canadians uncover cause of rare children's disease.	The Globe and Mail

12/7-8/12	Neurogenetics.	University Sao Paolo, University of Toronto Neuroscience Conference, San Paolo, Brazil
7/27/12	The Epilepsy of Angelman Syndrome.	Alberta Children's Hospital, Genetics Grand Rounds, Calgary, Alberta
7/26/12	Epilepsy and Seizures in Angelman Syndrome, and Sleep in Angelman Syndrome.	Canadian Angelman Syndrome Society, Plenary Session speaker, Calgary, Alberta, Canada
6/15/12	Progressive Myoclonus Epilepsy.	The Hospital for Sick Children, Neurology Residents Half Day Teaching, Toronto, Canada
5/7/12	Lafora Disease 101 years after Lafora: where most is revealed.	Montreal Children's Hospital, Paediatric Neurology Grand Rounds, Montreal, Canada
4/30/12	Genetics of Epilepsy.	Canadian Gene Cure Foundation, Canadian Human and Statistical Genetics Meeting, Plenary Speaker, Niagara-on-the-Lake, ON
3/21/12	Progressive Myoclonus Epilepsy.	The Hospital for Sick Children, Neurology Residents Lecture Series, Toronto, Canada
3/9/12	A new movement disorder, its gene, and its cure.	The Hospital for Sick Children Research Institute, Genetics and Genome Biology Retreat, Canada
3/9/12	Epilepsy Genetics.	The Hospital for Sick Children, Department of Paediatrics, annual Paediatric Update, Toronto, Canada
3/8/12	Adult Neurology Rounds, Vacuolar Myopathy.	St. Michael's Hospital
12/1-4/11		Israeli Neurological Association Annual Benjamin Boshes Lecturer. Keynote Speaker
11/8/11	Neurogenetics: Recent Breakthroughs and Future Directions.	The Hospital for Sick Children, Annual Neuroscience Day, Toronto, Canada
9/22/11	Genetics Grand Rounds, The Genetic Epilepsies and Genetics of the Epilepsies.	The Hospital for Sick Children, Toronto, Ontario, Canada
7/7-9/11	The roles of MRI and PET Scanning in Childhood Neurological Disease.	International Medical Congress of Armenia, Keynote speaker, Yerevan, Armenia
7/4-7/11	Advances in Progressive Myoclonus Epilepsy.	The Hospital for Sick Children's "Schwartz-Reisman Visiting Scholar in Israel Program", Sheba Medical Center, Tel Aviv, Israel
7/4-7/11	Infantile Parkinson's Disease: A new disease, its gene and its treatment.	The Hospital for Sick Children's Schwartz-Reisman Visiting Scholar in Israel Program", Sheba Medical Center, Tel Aviv, Israel
4/8/11	Genetic Epilepsies.	The Hospital for Sick Children, Pharmacy Dept., PharmD Teaching Session, Toronto, CA
3/30/11-4/1/11	The Vacuolar ATPase in childhood autophagic disease.	Keystone Symposia on Molecular and Cellular Biology, Whistler, BC
3/11	Pathogenesis of Lafora Bodies and a method to eliminate them.	Institute of Molecular Pathology and Immunology, University of Porto, Portugal. Visiting Professor
11/26/10	Paediatric Epilepsy.	UHN - Neurosurgery Residents Teaching, Toronto, Ontario, Canada

10/28-29/10	Current issues in genetic aspects of epilepsies.	Turkish Epilepsy Society, Erciyes University, Kayseri, Turkey. Keynote Speaker
10/28-29/10	The Progressive Myoclonus Epilepsies.	Turkish Epilepsy Society, Erciyes University, Kayseri, Turkey
5/6/10	The Prototypical Progressive Myoclonus Epilepsies: Lafora and Unverricht Lundborg Disease - Neurogenetics II Session.	XI International Child Neurology Congress, Cairo, Egypt
5/6/10	Session Chair: Neurogenetics II.	XI International Child Neurology Congress, Cairo, Egypt
4/29/10	1. Clinical Features in Human Neuronal Ceroid Lipofuscinosis. 2. In the midst of the storm before the calm: The current turbulent state of knowledge in Lafora Disease. 3. Lafora Disease, a review of basic mechanisms. 4. Lafora Progressive Myoclonus Epilepsy Mutations Database: EPM2A and NHLRC1 (EPM2B) Genes. 5. Molecular Mechanisms in the PMEs. 6. New Perspectives in Therapy (with Dr. A. Delgado-Escueta).	Mariani Foundation, International Symposium, Venice, Italy
4/28/10-5/1/10	"Progressive Myoclonus Epilepsies: PMEs in the New Millennium."	Mariani Foundation, International Symposium, Venice, Italy, Symposium co-organizer
4/28/10	The PME in the post genetic era.	Mariani Foundation, International Symposium, Venice, Italy
4/23/10	X-Linked Myopathy with Excessive Autophagy.	The Hospital for Sick Children, Genetics and Genome Biology and Molecular Medicine Program Retreat, Toronto, Ontario, Canada
4/22/10	Genetic Epilepsies.	The Hospital for Sick Children, Pharmacy Dept., PharmD Teaching Session, Toronto, CA
4/20/10	Genetically down-regulated autophagy causes x-linked myopathy with excessive autophagy - Molecular Pathogenesis of Disease Session.	Canadian Institutes of Health Research, 3rd Annual Canadian Human Genetics Conference, Saint-Sauveur, Quebec, CA
4/1/10	Genetics of the Epilepsies.	The Hospital for Sick Children, Clinical Genetics Dept. - Trainees Academic Half Day, Toronto, Ontario, Canada
11/11/09	Neurology Grand Rounds, X-Linked Myopathy with excessive autophagy: the disease gene and pathogenesis.	The Hospital for Sick Children, Toronto, Canada
10/09	Epilepsy Case Presentations.	Second Caucasian Summer School in Epilepsy, Bazaleti, Georgia

10/09	Genetics of the Epilepsies.	Second Caucasian Summer School in Epilepsy, Bazaleti, Georgia
10/09	Genetics of the Epilepsies.	Yerevan State Medical University, Neurology Grand Rounds, Yerevan, Armenia
10/09	Progress in The Progressive Myoclonus Epilepsies.	Italian League Against Epilepsy, Ascea, Italy. Keynote speaker
10/09	Progress in The Progressive Myoclonus Epilepsies.	Italian League Against Epilepsy, Southern Region Annual Congress, Ascea, Italy. Keynote speaker
10/09	The Progressive Myoclonus Epilepsies.	Second Caucasian Summer School in Epilepsy, Bazaleti, Georgia
6/19/09	1. The history of XMEA, from first cases to disease gene. 2. Clinicopathologic features of XMEA. 3. VMA21 deficiency causes an autophagic myopathy by compromising V-ATPase activity and lysosomal acidification. 4. Pathogenesis of the non-vacuolar features of XMEA. 5. Autophagy and skeletal muscle disease.	European Neuromuscular Centre International Conference on XMEA and Related Vacuolar Myopathies, Amsterdam, Netherlands
6/19-21/09	Organizer and Speaker: X-Linked Myopathies.	European Neuromuscular Centre International Conference on XMEA and Related Vacuolar Myopathies, Amsterdam, Netherlands
5/14/09	Genetics of the Epilepsies.	The Hospital for Sick Children, Toronto, Canada
5/5/09	Genetics in Epilepsy.	University of Toronto Faculty of Pharmacy Students, Toronto Ontario, Canada
5/5/09	Panayiotopoulos Syndrome.	The Hospital for Sick Children - EEG Seminar, Toronto, Ontario, Canada
4/17/09	VMA21 Deficiency Causes an Autophagic Myopathy by Compromising V-ATPase Activity and Lysosomal Acidification.	Canada AM, CTV (television spot)
4/16/09	VMA21 Deficiency Causes an Autophagic Myopathy by Compromising V-ATPase Activity and Lysosomal Acidification.	Global News (television spot)
3/25/09	Genetics in Epilepsy.	The Hospital for Sick Children, Division of Neurology, Resident Teaching, Toronto,CA
10/28/08	Epilepsy Genetics.	Pediatric Neurology Grand Rounds, Alberta Children's Hospital, Calgary, AB
8/23/08	The Orbeli and Epilepsy.	First Caucasian Regional Summer School on Clinical Epileptology, Tsaghkadzor, Armenia

8/20/08	1. Chromosomal Disorders and Epilepsy. 2. Epilepsy Case Discussions II. 3. Progressive Myoclonus Epilepsies.	First Caucasian Regional Summer School on Clinical Epileptology, Tsaghkadzor, Armenia
8/19/08	1. Session Chair: Epilepsy Case Discussions I. 2. GEFS+ and Febrile Seizures. 3. Genetics of the Epilepsies.	First Caucasian Regional Summer School on Clinical Epileptology, Tsaghkadzor, Armenia
5/29/08	Why Starch is Bad for The Brain.	The Hospital for Sick Children, Brain and Behaviour Program Cross Talks, Toronto, Canada
3/5/08	New Frontiers in the field of Myoclonic Epilepsies. "Genetics of EPM1, EPM2 and other Progressive Myoclonus." Epilepsies. Keynote speaker.	Mariani Foundation International Conference on the Genetics of Epilepsy and Genetic Epilepsies, Venice, Italy
3/08	Progress in the Progressive Myoclonus Epilepsies. Keynote speaker.	Italian League Against Epilepsy, Ascea, Italy
2/26/08	Update on Epileptology.	Ontario Rett Syndrome Association, International Conference, Toronto, ON
2/8/08	The Myoclonic Epilepsies. Pediatric and Adult Neurology Rounds.	University of Toronto, Ontario, Canada
1/9/08	Lafora Disease: 100 years after Lafora and 10 years after the first gene.	The Hospital for Sick Children, Neurology Grand Rounds, Toronto, Ontario, Canada
11/26/07	Research Day Session Chair: Complex disease - mechanisms and interventions.	The Hospital for Sick Children, Research Institute, Toronto, Ontario, Canada
11/15/07	Genetics of Epilepsy - Paediatric Neurology Resident Teaching.	The Hospital for Sick Children, Toronto, Ontario, Canada
11/7/07	Sam Darwish Memorial Lecturer.	Alberta Children's Hospital, Calgary
9/28/07	Paediatric Epilepsy and Genetics of Epilepsy.	The Hospital for Sick Children, Epilepsy Teaching Sessions for Neurosurgery Residents, Toronto, ON, Canada
8/1/07	The Genetics of the Epilepsies.	The Hospital for Sick Children, Neurology Resident Teaching Rounds, Toronto, CA
5/31/07	The Genetics of the Epilepsies.	International Brain Research Organization, Toronto, Ontario
5/12/07	1. Innovative Treatments in Unverricht-Lundborg Disease. 2. Lafora Disease in Other Organisms. 3. Formation of Lafora Bodies. Session Organizer. 4. Genotype Phenotype Correlation in Lafora Disease.	Update on Progressive Myoclonus Epilepsies Conference, Sarlat, France

4/24/07	EEG Lecture Series: The features of Angelman Syndrome.	The Hospital for Sick Children, Toronto, Ontario, Canada
4/12/07	Genetics of the Epilepsies - Clinical Genetics Lecture.	The Hospital for Sick Children, Toronto, Ontario, Canada
4/4/07	Glycogen and Lafora Disease.	Guelph University, Guelph, Ontario, Canada
1/31/07	The Pediatric Genetic Epilepsies. Pediatric Grand Rounds.	The Hospital for Sick Children, Toronto, Ontario, Canada
11/10/06	Update on Rett Syndrome Research.	Ontario Rett Syndrome Association, Toronto, Ontario, Canada
11/2/06	Lafora Disease: Are we there yet? Not!	The Hospital for Sick Children, Genetics and Genomic Biology Seminar Series, Toronto, Ontario, Canada
10/27-28/06	Lafora Disease: Are We There Yet?	Scuola Internazionale di Scienze Pediatriche, Instituto G. Gaslini, Genova-Quarto, Italy
10/06	Lafora Disease.	Instituto Neurologico, University Besta, Milan, Italy
10/06	Neurology Grand Rounds.	Credit Valley Hospital, Mississauga, ON
8/23/06	Neurology Grand Rounds. Panayiotopoulos Syndrome.	The Hospital for Sick Children, Toronto, Ontario, Canada
6/06	Recipient, John Stobo Prichard Award, Plenary Session lecture, Pathogenesis of Lafora Disease: Are We There Yet?	International Child Neurology Association, 10th ICNC, Montreal, PQ
4/25/06	The EEG features of Angelman and Panayiotopoulos Syndromes.	The Hospital for Sick Children, Toronto, Ontario, Canada, Children EEG Seminar
2/17-18/06	Generalized Seizures: From Clinical Phenomenology to Underlying Systems and Networks.	Progress in Epileptic Disorders Workshop 2006 (Editors and Scientific Committee of Epileptic Disorders Journal), Rome, Italy
2/4/06	Annals of canine medicine.	The Globe and Mail
12/2/05	How a prokaryotic sequence saves us from starch in the brain, fits, dementia and death.	University of Toronto Neurology Faculty Research Day, Toronto, Ontario, Canada
11/16/05	Lafora pathogenesis.	The Hospital for Sick Children, Neurology Resident Teaching Rounds, Toronto, Canada
11/14/05	How an ancient prokaryotic protein domain protects our brains against starch, fits, dementia and death.	The Hospital for Sick Children, Research Institute, Scientific Retreat Day, Toronto, Canada
8/24/05	Lafora Disease.	The Hospital for Sick Children, Neurology Grand Rounds, Toronto, Canada
7/2/05	His disease doesn't fit; Barrie teenager desperately needs a drug that is only paid for when used for another ailment. It's so hopeless mom says, as family battles system while paying $1,500 a month.	The Toronto Star
6/10/05	Brave wish for a dying girl.	The Record

6/10/05	Brave teen gets wish; British patient meets the Toronto doctor fighting to cure her rare disease. Classmates chip in toward Sick Kids research that offers some hope.	The Toronto Star
6/9/05	British girl gets wish to meet Canadian doctor fighting to cure her rare disease.	Canada AM, CTV (television spot)
6/2/05	We just hope she'll live independently; Therapies can help a lot with debilitating neurological disorder. Children are often misdiagnosed as having autism, cerebral palsy.	The Toronto Star
6/05	Presentation.	Intractable Epilepsy Conference, London, Ontario, Canada
4/19/05	The EEG features of Angelman and Panayiotopoulos Syndromes.	The Hospital for Sick Children EEG Seminar, Toronto, Ontario, Canada
4/14/05	Neurology Grand Rounds.	Credit Valley Hospital, Mississauga ON
2/05	Neurology Grand Rounds.	The Hospital for Sick Children, Toronto, Ontario, Canada
1/05	From Bench to Bedside.	The Hospital for Sick Children, Toronto, Ontario, Canada, Neurology Residents Teaching
10/04	Presentation.	Alpha Amylase International Symposium, Bratislava, Slovakia
9/04	Epilepsy Research Program.	University of Toronto, Toronto, Canada
9/04	Medical Genetics Grand Rounds.	The Hospital for Sick Children, Toronto, CA
9/04	Neurosurgery Residents Lecture.	The Hospital for Sick Children, Toronto, Canada
5/04	Neurology Grand Rounds.	Center Hospitalier de l'Universite de Montreal, Montreal, Canada
5/04	Brain and Behaviour Day.	University of Toronto, Toronto, Canada
5/04	Encephalography Course.	University of Toronto, Toronto, Canada
4/04	Pediatric Update.	University of Toronto, Toronto, Canada
1/04	Presentation.	University of Toronto Epilepsy Research Program, Toronto, Canada
10/03	Presentation.	Canadian Institutes of Health Research Young Investigators' Conference. Lake Simcoe, Ontario, Canada
9/27/03	They found the problem - but how do they fix it? Scientists race to unravel deadly mystery of Amanda Gellel's one-in-a-million disease: Funding difficult for research on rarities.	The National Post
9/8/03	Deadly epilepsy gene identified.	The Calgary Herald
8/9/03	Gene found for deadly form of teenage epilepsy.	The Record
7/03	Presentation.	Armenian Medical World Congress, Yerevan, Armenia

5/03	Presentation.	Association Francophone Pour Le Savoir, Rimouski, Quebec, Canada
4/03	Pediatric Update.	The Hospital for Sick Children, Toronto, Canada
1/03	Neurology Grand Rounds.	University Health Network, Toronto, Ontario
9/02	Neurology Grand Rounds.	American University Hospital, Beirut, Lebanon
9/02	Pediatric Neurology Grand Rounds.	American University Hospital, Beirut, Lebanon
5/10/02	A 22: Gene blamed for type of juvenile epilepsy.	The Toronto Star
10/01	Grand Rounds.	City-wide Neuroscience, Toronto, Canada
1/01	Neurology Grand Rounds.	Trillium Health Sciences Centre, Mississauga, Ontario
12/00	Paediatric Grand Rounds.	The Hospital for Sick Children, Toronto, Ontario
3/00	X-linked Myopathy with Excessive Autophagy.	European Neuromuscular Centre, International Conference, Naarden, The Netherlands

National

3/06/18	Gene Therapy for Epilepsy	Jasper's Basic Mechanisms of Epilepsies Workshop, Yosemite Park, California
11/29/18	The Epilepsy of GAT1 Deficiency.	SLC6A1Connect Roundtable Symposium, New Orleans, Louisiana
9/6-8/18	Update on Lafora Disease Therapy.	4th International Lafora Workshop, San Diego, California
8/29-9/8/18		Ionis Pharmaceuticals/Valerion Clinic Days, San Diego, California.
6/22/16	Progress towards a cure for Lafora disease and APBD.	Ionis Pharmaceuticals Lafora Disease Conference, San Diego, California.
4/19/15	Genetics of Neurological Disease Session, Genetics of Epilepsies.	American Academy of Neurology Annual Meeting, Washington, DC
4/15/15	Progress in APBD Research.	Adult Polyglucosan Body Disease Research Foundation Annual Meeting New York, NY
9/26-10/3/14	The genetics of the epilepsies.	Epilepsy Genetics in the Era of Precision Medicine Conference, Invited Half Moon Bay, California
6/12/14	Lafora disease, Cure around the corner.	Keynote Lecture at the Inaugural Annual International Lafora Disease Conference. San Diego, California
3/1/14	Progress in Lafora Disease.	Veterans Affairs West Los Angeles Department of Neurology, Invited Speaker, Los Angeles, California
12/4/13	Advances towards a Therapy for APBD.	Adult Polyglucosan Body Disease Research Foundation Annual Conference, NY, NY
6/17/13	Lafora disease: the worst of the worst epilepsies; Can we cure it? Pediatric Neurology Grand Rounds.	Yale University School of Medicine, New Haven, CT
3/18/13	Epilepsy Genetics.	American Academy of Neurology Annual Meeting, San Diego, CA
3/19/13	Curing Lafora Disease.	Isis Pharmaceuticals Academic Lecture Series

11/7/12	The 101st Year of Lafora disease, when much is revealed. Clinical Neuroscience Grand Rounds.	Yale University School of Medicine, New Haven, CT
4/6/11	Progress in adult polyglucosan body disease research."	Adult Polyglucosan Body Disease Research Foundation 6th Scientific Medical Advisory Board Meeting, New York, NY, Web Conference
12/22/10	Neurology Grand Rounds, Genetics of the Epilepsies.	Geisinger Health Center, Danville, Pennsylvania
1/20/10	"Genetics of the Epilepsies." Neurology Grand Rounds.	University of Pittsburgh School of Medicine, Pittsburgh, PA
9/29/09	VMA21 deficiency causes an autophagic myopathy by compromising V-ATPase activity and lysosomal acidification.	Tufts Medical School, Integrated Studies Program, Boston, MA
7/2/09	Epilepsy Surgery in the Third World.	10th Armenian Medical Congress, (Armenian American Health Professionals Organization), New York, NY
4/28/09	Hypomorphic Alleles of the VMA21 Gene Downregulates the V-ATPase and Cause X-Linked Myopathy with Excessive Autophagy.	American Academy of Neurology, Platform Presentation, Seattle, Washington
3/09	Progress on an amylase-based treatment of Adult Polyglucosan Body Disease.	Adult Polyglucosan Body Disease Research Foundation, New York, New York
12/12/08	Neurology Grand Rounds, Genetics of the Epilepsies.	West Virginia University, Morgantown, WV
10/10/08	"Genetic Epilepsies". Pediatric Neurology Grand Rounds.	Schneider Children's Hospital, Long Island, NY
4/14/08	Progress Towards Generating a Neuronal Amylase Producing Mouse Model.	Adult Polyglucosan Body Disease Research Foundation Annual Conference, Chicago, IL
2/21/07	Neurology Grand Rounds, Lafora Disease: How man can have starch on the brain.	Weill College, Cornell University, New York, NY
12/20/06	1. Neurology Grand Rounds - Lafora Disease and how the brain makes starch. 2. Professor's Rounds - A case of Parkinsonism with Epilepsy. 3. Resident Teaching Seminar - The Genetics of the Epilepsies.	University of California, Los Angeles, Los Angeles, CA
8/1/06	How Polyglucosans Form and How We Can Eliminate Them.	Adult Polyglucosan Body Disease Conference, New York, NY
5/1-2/06	Dogs, Ultimate Epilepsy Genehounds: Canine Genetics in the Search for Epilepsy Genes.	University of Minnesota, Minneapolis MN
4/1-8/06	Contemporary Clinical Issues. Plenary Session: Lafora Disease.	American Academy of Neurology, 58th Annual Meeting, San Diego, CA

3/24/06	Pathogenesis of Lafora Progressive Myoclonus Epilepsy.	Geisinger Medical Center, Neurology Grand Rounds, Danville, PA
11/28/05	Progress in Lafora Disease.	Indianapolis University, Biochemistry Rounds, Indianapolis, Indiana
10/28/05	Annual Meeting (Session Organizer and Speaker).	American Society of Human Genetics, Salt Lake City, Utah
4/05	Invited Speaker.	Epilepsy Foundation of Southern California, Los Angeles, CA
4/05	Neurology Grand Rounds.	Department of Veteran's Affairs, West Los Angeles, Los Angeles, CA
7/02	Adult Neurology Grand Rounds.	Cedars Sinai Hospital, Los Angeles, CA
7/02	Pediatric Grand Rounds.	Cedars Sinai Hospital, Los Angeles, CA
8/01	Neurology Grand Rounds.	Wayne State University, Detroit, Michigan
5/00	Treatments for the National Ceroid Lipofuscinoses.	International Conference, NIH, Bethesda, Maryland

<u>Regional/Local</u>

2/4/20	Gene Therapy: The Unavoidable Medicine of the Future.	Molecular and Human Genetics Seminar Series, Baylor College of Medicine, Houston, Texas
12/3/19	Gene Therapy: The Future of Medicine Today.	Children's Foundation Board Meeting and Luncheon, Children's Medical Center Dallas, TX
11/20/19	Gene Therapy: Medicine of the Future.	Neurology Grand Rounds, UT Southwestern Medical Center
11/11/19	Gene Therapy.	Children's Medical Center Foundation, Children's Medical Center Dallas, Texas
10/24-25/19	Gene Therapy for Neurological Diseases.	Neurodegeneration Symposium, UT Southwestern Medical Center, Dallas, TX
9/25/19	Genetics of Psychiatric Diseases.	NGP Journal Club, UT Southwestern Medical Center, Dallas, Texas
11/30/18	Gene based therapies in treating pediatric neurological disorders.	7th Annual Research Conference, Texas Scottish Rite Hospital, Dallas, Texas
4/18/18	The Forever Fix of Gene Therapy: Rewriting Medicine. UT Southwestern Circle of Friends.	University of Texas Southwestern Medical Center, Dallas, Texas
4/13/18	Genetics for the Adult Neurologist. Epilepsy Faculty Update.	University of Texas Southwestern Medical Center, Dallas, Texas
5/4/15	Lafora Disease, shortcut to a cure. Neurology Grand Rounds. Visiting Professor.	University of Texas Southwestern Medical Center, Dallas, Texas

Technological and Other Scientific Innovations

Innovation
Patent, if any, pending or awarded /If described in print/on web, provide citation

Service to the Community

Year(s)	Role	Organization or institution
May include a brief, one-sentence description of each role if needed (optional)		

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Peer Reviewed Publications
Original Research Articles

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Internet/Web Publications

Current	Travis Carter Homepage www.travisbattle.com Patient of Dr. Minassian's own website about his Batten's Disease condition.
February 10, 2014	Epilepsy Ontario – www.epilepsyontario.org Researchers sequencing genomes to uncover causes of epilepsies.
January 30, 2013	www.CBC.ca Treatment pinpointed for rare Parkinson-like disorder in kids.
October 1, 2009	Daily American. www.dailyamerican.com . Johnstown teen gains support in fight against rare disease.
March 15, 2005	American Veterinary Medical Association. Mining the canine genome. Identification of genes helps breeders and researchers.
January 7, 2005	BBC News, UK <http://news.bbc.co.uk> Epilepsy gene identified in dogs. Scientists have identified a faulty gene that causes epilepsy in dogs.
March 24, 2004	Medical News Today www.medicalnewstoday.com Researchers identify new form of disease gene associated with Rett Syndrome.
March 21, 2004	Rett Syndrome Research Foundation. Press Release: Researchers discover novel form of the rett syndrome protein.
March 2004	The Cavalier Club www.thecavalierclub.co.uk Syringomeyelia News: Research Update
2003	Canine Epilepsy Network www.canine-epilepsy.net First canine epilepsy genes found.
2003	Genome Canada www.genomecanada.ca Press release: Sick Kids scientists identify gene for most severe form of adolescent epilepsy.

Newspaper / Lay Publications

January 30, 2013	**The Globe and Mail.** Canadians uncover cause of rare children's disease.
February 4, 2006	**The Globe and Mail (**A 01): Annals of canine medicine.
July 2, 2005	**The Toronto Star (**A 07): His disease doesn't fit; Barrie teenager desperately needs a drug that is only paid for when used for another ailment. It's so hopeless mom says, as family battles system while paying $1,500 a month.

June 10, 2005	**The Toronto Star (**F 01): Brave teen gets wish; British patient meets the Toronto doctor fighting to cure her rare disease. Classmates chip in toward Sick Kids research that offers some hope.
June 10, 2005	**The Record, Kitchener (**A 03): Brave wish for a dying girl, 16.
June 2, 2005	**The Toronto Star (**G 17): We just hope she'll live independently; Therapies can help a lot with debilitating neurological disorder. Children are often misdiagnosed as having autism, cerebral palsy.
September 27, 2003	**The National Post (**A1 / Front): They found the problem - but how do they fix it? Scientists race to unravel deadly mystery of Amanda Gellel's one-in-a-million disease: Funding difficult for research on rarities.
September 8, 2003	**The Record, Kitchener (**A 03): Gene found for deadly form of teenage epilepsy.
September 8, 2003	**The Calgary Herald (**A 06): Deadly epilepsy gene identified.
May 10, 2002	**The Toronto Star (**A 22): Gene blamed for type of juvenile epilepsy.

Television

January 30, 2013	Global News: Researchers pinpoint gene behind rare disorder in kids, treat successfully.
April 17, 2009	Canada AM, CTV: VMA21 Deficiency Causes an Autophagic Myopathy by Compromising V-ATPase Activity and Lysosomal Acidification.
April 16, 2009	Global News: VMA21 Deficiency Causes an Autophagic Myopathy by Compromising V-ATPase Activity and Lysosomal Acidification.
June 9, 2005	Canada AM, CTV: Girl gets wish to meet Canadian doctor fighting to cure her rare disease.

Patents

2016	Modulation of GYS1 Expression – Antisense Oligonucleotide Therapy for the Fatal Epilepsy Lafora Disease. Minassian BA, Ahonen S, Grossman T, Freier S. United States Patent Application # 62/351,396
2009	Compositions and Methods for Diagnosis of Autophagic Vacuolar Myopathy. Minassian BA: Vedder Price P. C. Patent # 12/477, 555.
2004	Lafora's Disease Gene. Scherer SW, Minassian BA, Delgado-Escueta A, Rouleau G: United States Patent Office Patent # 7,550,571 B2. 2004
2006	MECP2E1 Gene. Minassian BA, Vincent J: United States Patent Office Patent # 7,670,773 B2. 2006

2003	Novel Lafora's Disease Gene (Lafora #2). Scherer SW, Minassian BA: United States Patent Office Patent # Pending 60/491,968.

Salary Support and Other Funding

Trainee Salary Support

2013-2014	Primary Supervisor to Julie Turnbull, Epilepsy Canada Fellowship ($35,000)
2012-2014	Cyrus Boelman, Research Fellowship in Epilepsy Genetics (SickKids 2012-2014)
2010-2013	Reem Al-Khater, Master's Award, Saudi Arabia ($100,000 2010-2013)
2009-2010	Primary Supervisor to Jennifer Rilstone, NSERC "Vanier Competition ($57,000 2009-2011)
2008-2010	Primary Supervisor to Iulia Oprea, NSERC Postdoctoral Fellowship, ($80,000 2008-2010)
2008-2009	Primary Supervisor to Jennifer Rilstone, NSERC Postgraduate Scholarship Masters, ($17,300)
2007-2010	Primary Supervisor to Julie Turnbull, NSERC Canada Graduate Scholarship D recipient ($105,000, 2007 - 2010)
2006-2008	Primary Supervisor to Iulia Oprea, NSERC Postgraduate Scholarship Winner ($34,000)
2006-2007	Primary Supervisor to Julie Turnbull, NSERC Canada Graduate Masters Award ($17,500)
2005-2008	INMHA Fellowship Award for post-doctoral fellow Miles Thompson. Minassian BA: Epilepsy Canada / CIHR ($120,000 2005 - 2008)
2005-2006	Primary Supervisor to Iulia Oprea, Restracomp Scholarship winner ($19,000 2005-2006)
2005-2006	Primary Supervisor to Julie Turnbull, Ontario Graduate Scholarship winner ($15,000 2005-2006)