

Curriculum Vitae

Mario Masellis

Hon B.Sc., M.Sc. (Pharm), M.D., Ph.D., F.R.C.P.C.

A. Date Curriculum Vitae is Prepared: 2015 January 27

B. Biographical Information

Primary Office	Sunnybrook Health Sciences Centre 2075 Bayview Avenue, Room A455 Toronto, Ontario, Canada M4N3M5
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1. EDUCATION

Degrees

2006 Sep - 2012 Jul	PhD, Clinical Neurosciences, Institute of Medical Science, University of Toronto, Toronto, Ontario, Canada, Supervisor(s): Sandra E. Black
1997 Sep - 2001 Jun	MD, General Medicine and Surgery, Dept of Medicine, University of Toronto, Toronto, Ontario, Canada, Supervisor(s): Dr. D. Naylor
1994 Sep - 1997 Aug	MSc, Pharmacogenetics, Pharmacology, University of Toronto, Toronto, Ontario, Canada, Supervisor(s): Dr. J.L. Kennedy; Dr. W. Kalow
1990 Sep - 1994 Jun	BSc, Pharmacology, Arts and Science, University of Toronto, Toronto, Ontario, Canada

Postgraduate, Research and Specialty Training

2006 - 2008	Fellowship, Cognitive Neurology, Department of Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada, Supervisor(s): Dr. Sandra E. Black
2001 - 2006	Post-Graduate Residency, Program in Adult Neurology, Department of Medicine, Division of Neurology, University of Toronto, Toronto, Ontario, Canada
2000	Research Training, Clinical Psychopharmacology, Department of Psychiatry, Centre for Addiction and Mental Health, Toronto, Ontario, Canada, Supervisor(s): Dr. Sidney H. Kennedy
1999	Research Training, Neuropsychiatric Epidemiology, Department of Psychiatry, Centre for Addiction and Mental Health, Toronto, Ontario, Canada, Supervisor(s): Dr. Margaret A. Richter
1994 - 2001	Research Training, Genetics and Pharmacogenetics, Department of Psychiatry, Centre for Addiction and Mental Health, Toronto, Ontario, Canada, Supervisor(s): Dr. James L. Kennedy

Qualifications, Certifications and Licenses

2006 Aug	Certificate of Registration for Independent Practice, The College of Physicians and Surgeons of Ontario, Ontario, Canada, License / Membership #: 76452
2006 Jul	Certification in Neurology, Designation as F.R.C.P.C. Fellow, Royal College of Physicians and Surgeons of Canada, Ontario, Canada, License / Membership #: 594961
2002 Jan	Medical Council of Canada Qualifying Examination Part II, Medical Council of Canada, Canada
2002 Jan	Certificate of Registration – Licentiate of the Medical Council of Canada, Medical Council of Canada, Canada, License / Membership #: 92632
2002 Jan	ACLS Provider, Heart and Stroke Foundation of Ontario, Ontario, Canada
2001 Jul - 2006 Jul	Certificate of Registration for Postgraduate Education, College of Physicians and Surgeons of Ontario, Ontario, Canada, License / Membership #: 76452
2001 Jan	Medical Council of Canada Qualifying Examination Part I, Medical Council of Canada, Canada

2. EMPLOYMENT

Current Appointments

2011 Jun - present	Assistant Professor, Neurology, Department of Medicine, University of Toronto, Toronto, Ontario, Canada
2009 Mar - present	Associate Scientist, Evaluative Clinical Sciences, Neurology, Department of Medicine, Sunnybrook Research Institute, Toronto, Ontario, Canada
2008 Jul - present	Staff Neurologist, Neurology, Department of Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
2008 Jul - present	Co-Director, Cognitive Neurology Research Unit, Neurology, Department of Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
2008 Jul - present	Clinician-Scientist, Neurology, Department of Medicine, Department of Medicine, University of Toronto, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
2008 Jul - present	Research Scientist, Neurogenetics Section, Department of Psychiatry, Centre for Addiction and Mental Health, Toronto, Ontario, Canada
2008 Jul - present	Director, Cognition and Movement Disorders Clinic, Neurology, Department of Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Previous Appointments

CLINICAL

2006 Sep - 2008 Jun	Clinical Associate, Neurology, Department of Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
2006 Sep - 2008 Jun	Associate Courtesy Staff, Neurology, Department of Medicine, Toronto East General Hospital, Toronto, Ontario, Canada
2006 Jul - 2008 Jun	Cognitive Neurology Fellowship, Neurology, Department of Medicine, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
2001 Jul - 2006 Jun	Resident Physician, Medicine, Neurology, University of Toronto, Toronto, Ontario, Canada

RESEARCH

1997 Sep - 2008 Jun	Research Associate, Psychiatry, Neurogenetics Section, Centre for Addiction and Mental Health, Toronto, Ontario, Canada
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UNIVERSITY

2008 Jul - 2011 May Lecturer, Neurology, Department of Medicine, University of Toronto, Toronto, Ontario, Canada

3. HONOURS AND CAREER AWARDS

Distinctions and Research Awards

INTERNATIONAL

Received

- 2003 Sep - 2003 Oct **Post-doctoral Fellow Travel and Accommodation Award**, Institute of Genetics and the Canadian Genetic Diseases Network, Canadian Institutes of Health Research (CIHR), Laurino, Italy. (Research Award)
“New Frontiers: Italian/Canadian Population Genomics and Bioinformatic Collaborations” meeting (October 24-28, 2003). Total Amount: 2,000 CAD
- 1998 Jun - 1998 Jul **Best Oral Presentation by a Young Delegate**, XXIst Collegium Internationale Neuro-Psychopharmacologicum, Glasgow, United Kingdom. (Research Award)
Total Amount: 750 USD
- 1998 Jun - 1998 Jul **Young Delegate Travel Award**, XXIst Collegium Internationale Neuro-Psychopharmacologicum, Glasgow, United Kingdom. (Research Award)
Total Amount: 1,500 USD

NATIONAL

Received

- 2014 Oct **2014 Institute of Genetics Maud Menten New Principal Investigator Finalist Prize**, Canadian Institutes of Health Research, Canada. (Research Award, Specialty: Clinical Theme)
Total Amount: 1,000 CAD
- 2012 May - 2017 Apr **Early Researcher Award**, Ministry of Economic Development & Innovation (MEDI), Toronto, Ontario, Canada. (Research Award)
Total Amount: 150,000 CAD
- 1999 Jun - 1999 Aug **Undergraduate Summer Scholarship**, Medical Research Council of Canada & Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada. (Research Award)
Research training. Total Amount: 3,500 CAD

LOCAL

Received

- 1999 Sep - 2001 Aug **Samuel Castrilli Award**, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada. (Research Award)
Annual award given for excellence in research and intention to specialize in a field of postgraduate research. Total Amount: 8,000 CAD
- 1999 **Best Presentation by a Graduate Student**, 25th Annual Harvey Stancer Research Day, Department of Psychiatry, University of Toronto, Toronto, Ontario, Canada. (Research Award)
Total Amount: 500 CAD
- 1998 Jun - 1998 Aug **Undergraduate Summer Scholarship**, Department of Psychiatry, University of Toronto, Toronto, Ontario, Canada. (Research Award)

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Total Amount: 3,000 CAD

1998 Jun - 1998 Jul **Conference Travel Award**, Medical Alumni Association, University of Toronto, Toronto, Ontario, Canada. (Research Award)

Total Amount: 500 CAD

1994 May - 1994 Aug **Life Sciences Undergraduate Summer Studentship**, University of Toronto, Toronto, Ontario, Canada. (Research Award)

Total Amount: 3,000 CAD

1993 Sep - 1994 Sep **St. Michael's College Tuition Scholarship**, University of Toronto, Toronto, Ontario, Canada. (Research Award)

Total Amount: 3,500 CAD

1993 May - 1993 Aug **Life Sciences Undergraduate Summer Studentship**, University of Toronto, Toronto, Ontario, Canada. (Research Award)

Total Amount: 3,000 CAD

1985 Aug - 1990 May **Ontario Scholar**, Brebeuf College School, Willowdale, Ontario, Canada. (Distinction)

Student/Trainee Awards

INTERNATIONAL

Received

2010 Jun - 2010 Aug **Parkinson's Disease Foundation (U.S), Summer Fellowship Award**, Neurology, Primary Supervisor, Awardee Name: Michael R. Misch. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 3,000 USD

LOCAL

Received

2014 May - 2014 Aug **Sunnybrook Brain Sciences Summer Studentship**, Awardee Name: Jordana Compagnone. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 3,200 CAD

2013 May - 2013 Aug **Sunnybrook Brain Sciences Summer Studentship**, Neurology, Primary Supervisor, Awardee Name: Julian Li. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 3,000 CAD

2012 May - 2012 Aug **Sunnybrook Brain Sciences Summer Studentship**, Neurology, Primary Supervisor, Awardee Name: Zhe Yu. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 2,000 CAD

2011 May - 2011 Aug **Sunnybrook Brain Sciences Summer Studentship**, Neurology, Primary Supervisor, Awardee Name: David Dongkyung Kim. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 2,000 CAD

2010 Jun - 2010 Aug **Sunnybrook Brain Sciences Summer Studentship**, Neurology, Primary Supervisor, Awardee Name: Rosaleen Athaide. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 2,000 CAD

2009 Jun - 2009 Aug **Sunnybrook Brain Sciences Summer Studentship**, Neurology, Primary Supervisor, Awardee Name: Michael R. Misch. Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

Total Amount: 2,000 CAD

4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Professional Associations

2013 May - present	Member, Steering Committee , Canadian Consortium on Neurodegeneration in Aging
2011 Jul - present	Member, Steering Committee , Ontario Brain Institute, Neurodegenerative Research Initiative
2011 Jan - present	Co-Chair, Pharmacoepidemiology Working Group , Ontario Health Study
2011 Jan - present	Member, Neurology Working Group , Ontario Health Study
2009 Jan - present	Member , Movement Disorders Society
2009 Jan - present	Member, Steering Committee , Toronto Dementia Research Alliance (TDRA)
2008 Jul - present	Member , Consortium of Canadian Centres for Clinical Cognitive Research (C5R)
2008 Jul - present	Member , University of Toronto Behavioural Neurology Section
2006 Jul - present	Member , Canadian Medical Association
2006 Jul - present	Member , Ontario Medical Association
2006 Jul - present	Fellow , The Royal College of Physicians and Surgeons of Canada
2004 Mar - present	Member , American Academy of Neurology
2001 Jul - present	Member , Canadian Medical Protective Association
2001 Jul - present	Member , The College of Physicians and Surgeons of Ontario
2006 - 2008	Member , Clinician-Scientist Training Program, Department of Medicine, University of Toronto
1998 - 2001	Member , Italo-Canadian Physicians Association

Peer Review Activities

ASSOCIATE OR SECTION EDITING

Associate Editor

2011 Jan - present	Current Pharmacogenomics and Personalized Medicine
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EDITORIAL BOARDS

Reviewer

2011 Jan - 2012 Dec 31	Current Pharmacogenomics and Personalized Medicine, Number of Reviews: 4
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GRANT REVIEWS

External Grant Reviewer

2012	Fund for Scientific Research – FNRS, Belgium, Number of Reviews: 1
2012	Wellcome Trust: Human Heredity and Health in Africa (H3AFRICA) Initiative, Number of Reviews: 1
2011	National Medical Research Council, Ministry of Health Singapore, Number of Reviews: 1
2011	Scottish Rite Foundation, Number of Reviews: 1
2008 - 2009	Comitato Telethon Fondazione ONLUS (Telethon Foundation), Italy, Number of Reviews: 2
2008	The Hospital for Sick Children - Internal Grant Review Service, Number of Reviews: 1
2001	Innovation Oriented Programme (IOP) on Genomics in the Netherlands, Number of Reviews: 1
2001	The Wellcome Trust, United Kingdom, Number of Reviews: 1

Reviewer

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2012 Mar Alzheimer's Society of Canada - Grant Review Committee, Number of Reviews: 18
2012 - 2015 Canadian Institutes of Health Research (CIHR) – Behavioural Sciences B Grant Review Committee. Number of Reviews: 24
2011 Sep Michael J. Fox Foundation - Grant Review Committee, Number of Reviews: 9

MANUSCRIPT REVIEWS

Reviewer

2013 - 2014 Current Pharmacogenetics and Personalized Medicine, Number of Reviews: 1
2013 - 2014 JAMA Neurology, Number of Reviews: 1
2013 - 2014 Journal of Neurology, Neurosurgery & Psychiatry, Number of Reviews: 1
2013 - 2014 Journal of Psychiatry and Neuroscience, Number of Reviews: 1
2013 - 2014 Movement Disorders, Number of Reviews: 1
2013 - 2014 Neurology, Number of Reviews: 1
2013 - 2014 Neuropsychology, Number of Reviews: 1
2012 Current Pharmacogenomics and Personalized Medicine, Number of Reviews: 1
2012 Human Brain Mapping, Number of Reviews: 1
2012 Journal of Psychiatry and Neuroscience, Number of Reviews: 1
2012 Movement Disorders, Number of Reviews: 4
2012 Pharmacogenomics, Number of Reviews: 1
2011 - 2013 Canadian Journal of Neurological Sciences, Number of Reviews: 2
2011 Brain and Language, Number of Reviews: 1
2011 British Journal of Clinical Pharmacology, Number of Reviews: 1
2011 Cochrane Database of Systematic Reviews, Number of Reviews: 1
2011 Journal of Alzheimer's Disease, Number of Reviews: 2
2010 Current Pharmacogenomics and Personalized Medicine, Number of Reviews: 4
2010 Genes, Brain and Behavior, Number of Reviews: 3
2010 OMICS: A Journal of Integrative Biology, Number of Reviews: 1
2009 BMC Public Health, Number of Reviews: 1
2009 European Journal of Neurology, Number of Reviews: 1
2008 Psychiatry Research, Number of Reviews: 1
2007 Neurobiology of Aging, Number of Reviews: 1
2004 CNS Drugs, Number of Reviews: 1
2004 Pharmacogenomics, Number of Reviews: 2
2001 Biological Psychiatry, Number of Reviews: 3
2000 - 2004 Neuropsychopharmacology, Number of Reviews: 3

Other Research and Professional Activities

INVESTIGATOR MEETING

2013 Nov 14 **Invited Sub-Investigator.** A4 Meeting. San Diego, California, United States

INVESTIGATOR MEETINGS

2013 Nov 29 **Invited Principal Investigator.** Network of Centres of Excellence in Neurodegeneration (COEN), London, City of, United Kingdom

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- 2013 Nov 15 **Invited Principal Investigator.** Establishing Therapeutic Efficacy in Familial Frontotemporal Degeneration (FTD). University of California San Francisco, San Francisco, California, United States
- 2013 Aug 15 **Invited Principal Investigator.** DIAN-TU-001. West Palm Beach, Florida, United States
- 2009 Feb 24 - 2009 Feb 26 **Invited Sub-Investigator.** WN22018 Roche Investigator Meeting, Boston, Massachusetts, United States. Collaborator(s): Site PI - Black SE.
- 2008 Jan 28 - 2008 Jan 29 **Invited Sub-Investigator.** Elan Investigator Meeting, Hyatt Regency, San Francisco, California, United States
- 2007 Sep 6 - 2007 Sep 7 **Invited Sub-Investigator.** Novartis CENA713D2340 Investigator Meeting, The Hotel Palace, Berlin, Germany

C. Research Funding

1. GRANTS, CONTRACTS AND CLINICAL TRIALS

PEER-REVIEWED GRANTS

FUNDED

- 2015 Jan - 2019 Feb **Co-Investigator.** ALEVIAATE- A Randomized Controlled Trial of Levetiracetam to Reduce Hippocampal Volume Loss in Subjects with Amnesic Mild Cognitive Impairment. Weston Brain Institute. PI: Herrmann N. Collaborator(s): Black SE; Fischer C; Freedman M; Greenberg B; Kiss A; Lancot K; **Masellis M**; McAndrews M; Olsen R; Pollock B; Sanjeev K; Strother S; Tang-Wai D; Tartaglia C; Weaver D; 1,449,998 CAD. [Grants]
- 2014 Nov - 2017 Dec **Principal Investigator.** DIAN-TU-001: A Phase II/III Randomized, Double-Blind, Placebo-Controlled Multi-Center Study of 2 Potential Disease Modifying Therapies in Individuals at Risk for and with Dominantly Inherited Alzheimer's Disease. Washington University (St. Louis, MO). Collaborator(s): Black SE; Herrmann N; 710,000 CAD. [Clinical Trials]
- 2014 Jul - 2019 Jun **Principal Investigator.** Genetic Frontotemporal Dementia Initiative (GENFI) in Canada. Canadian Institutes of Health Research (CIHR). Operating Grant. Collaborator(s): Black SE, Chow T, Freedman M, Knight J, LaForce R, MacIntosh BJ, Rogaeva E, Tang-Wai D, Tartaglia C. 932,818 CAD. [Grants]
- 2014 Feb - 2016 Dec **Principal Investigator.** A Phase II/III, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Efficacy and Safety Study of Gantenerumab in Patients with Mild Alzheimer's Disease. F. Hoffmann-la Roche Ltd. (Basel, Switzerland). 327,545 CAD. [Clinical Trials]
- 2014 Jan - 2016 Dec **Co-Investigator.** Identifying new physiological biomarkers of Alzheimer's Disease from functional and perfusion MRI. Canadian Institutes of Health Research (CIHR). Catalyst Grant: Secondary Analysis of Neuroimaging Databases. PI: MacIntosh BJ. Collaborator(s): Chen JJ, **Masellis M**, Zaharchuk G. 100,000 CAD. [Grants]
- 2013 Jul - 2015 Jun **Co-Investigator.** Driving in Mild Dementia Decision Tool. Canadian Institutes of Health Research (CIHR). Knowledge-to-Action Grant. 289649. PI: Rapoport M, Lee L, Frank C, Schultz M, Elzohairy Y. Collaborator(s): Herrmann, N., Seitz, D., Mulsant, B., Naglie, G., Molnar, F., Byszewski, A., Gordon, M., **Masellis, M.**, Tang-Wai, D., Cohen, S. 178,842 CAD. [Grants]

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- 2013 Jul - 2014 Jun **Co-Principal Investigator.** H. Chertkow Expression of Interest for CCNA. Canadian Institutes of Health Research. Canadian Consortium on Neurodegeneration in Aging. PI: Andrew MK et al. 71,606 CAD. [Grants]
- 2013 May - 2015 Apr **Principal Investigator.** Standard Treatment Algorithms Against Non-Dopaminergic Symptoms of Parkinson's Disease (STAANDS-PD). Sunnybrook Health Sciences Centre AFP Innovation Fund. Collaborator(s): Lang AE, Marras C, Miyasaki J, Kleiner-Fisman G, Steeves T. 97,656 CAD. [Grants]
- 2013 May - 2015 Apr **Principal Investigator.** Development of a City-Wide Movement Disorders Program Through the Establishment of a Uniform Clinical and Research Database. Division of Neurology New Initiatives Program 2013. Collaborator(s): Lang AE, Marras C, Miyasaki J, Kleiner-Fisman G, Steeves T. 26,540 CAD. [Grants]
- 2013 Mar - 2018 Feb **Site Principal Investigator.** Ontario Brain Institute Neurodegenerative Disease Research Initiative (ONDRI). Ontario Brain Institute (OBI). PI: Black SE, **Masellis M**, Swartz R, Zinman L. Collaborator(s): Strong M (ONDRI Study PI), Boulos M, Gladstone D, Herrmann N, Hopyan J, Izenberg A, Lam B, Singerman J. 708,750 CAD. [Grants]
- 2013 Mar - 2017 Apr **Co-Investigator.** A Potential Biomarker for Vascular Dementia. Canadian Institutes of Health Research (CIHR). Operating Grant. PI: Mikulis DJ, Black SE. Collaborator(s): Cohn M, Crawley AP, Dufort P, MacIntosh BJ, Mandell DM, **Masellis M**, Tang-Wai DF, Tartaglia MC. 324,598 CAD. [Grants]
- 2013 Mar - 2017 Feb **Co-Investigator.** Sartans to Slow Alzheimer's Disease: A Randomized Double Blind, Face-to-Face Proof-of-Concept Study of Angiotensin Receptor Blockers vs. ACE Inhibitors in Hypertensive mild-to-moderate AD patients using Ventricular Enlargement as Primary Outcomes. Alzheimer's Drug Discovery Foundation (ADDF). PI: Black, SE. Collaborator(s): Greenberg B, Oh P, **Masellis M**, Lanctot K. 992,388 CAD. [Grants]
- 2013 Mar - 2016 Feb **Co-Investigator.** Validation of Ocular Measures as Potential Biomarkers for Early Detection of Brain Amyloid and Neurodegeneration. Brain Canada. PI: Black SE. Collaborator(s): Caldwell C, Chow T, Fischer C, Freedman M, Greenberg B, Houle S, Hudson C, Kiss A, Lang A, Mandelcorn E, Margolin E, **Masellis M**, Pollock B, Rogaeva E, Swartz R, Strother S, Tang-Wai D, Tartaglia D, Valliant J, Voineskos A, Yang V. 1,489,069 CAD. [Grants]
- 2013 Feb - 2017 Jan **Co-Investigator.** Predicting Outcome in Parkinson's Disease Cognitive Impairment. Canadian Institutes of Health Research (CIHR). Operating Grant. PI: Marras C, Duff Canning SJ. Collaborator(s): Fox S, Kennedy JL, Knight J, Mapstone M, **Masellis M**, Meaney CA. 584,214 CAD. [Grants]
- 2013 - 2015 **Co-Principal Investigator.** Delineating Pathways Causing Vulnerability to Neuropsychiatric Symptoms in Alzheimer's Disease. Canadian Institutes of Health Research (CIHR). Catalyst Grant: Secondary Analysis of Neuroimaging Databases. PI: Finger E, **Masellis M**. 100,000 CAD. [Grants]
- 2012 Jul - 2014 Jun **Co-Investigator.** A Prospective, Randomized, Double-Blind, Placebo-Controlled, Phase 2 Efficacy and Safety Study of Oral ELND005 for Treatment of Agitation and Aggression in Patients with Moderate to Severe Alzheimer's Disease. Elan Pharmaceuticals. PI: Black SE; Herrmann N; Collaborator(s): Lam B; Lanctot KL; **Masellis M**; 200,000 CAD. [Clinical Trials]
- 2012 Jun - 2013 Dec **Principal Investigator.** Orthostatic Hypotension in Lewy Body Spectrum Disorders: Cognitive, Structural and Perfusion Perspectives. The Consortium of Canadian Centres for

Clinical Cognitive Research (C5R). Research Grants Initiative Awards. 19,974 CAD. [Grants]

- 2012 May - 2017 Apr **Principal Investigator.** Transforming Dementia Care in Ontario: Application of Genetic Testing to Treatment of Parkinson's-Related Dementias. Ministry of Economic Development and Innovation (MEDI). 150,000 CAD. [Grants]
- 2012 Feb - 2014 Jan **Co-Investigator.** Genetic-cerebrovascular interactions in brain atrophy and cognition. Heart and Stroke Foundation Centre for Stroke Recovery. PI: Black SE. Collaborator(s): Albert PR (Co-PI), Lanctot KL (Co-PI), Chan PC, **Masellis M**, Herrmann N, Oh PI, Swardfager WS. 48,194 CAD. [Grants]
- 2012 Jan - 2017 Dec **Co-Investigator.** A Phase II, Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study to Investigate the Efficacy and Safety of RO4602522. Hoffman-La Roche Ltd. PI: Black SE; Herrmann N; Collaborator(s): Lam B; Lanctot KL; **Masellis M**; 240,000 CAD. [Clinical Trials]
- 2011 Oct - 2013 Sep **Lead Principal Investigator (Canada).** The GENetic Frontotemporal Dementia Initiative (GENFI): A New Multi-Centre Platform for the Study of Frontotemporal Lobar Degeneration. Centres of Excellence in Neurodegeneration Initiative: Call for Proposals. Canadian Institutes of Health Research (CIHR). International Collaborative Operating Grant. PI: **Masellis M**. Collaborator(s): Black SE, Chow T, Freedman M, Keren R, Tang-Wai D, Tartaglia C. 686,959 CAD. [Grants]
(Total Award - 686,959 CAD; Total Canada Site - 102,121 CAD) The GENFI will unite the collective expertise and resources of four internationally recognized Centres-of-Excellence in the field of frontotemporal dementia. Lead investigators from other countries are: Martin Rossor (UK), Giovanni Frisoni (Italy), and Torik Ayoubi (Belgium). I contributed to the conceptualization of the study, development of the study methods, writing the grant, and conduct of the study.
- 2011 Sep - 2013 Aug **Principal Investigator.** Parkinson's Related Dementia: A Pharmacogenomic Study of Cholinesterase Inhibitors Investigating Cognitive Benefit, Motor Worsening, and Brain SPECT. Parkinson's Society of Canada, Garden Centre Group Co-Op Corp. New Investigator Award. Collaborator(s): Black SE, Freedman M, Tang-Wai D, Kennedy JL, Chen R, Herrmann N, MacIntosh BJ, Kleiner-Fisman G, Lee J, Lang AE. 90,000 CAD. [Grants]
I am responsible for the conceptualization of the study, development of the study methods, writing the grant, and conduct of the study.
- 2010 Jun - 2012 May **Collaborator.** Driving and Dementia in Ontario. Alzheimer's Society (Canada). Quality of Life Research Grants Program. PI: Rapoport M. Collaborator(s): **Masellis M**, Herrmann N, Naglie G, Molnar F, Tang-Wai D, Frank C, Pimlott N. 78,843.2 CAD. [Grants]
I contributed to the literature review, survey development, and am involved in the process of consensus development.
- 2008 - 2013 **Co-Investigator.** In Vivo Brain Mapping in the Dementias: A Longitudinal Brain-Behaviour Study With a Focus on Interactions of Alzheimer's and Cerebrovascular Disease. Canadian Institutes of Health Research (CIHR). PI: Black SE. Collaborator(s): Caldwell CB, Gao F, Herrmann N, Kiss AJ, Lanctot KL, Lobaugh N, **Masellis M**, McIlroy WE, Rogava E, Stefanovic B, Stuss DT, Swartz R. 1,411,055 CAD. [Grants]
I contributed to the writing of sections of the grant pertaining to genetic data and I am actively involved in recruiting patients and analyzing data generated from the study.
- 2006 - 2008 **Co-Investigator.** Pharmacogenetics of Rivastigmine Response in Lewy Body Disease: A Pilot Study Employing Brain SPECT. Canadian Institutes of Health Research (CIHR), Institute of Aging. Pilot grant in aging. PI: Black SE, Kennedy JL. Collaborator(s): **Masellis M**, Basile VS, Freedman M, Herrmann N. 50,000 CAD. [Grants]

At the time of the grant application, I was a cognitive neurology fellow and was only able to participate as a co-investigator even though I was the principal writer of the grant conceiving the idea, design, and methods of the project. Furthermore, I have been in charge of recruitment and conduct of the protocol.

- 2003 Sep - 2006 Aug **Co-Investigator.** Development of the Cortisol Stress Response in Humans: Influence of Gene-Environment Interactions. Canadian Institutes of Health Research (CIHR). Operating Grant. PI: Atkinson L. Collaborator(s): Goldberg S, Levitan RD, **Masellis M**, Basile V, Matthews SG, Kennedy JL. 594,172 CAD. [Grants]
- 2003 Aug - 2008 Jul **Co-Investigator.** Maternal Adversity, Vulnerability and Neurodevelopment. Canadian Institutes of Health Research (CIHR), Institute of Human Development, Child and Youth Health – Group Grant. PI: Meaney M. Collaborator(s): Matthews S, Atkinson L, Basile V, Evans A, Fleming A, Goldberg S, Kennedy JL, Levitan R, **Masellis M**. 3,750,000 CAD. [Grants]
- 2002 Oct - 2005 Sep **Co-Investigator.** Strategies for Gene Discovery in Schizophrenia. Canadian Institutes of Health Research (CIHR). Operating Grant. PI: Kennedy JL. Collaborator(s): Macciardi FM, Basile VS, **Masellis M**, Muglia P, Sivagnanasundram S, Wong A, Meltzer HY, Lieberman JA, Potkin SG, Remington G, Christensen B, Zipursky R, Honer W. 445,140 CAD. [Grants]
- 2002 Apr - 2003 Apr **Co-Investigator.** Development of the HPA-Axis in Infants: Environmental and Genetic Influences. Canadian Institutes of Health Research (CIHR). Operating Grant. PI: Atkinson L. Collaborator(s): Goldberg S, Macciardi FM, Levitan RD, Matthews SG, **Masellis M**, Basile V. 46,443 CAD. [Grants]
- 2002 Mar - 2003 Mar **Co-Principal Investigator.** HPA-Axis Candidate Genes in Infant Cortisol Stress Response. Research in Psychiatry Grants Program, Centre for Addiction and Mental Health (CAMH). PI: Atkinson L, **Masellis M**. Collaborator(s): Goldberg S, Levitan RD, Basile VS, Macciardi F, Leung E. 5,474 CAD. [Grants]
I contributed to the hypotheses development, writing of the genetics background and methods section.
- 2001 Sep - 2005 Sep **Co-Investigator.** Polymorphism in Serotonin System Genes: Putative Role in Increased Food Intake in Bulimia Nervosa (BN) and Seasonal Affective Disorder (SAD). Ontario Mental Health Foundation (OMHF). PI: Levitan RD. Collaborator(s): **Masellis M**, Kennedy SH, Kaplan AS, Lam R, Basile VS, Macciardi FM. 240,000 CAD. [Grants]
Type B research grant. I contributed to the hypotheses development, writing of the genetics background and methods section. I also co-authored several papers from this work.
- 2001 Mar - 2004 Mar **Co-Investigator.** A Genetic Research Study to Understand Side-Effects of Bipolar Medications. (CFA) Clarke Foundation Project Grant: The Wolfond Family Project. PI: McIntyre R. Collaborator(s): Basile VS, **Masellis M**, Mancini D, Kennedy JL, Parikh SV, Kennedy SH. 150,000 CAD. [Grants]
- 2000 May - 2000 Oct **Co-Investigator.** Stability of the Cortisol Stress Response in One Year-old Infants: A Pilot Study. Psychiatry Endowment Fund, Hospital for Sick Children. PI: Goldberg S. Collaborator(s): Atkinson L, Basile V, Levitan R, Macciardi F, **Masellis M**. 15,000 CAD. [Grants]
Pilot Study Grant. I contributed to the hypotheses development, writing of the genetics background and methods section. I also co-authored several papers from this work.
- 1999 Jul - 2001 Jul **Co-Investigator.** Polymorphism in Serotonin System Genes: Putative Role in Increased Food Intake in Bulimia Nervosa (BN) and Seasonal Affective Disorder (SAD). Ontario Mental Health Foundation (OMHF). PI: Levitan RD. Collaborator(s): **Masellis M**, Kennedy SH,

Kaplan AS, Lam R, Basile VS, Macciardi FM. 120,000 CAD. [Grants]
Type A research grant. I contributed to the hypotheses development, writing of the genetics background and methods section. I also co-authored several papers from this work.

1997 Jul - 1999 Jun
Co-Investigator. Polymorphism in Serotonin System Genes: Putative Role in Increased Food Intake in Bulimia Nervosa (BN) and Seasonal Affective Disorder (SAD). Ontario Mental Health Foundation (OMHF). PI: Levitan RD. Collaborator(s): **Masellis M**, Kennedy SH, Kaplan AS, Vaccarino F, Woodside B. 119,676 CAD. [Grants]
Type A research grant. I contributed to the hypotheses development, writing of the genetics background and methods section. I also co-authored several papers from this work.

NON-PEER-REVIEWED GRANTS

FUNDED

- 2015 Jan - 2019 Feb
Co-Investigator. ALEVIATE - A Randomized Controlled Trial of Levetiracetam to Reduce Hippocampal Volume Loss in Subjects with Amnesic Mild Cognitive Impairment. Weston Brain Institute. PI: Hermann, N. Collaborator(s): Black SE, Fischer C, Freedman M, Greenberg B, Kiss A, Lanctot K, **Masellis M**, McAndrews M, Olsen R, Pollock B, Sanjeev K, Strother S, Tang-Wai D, Tartaglia C, Weaver D. 1,449,998 CAD. [Grants]
- 2013 Jul - 2014 Jun
Sub-Investigator. A Prospective, Randomized, Double-Blind, Placebo-Controlled, Phase 2 Efficacy and Safety Study of Oral ELND005 for Treatment of Agitation and Aggression in Patients With Moderate to Severe Alzheimer's Disease. Elan Pharmaceuticals. PI: Black SE. Collaborator(s): Herrmann N (Co-PI), Lanctot K, Lam B, **Masellis M**. 200,000. [Clinical Trials]
- 2012 Apr - 2013 Mar
Principal Investigator. Heterogeneity in Clinical, Neuropsychological, and Neuroimaging Correlates of Familial Frontotemporal Dementia due to Progranulin (PGRN) Mutation. Family donation to Sunnybrook Foundation - FTD research. 25,000 CAD. [Donations]
- 2012 Jan - 2013 Dec
Principal Investigator. Pharmacogenetics of Rasagiline in Parkinson's Disease (PD). Teva Neurosciences Inc. Collaborator(s): Lang AE, Kennedy JL, Macciardi F. 143,258 CAD. [Investigator - Initiated, Industry-Sponsored Study]
We have recently received 750 DNA samples from the multi-centre clinical trial of rasagiline in PD and have started the genomics work. I am responsible for the conceptualization of the study, development of the study methods, writing the grant, and conduct of the study. I was also involved in the contract negotiations to ensure that intellectual property would be shared between Teva and the institutions involved.
- 2012 - 2017
Sub-Investigator. A Phase II, Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study to Investigate the Efficacy and Safety of RO4602522 Added to the Background Therapy of the Acetylcholinesterase Inhibitors Donepezil or Rivastigmine in Patients with Moderate Severity Alzheimer's Disease. Hoffman-La Roche Ltd. PI: Black SE. Collaborator(s): Herrmann N (Co-PI), Lanctot K, Lam B, **Masellis M**. 240,000 CAD. [Clinical Trials]
- 2011 Apr - 2011 Dec
Principal Investigator. Pharmacogenetics of Cholinesterase Inhibitors in Alzheimer's (AD) and Lewy Body Disease (LBD). Family donation to Sunnybrook Foundation - Dementia research. 5,000 CAD. [Donations]
A prospective, pharmacogenetic study of response to cholinesterase inhibitors using neuropsychological and neuroimaging correlates.
- 2010 May - 2010 Dec
Principal Investigator. Pharmacogenetics of Cholinesterase Inhibitors in Alzheimer's (AD) and Lewy Body Disease (LBD). Family donation to Sunnybrook Foundation - Dementia research. 10,000 CAD. [Donations]

A prospective, pharmacogenetic study of response to cholinesterase inhibitors using neuropsychological and neuroimaging correlates.

- 2010 Jan - 2011 Jan **Principal Investigator.** Heterogeneity in Clinical, Neuropsychological, and Neuroimaging Correlates of Familial Frontotemporal Dementia due to Progranulin (PGRN) Mutation. Family donation to Sunnybrook Foundation - FTD research. 50,000 CAD. [Donations]
Prospective, longitudinal neuropsychological and neuroimaging study comparing family members with and without PGRN mutations.
- 2009 Jul - 2011 Jun **Sub-Investigator.** A Dose-Ranging, Randomized, Double-Blind, Parallel-Group Placebo-Controlled Multi-Center Study of RO5313534 Used as Add-On to Donepezil (Aricept) Treatment in Patients with Mild to Moderate Symptoms of Alzheimer's Disease. Hoffmann-la Roche Limited, Canada. PI: Black, Sandra. 84,000 CAD. [Clinical Trials]
- 2009 Mar - 2011 Sep **Sub-Investigator.** A Phase 2 Multicenter, Randomized, Double Blind, Placebo-Controlled Study of the Safety, Tolerability and Pharmacokinetics of Multiple Doses of PF-04360365 in Patients with Mild-to-Moderate Alzheimer's Disease. Study Number: A9951002. Pfizer Canada Inc. PI: Black, Sandra. 367,000 CAD. [Clinical Trials]
- 2009 Mar - 2010 Oct **Principal Investigator.** A 76 Week Prospective, Open-Label, Multicenter Study to Evaluate the Long-Term Effect of Exelon® Capsule and Transdermal Patch on Worsening of the Underlying Motor Symptoms of Parkinson's Disease in Patients with Mild to Moderately Severe Dementia Associated with Parkinson's Disease (PDD). Novartis. 32,000 CAD. [Clinical Trials]
I was the principal investigator on this multi-centre clinical trial.
- 2008 **Sub-Investigator.** A Phase 1, Randomized, Placebo-Controlled, Double Blind, Dose Escalation Study of the Safety, Tolerability and Pharmacokinetics, Pharmacodynamics and Immunogenicity of a Single Intravenous Dose of PF-04360365 (RN1219) in Adults with Mild-to-Moderate Alzheimer's Disease. Pfizer Canada Inc. PI: Black, SE. 70,000 CAD. [Clinical Trials]
- 2007 - 2009 **Evaluating Neurologist.** A Multinational, Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study, to Evaluate the Safety, Tolerability and Efficacy of Daily Oral Administration of Laquinimod 0.6 mg in Subjects with Relapsing Remitting Multiple Sclerosis (RRMS). Teva Neurosciences. PI: Lee L. 20,000 CAD. [Contracts]
\$20,000 CDN/subject.
- 2006 - 2010 **Sub-Investigator.** A Multi-Centre, Blinded, Randomized, Controlled Trial Comparing Different Regimens of the Antibiotics Doxycycline and Rifampin for Treatment of Alzheimer's Disease (DARAD). Canadian Institutes of Health Research. PI: Black SE (site PI). Collaborator(s): Molloy W, Lewis D, Borrie MJ, Patterson C, Decoteau WE, Jarrett PG, Woo TK, Chivers R, MacKnight CR, Rockwood K, Heckman GA, Guyatt GH. 1,864,896 CAD. [Clinical Trials]
(\$1,864,896.00/total award) (\$34,760 site total projected).
- 2006 - 2009 **Sub-Investigator.** Phase III Multinational Randomized, Double Blind, Placebo Controlled Study of The Effect Of Daily Treatment with MPC-7869 on Measures of Cognition, Activities of Daily Living and Global Function in Subjects with Mild Dementia of the Alzheimer's Type. Myriad Pharmaceuticals Inc. PI: Black SE. 388,416 CAD. [Contracts]
- 2006 - 2008 **Evaluating Neurologist.** A Double-Blind, Placebo Controlled Multicentre Study to Evaluate the Efficacy and Safety of MBP8298 In Subjects With Secondary Progressive Multiple Sclerosis. BioMS Corp. PI: Lee L. 10,145 USD. [Contracts]
\$USD 10,145/subject.

Mario MASELLIS

- 2005 - 2009 **Sub-Investigator.** ADNI (Alzheimer's Disease Neuroimaging Initiative). National Institutes of Health. PI: Black SE. Collaborator(s): **Masellis, M.** 200,000 CAD. [Clinical Trials] \$50,000/annum projected.
- 2003 - 2006 **Sub-Investigator.** Phase II Multicenter Randomized, Double-Blind, Placebo-Controlled Study of the Effect of Daily Treatment with MPC-7869 on Measures of Cognitive and Global Function in Subjects with Mild to Moderate Dementia of the Alzheimer's Type. Myriad Pharmaceuticals Inc. PI: Black SE. 60,000 CAD. [Contracts]

2. SALARY SUPPORT AND OTHER FUNDING

Personal Salary Support

- 2007 Jun - 2011 May Clinician-Scientist Training Award - Phase I. Pharmacogenetic Analysis of Rivastigmine Response in Lewy Body Spectrum Disorders: Clinical and Brain SPECT Correlates. Canadian Institutes of Health Research. 230,000 CAD. Canada.
- 2007 Jun - 2009 May Fellowship Award (Declined - Accepted CIHR Clinician Scientist Award). Alzheimer's Society of Canada. 100,000 CAD. Canada.
- 2006 Jul - 2008 Jun Medical Scientist Training Fellowship. McLaughlin Centre for Molecular Medicine, University of Toronto. 50,000 CAD. Toronto, Ontario, Canada.

Trainee Salary Support

- 2014 May - 2014 Aug Standard Treatment Algorithms Against Non-Dopaminergic Symptoms of Parkinson's Disease: STAANDS-PD. Trainee Name: Jordana Compagnone. SRI Brain Sciences Summer Studentship. 3,200 CAD. Toronto, Ontario, Canada.
- 2013 May - 2013 Aug Parkinson's-related dementia: A pharmacogenomic study of cholinesterase inhibitors investigating cognitive benefit, motor worsening and brain SPECT. Trainee Name: Julian Li. Sunnybrook Research Institute - Brain Sciences Summer Studentship. 3,000 CAD. Toronto, Ontario, Canada.
- 2012 May - 2012 Aug Parkinson's-related dementia: A study to understand changes in response to cognitive enhancers using brain SPECT imaging and genomics. Trainee Name: Zhe Yu. Sunnybrook Research Institute - Brain Sciences Summer Studentship. 2,000 CAD. Toronto, Ontario, Canada.
- 2011 May - 2011 Aug An ASL-MRI Perfusion Imaging Study of Orthostatic Hypotension in Parkinson's Disease. Trainee Name: David Dongkyung Kim. Sunnybrook Research Institute - Brain Sciences Summer Studentship. 2,000 CAD. Toronto, Ontario, Canada.
- 2010 Jun - 2010 Aug Visual Hallucinations, Visuospatial Dysfunction and SPECT Imaging in Parkinson's Disease Dementia and Dementia with Lewy Bodies. Trainee Name: Michael R. Misch. Parkinson's Disease Foundation - 2010 Summer Student Fellowship. 3,000 USD. United States.
- 2010 Jun - 2010 Aug Pharmacogenetics of Rivastigmine Response in Lewy Body Disease. Trainee Name: Rosaleen Athaide. Sunnybrook Research Institute - Brain Sciences Summer Studentship. 2,000 CAD. Toronto, Ontario, Canada.

D. Publications

1. MOST SIGNIFICANT PUBLICATIONS

1. Lam B, Hollingdrake E, Kennedy JL, Black SE, **Masellis M**. Cholinesterase inhibitors in Alzheimer's disease and Lewy body spectrum disorders: The emerging pharmacogenetic story. *Human Genomics*. 2009 Dec;4(2):91-106 (Trainee publication, Supervised cognitive neurology fellow in preparation of manuscript). **Senior Responsible Author**.

This paper provides the first comprehensive review and critique of pharmacogenomic studies of response and side effects to cholinesterase inhibitors. It also makes several recommendations to overcome limitations with current studies.

2. **Masellis M**, Momeni P, Meschino W, Heffner R, Elder J, Sato C, Liang Y, St George-Hyslop P, Hardy J, Black SE, Rogaeva E. Novel splicing mutation in the progranulin gene causing familial corticobasal syndrome. *Brain*. 2006;129(Pt 11):3115-23. Impact Factor 9.232. **Principal Author**.

This paper was one of the first published demonstrating that progranulin mutation is associated with significant heterogeneity in clinical presentation, even within the same family, including variable age of onset, duration until death, and diagnosis. This paper also discussed potential contributors to this phenotypic heterogeneity including genetic modifiers and epigenetic factors. Several subsequent papers were published by other groups confirming this heterogeneity in clinical presentation. Recent efforts in the field of progranulin research in frontotemporal dementia (FTD) have focused on identifying causes of this phenotypic heterogeneity.

3. **Masellis M**, Basile VS, Özdemir V, Meltzer HY, Macciardi FM, Kennedy JL. Pharmacogenetics of antipsychotic treatment: lessons learned from clozapine. *Biological Psychiatry*. 2000;47(3):252-266. Impact Factor 8.674. **Principal Author**.

This is the first review article published concerning pharmacogenetics of clozapine response. This paper made several recommendations to improve research in the field based on a critical review of the literature, in addition to discussing the future implications for clinical treatment and outcomes. Many of these recommendations have been adopted in more recent studies.

4. **Masellis M**, Basile V, Meltzer HY, Lieberman JA, Sevy S, Macciardi FM, Cola P, Howard A, Badri F, Nothen M, Kalow W, Kennedy JL. Serotonin subtype 2 receptor genes and clinical response to clozapine in schizophrenia patients. *Neuropsychopharmacology*. 1998;19(2):123-132. Impact Factor 6.685. **Principal Author**.

This paper presents a detailed analysis of polymorphism within serotonin subtype 2 receptor genes (i.e., serotonin 2A – 3 polymorphisms; serotonin 2C – 1 polymorphism) and clinical response to clozapine in the largest, prospective patient cohort published so far. Several novel concepts were introduced in this paper including: it controlled for variables that may confound genetic association with clozapine response, e.g., dose and ethnicity; it was the first to employ a haplotype analysis of three polymorphisms in the serotonin 2A receptor gene.

5. **Masellis M**, Paterson A, Badri F, Lieberman JA, Meltzer HY, Cavazzoni P, Kennedy J. Genetic variation of 5HT2A receptor and response to clozapine. *Lancet*. 1995;346:1108. Impact Factor 33.633. **Principal Author**.

This paper presents the first pharmacogenetic study of the serotonin 2A receptor in a large, well-characterized, prospective sample of patients suffering from schizophrenia.

2. PEER-REVIEWED PUBLICATIONS

Journal Articles

1. Misch MR, Mitchell S, Francis PL, Sherborn K, Meradje K, McNeely A, Honjo K, Zhao J, Scott C, Caldwell CB, Ehrlich L, Shammi P, MacIntosh BJ, Bilbao JM, Lang AE, Black SE, **Masellis M**. Differentiating between visual hallucination-free dementia with Lewy bodies from Corticobasal syndrome on the basis of Neuropsychological and Perfusion SPECT. *Alzheimer's Research and Therapy*. 2014 Dec;6(9). **Principal Author**.
2. Rapoport MJ, Herrmann N, Haider S, Zuccheri Sarracini C, Molnar F, Frank C, **Masellis M**, Tang-Wai D, Kiss A. Physician sex is a predictor of reporting drivers with mild cognitive impairment and mild dementia to transportation authorities. *Journal of the American Geriatrics Society*. 2014 Jan;62(1):201-203. **Coauthor or Collaborator**.
3. Stamenova V, Roy EA, Szilagyi G, Honjo K, Black SE, **Masellis M**. Progression of Limb Apraxia in Corticobasal Syndrome: Neuropsychological and Functional Neuroimaging report of a case series. *Neurocase*. 2014. In Press. **Principal Author**.
4. Rapoport MJ, Naglie G, Herrmann N, Zuccheri Sarracini C, Mulsant BH, Frank C, Kiss A, Seitz D, Vrkljan B, **Masellis M**, Tang-Wai D, Pimlott N, Molnar F. Developing Physician Consensus on the Reporting of Patients with Mild Cognitive Impairment and Mild Dementia to Transportation Authorities in a Region with Mandatory Reporting Legislation. *Am J Geriatr Psychiatry*. 2013 Dec 8. S1064-7481(13)00422-3. **Coauthor or Collaborator**.
5. Lam B, Middleton LE, **Masellis M**, Stuss DT, Harry RD, Kiss A, Black SE. Criterion and convergent validity of the Montreal cognitive assessment with screening and standardized neuropsychological testing. *J Am Geriatr Soc*. 2013 Dec 1;61(12):2181-5. **Coauthor or Collaborator**.
6. Rosa-Neto P, Hsiung GY, **Masellis M**, CCDD4 participants. Fluid biomarkers for diagnosing dementia: rationale and the Canadian Consensus on Diagnosis and Treatment of Dementia recommendations for Canadian physicians. *Alzheimers Res Ther*. 2013 Nov 25;5(Suppl 1):S8. **Senior Responsible Author**.
7. Rohrer J, Nicholas J, Cash D, van Swieten J, Dopper E, Jiskoot L, Rombouts SA, Cardoso MJ, Clegg S, Espak M, Mead S, Thomas DL, De Vita E, **Masellis M**, Black SE, Freedman M, Keren R, MacIntosh BJ, Rogaeva E, Tang-Wai D, Tartaglia MC, Laforce R, Tagliavini F, Tiraboschi P, Redaelli V, Prioni S, Grisoli M, Borroni B, Padovani A, Galimberti D, Scarpini E, Arighi A, Fumagalli G, Rowe J, Coyle-Gilchrist I, Graff C, Fallström M, Jelic V, Kinhult Ståhlbom A, Andersson C, Thonberg H, Lilius L, Frisoni GB, Pievani M, Bocchetta M, Benussi L, Ghidoni R, Finger E, Sorbi S, Nacmias B, Lombardi G, Polito C, Warren JD, Ourselin S, Fox NC, Rossor MN. Presymptomatic Cognitive and Neuroanatomical Changes in Genetic Frontotemporal Dementia in the GENFI Study: Cross-Sectional Analysis of Baseline Data. *Lancet Neurology*. 2013 Oct. In Press. **Coauthor or Collaborator**.
8. Misch MR, Mitchell S, Francis PL, Sherborn K, Meradje K, Caldwell CB, **Masellis M**. Differentiating between visual hallucination free dementia with lewy bodies and corticobasal syndrome on the basis of neuropsychology and brain SPECT. *Alzheimer's Research & Therapy*. 2013 Aug. Submitted. In Press (Trainee publication). **Senior Responsible Author**.
9. Day GS, Farb NA, Tang-Wai DF, **Masellis M**, Black SE, Pollock BG, Chow TW. Salience network resting-state activity predicts progression in frontotemporal dementia. *JAMA Neurology*. 2013 Aug. doi: 10.1001/jamaneurol.2013.3258. **Coauthor or Collaborator**.
10. Farb NA, Grady CL, Strother S, Tang-Wai DF, **Masellis M**, Black S, Freedman M, Pollock BG, Campbell KL, Hasher L, Chow TW. Abnormal network connectivity in frontotemporal dementia: Evidence for prefrontal isolation. *Cortex*. 2013 Aug;49(7):1856-73. **Coauthor or Collaborator**.
11. Atkinson L, Gonzalez A, Kashy DA, Basilie V, **Masellis M**, Pereira J, Levitan R. Maternal Sensitivity and Infant and Mother Adrenocortical Function across Challenges. *Psychoneuroendocrinology*. 2013 Aug. doi:p11: S0306-4530(13)00288-6. 10.1016/j.psyneuen.2013.08.001. [Epub ahead of print]. **Coauthor or Collaborator**.

12. **Masellis M**, Sherborn K, Neto P, Sadovnick DA, Hsiung GY, Black SE, Prasad S, Williams M, Gauthier S. Early-onset dementias: diagnostic and etiological considerations. *Alzheimers Res Ther*. 2013 Jul 31;5(Suppl 1):S7. **Principal Author**.
13. Schwindt GC, Chaudhary S, Crane D, Ganda A, **Masellis M**, Grady CL, Stefanovic B, Black SE. Modulation of the default mode network between rest and task in Alzheimer's Disease. *Cerebral Cortex*. 2013 Jul;23(7):1685-94. **Coauthor or Collaborator**.
14. Nalls MA, Duran R, Lopez G, Kurzawa-Akanbi M, McKeith IG, Chinnery PF, Morris CM, Theuns J, Crosiers D, Cras P, Engelborghs S, De Deyn PP, Van Broeckhoven C, Mann DMA, Snowden J, Pickering-Brown S, Halliwell N, Davidson Y, Gibbons L, Harris J, Sheerin U, Bras J, Hardy J, Clark L, Marder K, Honig L, Berg D, Maetzler W, Brockmann K, Gasser T, Novellino F, Quattrone A, Annesi G, De Marco EV, Rogaeva E, **Masellis M**, Black SE, Bilbao JM, Foroud T, Ghetti B, Nichols WC, Pankratz N, Halliday G, Lesage S, Klebe S, Durr A, Duyckaer C, Brice A, Giasson BI, Trojanowski JQ, Hurtig HI, Tayebi N, Landazabal C, Knight MA, Keller M, Singleton AB, Wolfsberg TG, Sidransky E. A Multicenter Study of Glucocerebrosidase Mutations in Dementia with Lewy Bodies. *JAMA Neurology*. 2013 Jun;70(6):727-35. **Coauthor or Collaborator**.
15. **Masellis M**, Sherborn K, Rosa-Neto P, Sadovnick DA, Hsiung GYR, Black SE, Prasad S, Williams M, Gauthier S. Early onset dementias: Diagnostic and etiological considerations. *Alzheimer's Research & Therapy*. 2013 May;5(Suppl 1):S7. **Principal Author**.
16. Konvalinka A, Srivastava S, **Masellis M**. Taking the Kidney Personally: The Quest for Novel Antigens of Idiopathic Membranous Nephropathy Through Proteomic Approaches – Per Ardua Ad Astra? *Current Pharmacogenomics and Personalized Medicine*. 2013 Mar;11(1):5-7. **Senior Responsible Author**.
17. Ozdemir V, Borda-Rodriguez A, Dove ES, Ferguson LR, Huzair F, Manoloupulos VG, **Masellis M**, Mikilus D, Warnich L, Srivastava S. Public health pharmacogenomics and the design principles for global public goods – moving genomics to responsible innovation. *Current Pharmacogenomics and Personalized Medicine*. 2013 Mar;11(1):1-4. **Coauthor or Collaborator**.
18. Ozdemir V, LLerena A, McKinnon RA, Srivastava S, Dove ES, Ferguson LR, **Masellis M**, Nair B, Gurwitz D, Warnich L. Building a socio-technical GPS for global personalized medicine. *Current Pharmacogenomics and Personalized Medicine*. 2013 Mar;11(2):87-92. **Coauthor or Collaborator**.
19. Chow TW, Fam D, Graff-Guerrero A, Verhoeff NPG, Tang-Wai DF, **Masellis M**, Black SE, Wilson AA, Houle S, Pollock BG. FDG-PET in Semantic Dementia after 6 Months of Memantine: an Open-Label Pilot Study. *International Journal of Geriatric Psychiatry*. 2013 Mar;28(3):319-325. **Coauthor or Collaborator**.
20. Lam B, **Masellis M**, Freedman M, Stuss DT, Black SE. Clinical, imaging and pathologic heterogeneity of the Alzheimer's disease syndrome. *Alzheimer's Research & Therapy*. 2013 Jan;5(1):1 (Trainee publication). **Coauthor or Collaborator**.
21. Kalia LV, Lang AE, Aviv RI, **Masellis M**. Putaminal CT Hyperfusion in Hyperkinetic Disorders. *Neurology*. 2013;11(1):5-7. **Senior Responsible Author**.
22. Gauthier S, Patterson C, Chertkow H, Gordon M, Herrmann N, Rockwood K, Rosa-Neto P, Soucy JP, Al Rashed A, Bartha A, Bergman H, Bethell J, Black S, Bocti C, Borrie M, Burham A, Cook C, Crowson J, Donnelly M, Feldman H, Heckman G, Hogan D, Hsiung GY, Inglis G, Jacova C, Laforce R, Lactot K, Lee L, Leclair K, **Masellis M**, Massoud F, Moore A, Prasad S, Rabheru K, Sadovnick D, Trudeau L, Vedel I, Williams M. Recommendations of the 4th Canadian Consensus Conference on the diagnosis and treatment of dementia (CCCDTD4). *Canadian Geriatrics Journal*. 2012 Dec;15(4):120-6. **Coauthor or Collaborator**.
23. Xi Z, Zinman L, Grinberg Y, Moreno D, Sato C, Bilbao JM, Ghani M, Hernández I, Ruiz A, Boada M, Morón FJ, Lang AE, Marras C, Bruni A, Colao R, Maletta RG, Puccio G, Rainero I, Pinessi L, Galimberti D, Morrison KE, Moorby C, Stockton JD, **Masellis M**, Black SE, Hazrati LN, Liang Y, van Haersma de J With, Fornazzari L, Villagra R, Rojas-Garcia R, Clarimón J, Mayeux R, Robertson J, St George-Hyslop P, and Rogaeva E. Investigation of C9orf72 in Four Neurodegenerative Disorders. *JAMA Neurology*. 2012 Dec;69(12):1583-90. **Coauthor or Collaborator**.

24. Gauthier S, Patterson C, Chertkow H, Gordon M, Herrmann N, Rockwood K, Rosa-Neto P, Soucy JP, Al Rashed A, Bartha A, Bergman H, Bethell J, Black S, Bocti C, Borrie M, Burham A, Cook C, Crowson J, Donnelly M, Feldman H, Heckman G, Hogan D, Hsiung GY, Inglis G, Jacova C, Laforce R, Lactot K, Lee L, Leclair K, **Masellis M**, Massoud F, Moore A, Prasad S, Rabheru K, Sadovnick D, Trudeau L, Vedel I, Williams M. 4th Canadian consensus conference on the diagnosis and treatment of dementia. *Canadian Journal of Neurological Sciences*. 2012 Nov;39(6 Suppl 5):S1-8. **Coauthor or Collaborator**.
25. Kalia LV, Mozessohn L, Aviv R, Da Costa L, Lang AE, Shadowitz S, **Masellis M**. Hemichorea-hemiballism associated with hyperglycemia and a developmental venous anomaly (DVA). *Neurology*. 2012 Mar;78(11):838-839. Impact Factor 8.017 (Trainee publication). **Senior Responsible Author**.
26. Dandara C, Adebamowo C, de Vries J, Dove ES, Fisher E, Gibbs RA, Hotez PJ, Kickbusch I, Knoppers BM, **Masellis M**, Oestergaard MZ, Pang T, Rotimi CN. An idea whose time has come? An African foresight observatory on genomics medicine and data-intensive global science. *Current Pharmacogenomics and Personalized Medicine* (2012). 2012 Feb 7;10(1):7-15. **Coauthor or Collaborator**.
27. Özdemir V, Fisher E, Dove ES, Burton H, Wright G, Zimmern RL, **Masellis M**, Warnich L. End of the beginning and public health pharmacogenomics: Knowledge in 'mode 2' and P5 medicine. *Current Pharmacogenomics and Personalized Medicine*. 2012;10(1):1-16. **Coauthor or Collaborator**.
28. Wu L, Rosa-Nato P, Hsiung G-YR, Sadovnik AD, **Masellis M**, Black SE, Gia J, Gauthier S. Early-onset familial AD (EOFAD). *Canadian Journal of Neurological Sciences*. 2012;39(4):436-45. Impact Factor 1.179. **Coauthor or Collaborator**.
29. Freedman MS, Bar-Or A, Oger J, Traboulsee A, Patry D, Young C, Olsson T, Li D, Hartung HP, Krantz M, Fenczi L, Verco T, et al., **Masellis M**. A phase III study evaluating the efficacy and safety of MBP8298 in secondary progressive MS. *Neurology*. 2011 Oct 18;77(16):1551-60. Impact Factor 8.017. **Coauthor or Collaborator**.
30. Chow TW, Graff-Guerrero A, Verhoeff NPG, Binns M, Tang-Wai D, **Masellis M**, Black SE, Freedman M, Wilson A, Houle S, Pollock BG. An open-label study of the short-term effects of memantine on FDG-PET in frontotemporal dementia. *Journal of Neuropsychiatric Disease and Treatment*. 2011 Jun 8;7:415-424. **Coauthor or Collaborator**.
31. Shamy M, Zai C, Basile VS, Kennedy JL, Müller DJ, **Masellis M**. Ethical and policy considerations in the application of pharmacogenomic testing for Tardive Dyskinesia: Case study of the dopamine D3 receptor. *Current Pharmacogenomics and Personalized Medicine*. 2011 Jun;9(2):94-101 (Trainee publication). **Senior Responsible Author**.
32. Magistroni R, Cantù M, Ligabue G, **Masellis M**, Spisni E, Furci L, Lupo V, Eletto D, Cavazzini F, Albertazzi A. The interstitial liquid obtained from kidney biopsy as new source of renal biomarkers. *Journal of Nephrology*. 2011 May;24(3):329-37. Impact Factor 1.623. **Coauthor or Collaborator**.
33. Kamal SM, Warnich L, Ferguson LR, Srivastava S, Ray S, Avard D, Joly Y, Huynh ML, Page M, **Masellis M**, Dove ES, Gurwitz D, Özdemir V. Forward look: Tenth anniversary of the human genome sequence and 21st century postgenomics global health — A close up on Africa and women's health. *Current Pharmacogenomics and Personalized Medicine*. 2011;9(3):148-155. **Coauthor or Collaborator**.
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36. Lam B, Hollingdrake E, Kennedy JL, Black SE, **Masellis M**. Cholinesterase inhibitors in Alzheimer's disease and Lewy body spectrum disorders: The emerging pharmacogenetic story. *Human Genomics*. 2009 Dec;4(2):91-106 (Trainee publication, Supervised cognitive neurology fellow in preparation of manuscript). **Senior Responsible Author**.

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39. Levitan RD, Kaplan AS, **Masellis M**, Basile VS, Richter MA, Kennedy JL. The serotonin-1Dbeta receptor gene and severity of obsessive-compulsive disorder in women with bulimia nervosa. *European Neuropsychopharmacology*. 2006;16(1):1-6. Impact Factor 4.201. **Coauthor or Collaborator**.
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42. Levitan RD, **Masellis M**, Lam RW, Kaplan AS, Davis C, Tharmalingam S, Mackenzie B, Basile VS, Kennedy JL. A birth-season/DRD4 gene interaction predicts weight gain and obesity in women with seasonal affective disorder: A seasonal thrifty phenotype hypothesis. *Neuropsychopharmacology*. 2006;31(11):2498-503. Impact Factor 6.685. **Coauthor or Collaborator**.
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3. NON-PEER-REVIEWED PUBLICATIONS

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1. **Masellis M**, Black SE. Assessing patients complaining of memory impairment. *Geriatrics & Aging*. 2008;11(3):168-178. **Principal Author**.
2. **Masellis M**, Basile VS, Muglia P, Kennedy JL. Genetisch maßgeschneiderte psychopharmaka oder die frage nach der individuellen wirksamkeit. (Genetically-tailored drugs in psychiatry: To respond or not to respond? [English translation]). *ZNS Journal*. 2002;25:48-58. [German article]. **Principal Author**.

Book Chapters

1. Nadeau Y, **Masellis M**, Black SE. Woman with complaints about her left arm. In: Gauthier S & Rosa-Neto P, editor(s). *Case Studies in Dementia*. Cambridge: Cambridge University Press; 2011 (Trainee publication). **Coauthor or Collaborator**.

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2. Lam B, **Masellis M**, Black SE. Women with dementia and hepatic disease. In: Gauthier S, & Rosa-Neto P, editor(s). Case Studies in Dementia. Cambridge: Cambridge University Press; 2011 (Trainee publication). **Coauthor or Collaborator**.
3. **Masellis M**, Basile VS, Kennedy JL. Neuropsychopharmacogenetics: 'Stimulating' rationale therapy in Attention-Deficit/Hyperactivity Disorder (ADHD). In: Gorwood P, Hamon M, editor(s). Psychopharmacogenetics. New York: Kluwer Academic/Plenum Publishers; 2006. **Principal Author**.
4. **Masellis M**, Basile VS, Gubanov A, Kennedy JL. Chapter 18, Psychiatric pharmacogenetics: Prediction of treatment outcomes in schizophrenia. In: Licinio J & Wong ME, editor(s). Pharmacogenomics: The Search for Individualized Therapeutics. Wiley-VCH; 2002. p. 369-378. **Principal Author**.
5. Özdemir V, Basile VS, **Masellis M**, Muglia P, Kennedy JL. Pharmacogenetics and personalized therapeutics in psychiatry. In: Davis K, Charney D, Coyle J, Nemeroff C, editor(s). Neuropsychopharmacology: The Fifth Generation of Progress. New York: Lippincott Williams & Wilkins; 2002. p. 495-506. **Coauthor or Collaborator**.
6. Basile VS, **Masellis M**, Özdemir V, Meltzer HY, Macciardi FM, Kennedy JL. Application of pharmacogenetics to schizophrenia: Emerging insights from studies of clozapine response and tardive dyskinesia. In: A Breier, PV Tran, J Herrera, F Bymaster & G Tollefson, editor(s). Current Issues in the Psychopharmacology of Schizophrenia. Philadelphia, Baltimore, New York, London: Lippincott Williams & Wilkins; 2001. p. 85-110. **Coauthor or Collaborator**.
7. Basile VS, **Masellis M**, Macciardi FM, Kennedy JL. Role of genetic factors in antipsychotic side effect profiles in schizophrenia: A pharmacodynamic and pharmacokinetic paradigm. In: Kuhlmann J, & Roden DM, editor(s). Prediction of Clinical Drug Actions from In-vitro Approaches - Fact or Fiction? vol. 19. Munich, Bern, Vienna, New York: W. Zuckschwerdt-Verlag; 1999. p. 30-40. (Clinical Pharmacology Series). **Coauthor or Collaborator**.
8. **Masellis M**, Kennedy JL. Pharmacogenetics of response to clozapine in schizophrenia patients. In: Dirks LA & Hori W, editor(s). Schizophrenia: Latest Advances in Understanding and Drug Development. Southborough; 1996. p. 4.5.1-4.5.14. (IBC Biomedical Library Series). **Principal Author**.

Comment, Letters to Editor

1. Kalia LV, Lang AE, Aviv RI, **Masellis M**. Author response. Neurology. 2013 Sep 24;81(13):1181 (Trainee publication). **Senior Responsible Author**.

E. Patents and Copyrights

2014 Apr Determination of Single Nucleotide Polymorphisms Useful to Predict Response for Rasagiline, Patent, Granted, 61973603, United States, Mario Masellis (Primary Inventor), Joanne Knight, Maureen Collinson, Anthony Lang, James Kennedy, Joseph Levy, Amir Tchelet

F. Presentations and Special Lectures

1. INTERNATIONAL

Abstracts and Other Papers

2014 Oct 18 The application of personalized medicine for understanding clinical variability in rasagiline response in early Parkinson's Disease. American Society of Human Genetics. San Diego, California, United States. Presenter(s): Knight J, Collinson S, Freeman N, Tampakeras M, Levy J, Tchelet A, Eyal E, Berkovich E, Eliaz R,

Abler V, Grossman I, Tiwari A, Kennedy J, **Masellis M**.

- 2014 Jul Clinical memory performance covaries with cortical thinning of the default mode network in Alzheimer's Disease: The Sunnybrook Dementia Study. AAIC 2014. Copenhagen, Denmark. Presenter(s): **Masellis M**.
- 2014 Jun 11 **Presenter**. Getting 'personal' with rasagiline therapy in early Parkinson's disease: A retrospective pharmacogenetic study of the ADAGIO trial. 18th International Congress of Parkinson's Disease and Movement Disorders. Stockholm, Sweden. Presenter(s): **Masellis M**. Late Breaking Abstract. Authors: Masellis M, Collinson S, Freeman N, Tampakeras M, Levy J, Tchelet A, Eyal E, Berkovich E, Eliaz R, Abler V, Grossman I, Tiwari A, Kennedy JL, Knight J, Lang AE on behalf of the ADAGIO investigators.
- 2014 May 22 Clinical memory performance covaries with cortical thinning of the default mode network in Alzheimer's Disease: The Sunnybrook Dementia Study. IMS Scientific Day. Toronto, Ontario, Canada. Presenter(s): **Masellis M**.
- 2013 Apr 16 **Co-author**. Mesial Temporal Sclerosis: An Association with Age, Cerebrovascular Disease and TDP43 in Frontotemporal Lobar Degeneration. American Academy of Neurology 65th Annual Meeting. San Diego, California, United States. Presenter(s): Au K, Black SE, Bilbao J, **Masellis M**, Keith J.
- 2013 Apr 1 **Co-author**. Infant emotion coping strategy moderates the relation between maternal stress and infant cortisol levels. Society for Research in Child Development Biennial Meeting. Seattle, Washington, United States. Presenter(s): Khoury J, Steinhauer A, Gonzalez A, Levitan R, **Masellis M**, Basile V, Atkinson L.
- 2013 Mar 1 **Co-author**. Frontotemporal Lobar Degeneration (FTLD): Updated Pathology and Co-Existing Neurodegenerative Phenomena in a Cohort of 52 Patients. 102nd Annual Meeting of the United States and Canadian Academy of Pathology (USCAP). Baltimore, Maryland, United States. Presenter(s): Au K, Black S, Bilbao J, **Masellis M**, Keith J.
- 2013 Mar **Presenter**. Response to Cholinesterase Inhibitors in Lewy Body Spectrum Disorders: A Prospective Study using Perfusion SPECT. 11th International Conference on Alzheimer's & Parkinson's Disease. Florence, Italy. Presenter(s): Sherborn KV, Yu Y, Meradje K, Adams J, Guttman M, Freedman M, Kleiner-Fisman G, Lee J, Kennedy J, Miyasaki J, Chen R, Tang-Wai D, Lang AE, Herrmann N, Black SE, **Masellis M**. (Trainee Presentation).
- 2013 **Poster Presentation**. Factor Structure of Mother and Infant Cortisol Reactivity Indices: Stability and Congruence. 21st Annual Meeting of the World Congress of Social Psychiatry (WCSP). Lisbon, Portugal. Presenter(s): Khoury JE, Gonzalez A, Levitan R, **Masellis M**, Basile V, Atkinson L.
- 2012 Oct 13 **Co-author**. Effect of Sample Size on the Sensitivity of a Non-Parametric Permutation-Based Approach in Detecting Regionalized Perfusion Difference for a Simulated Case-Control ASL Study. ISMRM Scientific Workshop. Amsterdam, Netherlands. Presenter(s): Mersov A, Black SE, **Masellis M**, MacIntosh BJ. (Trainee Presentation).
- 2012 Sep **Co-author**. GENFI - The GENetic Frontotemporal dementia initiative. 8th International Conference on Frontotemporal Dementias. Manchester, United Kingdom. Presenter(s): Rohrer J, Rowe J, Gerhard A, Frisoni G, Borroni B, Galimberti D, Tagliavini F, Sorbi S, Bruni A, **Masellis M**, Finger E, Swieten JV, Graff C.
- 2012 Sep **Co-author**. Investigation of C9orf72 in four neurodegenerative disorders. 8th International Conference on Frontotemporal Dementias. Manchester, United Kingdom. Presenter(s): Rogaeva E, Xi Z, Zinman L, Grinberg Y, Moreno D, Sato C, Bilbao JM, Ghani, M, Hernández I, Ruiz A, Boada M, Morón FJ, Lang AE, Marras C, Bruni A, Colao R, Maletta R, Pinessi L, Rainero I, Galimberti D, Morrison K, Moorby C, Stockton J, **Masellis M**, Black SE, Hazrati LN, Fornazzari L, Villagra R, Rojas-Garcia R, Clarimón J, Mayeux R, Robertson J, St George-Hyslop P.
- 2012 Jun 17 **Co-Author**. A Multicenter Collaborative Study Demonstrates the Frequency of GBA Mutations in Dementia with Lewy Bodies Exceeds that in Parkinson Disease. The Movement Disorder Society's 16th International Congress of Parkinson's Disease and Movement Disorders. Dublin, Ireland. Presenter(s): Nalls MA, Duran R, Lopez G, Kurzawa-Akanbi M, McKeith IG, Chinnery PF, Morris CM, Theuns J,

Crosiers D, Cras P, Engelborghs S, De Deyn P, Van Broeckhoven C, Mann DMA, Snowden J, Pickering-Brown S, Halliwell N, Davidson Y, Gibbons L, Harris J, Sheerin U, Bras J, Hardy J, Clark L, Marder K, Honig L, Berg D, Maetzler W, Brockmann K, Gasser T, Novellino F, Quattrone A, Annesi G, De Marco EV, Rogaeva E, **Masellis M**, Black SE, Bilbao JM, Foroud T, Ghetti B, Nichols WC, et al.

- 2012 Jun 17 **Co-Author**. Characterization of movement disorder phenomenology in genetically or pathologically proven frontotemporal lobar degeneration: a systematic review of the literature. The Movement Disorder Society's 16th International Congress of Parkinson's Disease and Movement Disorders. Dublin, Ireland. Presenter(s): Shah BB, **Masellis M**, Harmic D, Fisman D, Kleiner-Fisman G. (Trainee Presentation).
- 2012 Jun **Co-author**. Genetic, clinical, and pathological associations of TDP43 pathology with cerebellar P62 inclusions (TDP43 Plus). American Association of Neuropathology Meeting. Chicago, Illinois, United States. Presenter(s): Munoz D, Rogaeva E, Zinman L, Young B, **Masellis M**, Black S, Robertson J, Keith J, Bilbao J.
- 2012 **Co-Author**. Maternal Cortisol Levels Moderate the Relation Between Maternal Depressive Symptoms and Infant Cortisol Levels. 46th Annual Meeting of the Association of Behavioural and Cognitive Therapies (ABCt). National Harbor, United States. Presenter(s): Khoury JE, Gonzalez A, Levitan R, **Masellis M**, Basile V, Atkinson, L.
- 2012 **Co-Author**. Longitudinal Associations Between Maternal Depressive Symptoms, Maternal Cortisol, and Infant Cortisol. Connaught Global Challenge International Symposium. Toronto, Ontario, Canada. Presenter(s): Khoury JE, Gonzalez A, Levitan R, **Masellis M**, Basile V, Atkinson L.
- 2011 Jun 6 **Senior Responsible Author**. Hemichorea-hemiballism associated with hyperglycemia and a basal ganglia developmental venous anomaly. 15th International Congress of Parkinson's Disease and Movement Disorders. Toronto, Ontario, Canada. Presenter(s): Kalia L, Mozessohn L, Aviv R, da Costa L, Shadowitz S, **Masellis M**. (Trainee Presentation).
- 2011 Apr **Presenter**. The impact of the right insula on behavior and cognition in frontotemporal dementia. 63rd Annual Meeting of the American Academy of Neurology. Honolulu, Hawaii, United States. Presenter(s): Farb N, Chow TW, Tang-Wai DF, **Masellis M**.
- 2011 Apr **Presenter**. Neuropsychological and brain SPECT features that distinguish corticobasal syndrome from non-hallucinatory dementia with Lewy bodies. 63rd Annual Meeting of the American Academy of Neurology. Honolulu, Hawaii, United States. Presenter(s): Misch MR, Francis P, Hollingdrake E, Lang AE, Black SE, **Masellis M**. (Trainee Presentation).
- 2011 Apr **Presenter**. Left inferior frontal gyrus hypoperfusion correlates with aphasia severity in corticobasal syndrome. 63rd Annual Meeting of the American Academy of Neurology. Honolulu, Hawaii, United States. Presenter(s): **Masellis M**, Francis P, Guimont I, Honjo K, Szilagyi G, Gao FQ, Lang AE, Black SE.
- 2011 Mar 11 **Presenter**. Differentiation of non-hallucinatory dementia with Lewy bodies from corticobasal syndrome: Neuropsychological and brain SPECT features. AD/PD 2011 Congress. Barcelona, Spain. Presenter(s): **Masellis M**, Misch MR, Francis P, Hollingdrake E, Lang AE, Black SE.
- 2011 **Co-Author**. Resting State Analysis for Diagnosis and Symptom Prediction in Frontotemporal Dementia (FTD). 41st Annual Meeting of the Society-for-Neuroscience. United States.
- 2010 Oct **Presenter**. Hypoperfusion in the left inferior frontal gyrus correlates with severity of aphasia in corticobasal syndrome. Abstract accepted as Poster Presentation. 7th International Conference on Frontotemporal Dementias. Indianapolis, United States. Presenter(s): **Masellis M**, Francis P, Guimont I, Honjo K, Szilagyi G, Gao F, Leibovitch F, Lang AE, Black SE.
- 2010 Apr **Presenter**. Visual hallucinations, visuospatial dysfunction and brain SPECT perfusion in dementia with Lewy bodies. 62nd Annual Meeting of the American Academy of Neurology. Toronto, Ontario, Canada. Presenter(s): Misch MR, Hollingdrake E, Black SE, **Masellis M**. (Trainee Presentation).
- 2010 **Presenter**. Hypoperfusion in the Left Inferior Parietal Lobule Correlates with Severity of Apraxia in Corticobasal Syndrome. 62nd Annual Meeting of the American Academy of Neurology. Toronto, Ontario,

- Canada. Presenter(s): **Masellis M**, Galpern W, Francis P, Guimont I, Leibovitch F, Lang AE, Black SE.
- 2009 Apr **Co-Author**. The interactional impact of maternal maltreatment history and current parenting stress on mother and infant cortisol reactivity. Society for Research in Child Development Biennial Meeting. Denver, Colorado, United States. Presenter(s): Atkinson L, Gonzalez A, Basile V, **Masellis M**, Goldberg S, Pereira J, Matthews S, Levitan R.
- 2009 Mar 13 **Presenter**. Depressive symptoms in an extended sample of corticobasal syndrome: Correlation with left anterior cingulate hypoperfusion. AD/PD 2009 Congress. Prague, Czech Republic. Presenter(s): **Masellis M**, Galpern W, Cotter A, Guimont I, Leibovitch F, Lang AE, Black SE.
- 2008 Jun Hemisphere differences in limb apraxia in corticobasal degeneration. 12th International Congress of Parkinson's Disease and Movement Disorders. Chicago, Illinois, United States. Presenter(s): Stamenova V, Roy EA, **Masellis M**, Almeida Q, Black SE.
- 2007 Mar 14 **Presenter**. Further characterization of a family with corticobasal syndrome and frontotemporal dementia with parkinsonism due to progranulin mutation. AD/PD 2007. Salzburg, Austria. Presenter(s): **Masellis M**, Momeni P, Meschino W, Heffner Jr.R, Elder J, Sato C, Liang Y, St George-Hyslop P, Hardy J, Bilbao J, Rogaeva E, Black SE. March 14-18, 2007.
- 2007 Mar 14 **Presenter**. Depressive symptoms in corticobasal syndrome correlate with decreased perfusion in the ventral anterior cingulate: A brain SPECT study. AD/PD 2007. Salzburg, Austria. Presenter(s): **Masellis M**, Galpern W, Cotter A, Guimont I, Leibovitch F, Lang AE, Black SE. March 14-18, 2007.
- 2006 Sep 6 **Presenter**. Clinical and neuropsychological correlates of corticobasal syndrome: A SPECT study. 5th International Conference on Frontotemporal Dementia. San Francisco, California, United States. Presenter(s): **Masellis M**, Galpern W, Cotter A, Guimont I, Liebovitch F, Lang AE, Black SE. September 6-8, 2006.
- 2003 Nov **Co-Author**. The dopamine D4 receptor gene associated with binge eating and obesity in women with seasonal affective disorder. Society for Light Treatment and Biological Rhythms Annual meeting. United States. Presenter(s): Levitan RD, Mackenzie BE, Kaplan As, **Masellis M**, Lam RW, Basile VS, Davis C, Tharmalingam S, Kennedy JL.
- 2003 Nov **Presenter**. The dopamine-D4 receptor gene associated with increased body mass: A behavioural model of obesity in two female psychiatric populations. American Society of Human Genetics Annual Meeting. Los Angeles, California, United States. Presenter(s): Levitan RD, **Masellis M**, Kaplan AS, Lam RW, Basile BS, Davis C, Muglia P, Tharmalingam S, Kennedy SH, Macciardi F, Kennedy JL.
- 2003 Oct **Co-Author**. The dopamine-D4 receptor gene associated with binge eating behaviour in women with seasonal affective disorder. Eating Disorder Research Society Annual Meeting. Ravello, Italy. Presenter(s): Mackenzie BE, Kaplan AS, Levitan RD, **Masellis M**, Lam RW, Basile VS, Davis C, Tharmalingam S, Kennedy JL.
- 2003 Oct **Co-Author**. The dopamine-D4 receptor gene associated with increased body mass in women with seasonal affective disorder or bulimia nervosa. Eating Disorder Research Society annual meeting. Ravello, Italy. Presenter(s): Levitan RD, **Masellis M**, Kaplan AS, Lam RW, Basile VS, Davis C, Muglia P, Tharmalingam S, Kennedy SH, Kennedy JL.
- 2003 Apr 11 **Co-Author**. Treatment resistant schizophrenia: Investigation of multi-drug resistance 1 gene. The Second Annual Pharmacogenetics in Psychiatry meeting. New York, United States. Presenter(s): De Luca V, Wong G, **Masellis M**, Muglia P, Krinsky M, Meltzer HY, Lieberman JA, Kennedy JL. April 11-12, 2003.
- 2003 Mar 29 **Co-Author**. Association study of dysbindin gene (DTBN1) Bfal polymorphism in schizophrenia. Congress on Schizophrenia Research. Colorado Springs, Colorado, United States. Presenter(s): De Luca V, Muglia P, **Masellis M**, Wong G, Kennedy JL. March 29-April 2, 2003.
- 2002 Dec **Co-Author**. Dopamine D4 receptor gene polymorphism associated with symptoms of Attention Deficit Disorder in women with Seasonal Affective Disorder. American College of Neuropsychopharmacology (ACNP). San Juan, Puerto Rico. Presenter(s): Levitan RD, **Masellis M**, Lam R, Muglia P, Basile VS, Jain

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U, Kaplan AS, Kennedy SH, Kennedy JL.

- 2002 Oct 23 **Co-Author.** Psychiatric pharmacogenetics: New images in the quest for individualized therapy. Medical Pharmacogenomics. Paris, France. Presenter(s): Basile VS, **Masellis M**, Kennedy JL. Oct. 23-30, 2002.
- 2002 Oct 22 **Co-Author.** Polimorfismo del recettore α -1A adrenergico: Aumento di peso e risposta [Italian Abstract]. Italian Society of Biological Psychiatry. Naples, Italy. Presenter(s): De Luca V, Basile VS, **Masellis M**, Meltzer HY, Lieberman JA, Kennedy JL. October 22-26, 2002.
- 2002 Oct **Co-Author.** Polymorphisms in glutamate decarboxylase genes: Analysis in schizophrenia. American Society of Human Genetics Annual Meeting. Brussels, Belgium. Presenter(s): De Luca V, **Masellis M**, Muglia P, Kennedy JL.
- 2002 Oct **Presenter.** Circadian clock related polymorphisms and the serotonin transporter promoter in seasonal affective disorder and seasonality. American Society of Human Genetics Annual Meeting. Presenter(s): Schalling M, Johansson C, Willeit M, Smedh C, Ekholm J, Paunio T, Lichtermann D, Praschak-Rieder N, Neumeister A, Nilsson LG, Kasper S, Peltonen L, Levitan R, Del Favero J, **Masellis M**, Basile V, Zill P, Bondy B, Van Broeckhoven C, Lam R, Adolfsson R, Partonen T.
- 2002 Aug 10 **Co-Author.** Pharmacogenetics and antipsychotic induced weight gain: A novel approach to weight regulation mechanisms. International Congress of Obesity. San Paolo, Brazil. Presenter(s): Basile VS, **Masellis M**, Kennedy JL. Aug. 10-16, 2002.
- 2002 Jul **Co-Author.** Genetic dissection of clozapine induced weight gain. XXIVth Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress. Montreal, Quebec, Canada. Presenter(s): Basile VS, **Masellis M**, Kennedy JL.
- 2002 Apr 12 **Co-Author.** Considerations in pharmacogenetic studies of stimulant response in ADHD. The First Annual Pharmacogenetics in Psychiatry Meeting, New York Marriot Marquis. New York, New York, United States. Presenter(s): Muglia P, **Masellis M**, Jain U, Inkster B, Kennedy JL, Barr CL. April 12-13, 2002.
- 2002 Apr 12 **Co-Author.** Human Alpha1A Adrenergic Receptor (ADRA1A) gene polymorphism: Response and weight gain to clozapine. The First Annual Pharmacogenetics in Psychiatry Meeting, New York Marriot Marquis. New York, New York, United States. Presenter(s): De Luca V, Basile VS, **Masellis M**, Meltzer HY, Lieberman JA, Kennedy JL. April 12-13, 2002.
- 2002 Apr **Co-Author.** Polymorphism of the serotonin 5-HT1B receptor gene (HTR1B) associated with minimum lifetime body mass index in women with bulimia nervosa. International Conference on Eating Disorders. Boston, United States. Presenter(s): Levitan RD, Kaplan AS, **Masellis M**, Kennedy SH, Basile VS, Lipson N, Siegel G, Macciardi F, Woodside BW, Kennedy JL.
- 2001 Oct **Presenter.** Alpha-1A adrenergic (ADRA1A) and serotonin 6 (HTR6) receptor gene polymorphisms and clinical response to clozapine. IXth World Congress of Psychiatric Genetics. Saint Louis, Missouri, United States. Presenter(s): **Masellis M**, Basile VS, DeLuca V, Meltzer HY, Lieberman JA, Potkin SG, Kennedy JL.
- 2001 Oct **Presenter.** Pharmacogenetic dissection of central and peripheral candidate genes in atypical antipsychotic-induced weight gain. IXth World Congress of Psychiatric Genetics. Saint Louis, Missouri, United States. Presenter(s): Basile VS, **Masellis M**, DeLuca V, Meltzer HY, Lieberman JA, Kennedy JL.
- 2001 May **Co-Author.** Polymorphism of the serotonin 5-HT1B receptor gene (HTR1B) associated with minimum lifetime body mass index in women with bulimia nervosa. American Psychiatric Association Meeting. New Orleans, United States. Presenter(s): Kaplan AS, Levitan RD, **Masellis M**, Kennedy SH, Basile VS, Walker ML, Lipson N, Siegel G, Macciardi F, Woodside BW, Kennedy JL.
- 2001 **Presenter.** Polymorphism of the 5-HT2A receptor gene associated with childhood attention deficit hyperactivity disorder in adult women with seasonal affective disorder. International Society of Psychiatric Genetics. Saint Louis, Missouri, United States. Presenter(s): Levitan RD, **Masellis M**, Lam R, Kennedy SH, Basile VS, Walker ML, Siegel G, Macciardi FM, Kennedy JL.

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- 2000 Aug **Speaker.** Pharmacogenetics of antipsychotic induced weight gain and tardive dyskinesia. Eighth World Congress on Psychiatric Genetics. Versailles, France. Presenter(s): Basile VS, **Masellis M**, Özdemir V, Walker ML, Meltzer HY, Lieberman JA, Potkin SG, Alva G, Kennedy JL.
- 2000 Aug **Presenter.** Novel histamine H1 gene polymorphism and clozapine induced weight gain. Eighth World Congress on Psychiatric Genetics. Versailles, France. Presenter(s): Basile VS, **Masellis M**, Özdemir V, Quiterio S, Meltzer HY, Lieberman JA, Mancama D, Arranz MJ, Kerwin RW, Kennedy JL.
- 2000 Jun 1 **Co-Author.** A pharmacogenetic assessment of the antipsychotic side effects of weight gain and tardive dyskinesia. DNA 2000: International Symposium on the State-of-the-Art in Genetic Analysis. Massachusetts Institute of Technology (MIT) and Harvard University. Boston, Massachusetts, United States. Presenter(s): Basile VS, Özdemir V, **Masellis M**, Walker ML, Meltzer HY, Lieberman JA, Potkin SG, Macciardi FM, Kennedy JL. June 1-3, 2000.
- 2000 May **Co-Author.** Polymorphism in serotonin system genes in seasonal affective disorder. Society for Light Treatment and Biological Rhythms Annual meeting. Evanston, Illinois, United States. Presenter(s): Levitan RD, **Masellis M**, Kennedy SH, Kaplan AS, Lam R, Basile V, Macciardi F, Walker M, Siegel G, Levitt A, Vaccarino FJ, Kennedy JL.
- 2000 May **Co-Author.** Serotonin genetic polymorphism in Bulimia Nervosa. Ninth International Conference on Eating Disorders. New York, United States. Presenter(s): Levitan RD, **Masellis M**, Kennedy JL, Kennedy SH, Kaplan AS, Vaccarino FJ, Woodside, BD.
- 2000 Apr 10 **Co-Author.** Pharmacogenetic assessment of tardive dyskinesia in schizophrenia: Putative role of the dopamine D3 receptor and cytochrome P450 genes. 23rd Annual Meeting of the Canadian College of Neuropsychopharmacology (CCNP). Marrakech, Morocco. Presenter(s): Kennedy JL, Basile VS, **Masellis M**, Özdemir V, Meltzer HY, Lieberman JA, Potkin SG, Macciardi FM. April 10-13, 2000.
- 2000 Feb 2 **Co-Author.** The pharmacogenetics of adverse reactions to antipsychotics. Global Medical Conference: Focus on Schizophrenia. Luzern, Switzerland. Presenter(s): Kennedy JL, Basile VS, **Masellis M**, Özdemir V, Kalow W, Meltzer HY, Lieberman JA, Potkin SG, Macciardi FM. February 2-4, 2000.
- 1999 Oct 14 **Co-Author.** Pharmacogenetics: Potential role of the cytochrome P450 1A2 and the dopamine D3 receptor genes in tardive dyskinesia. Seventh World Congress on Psychiatric Genetics. Monterey, California, United States. Presenter(s): Basile VS, Özdemir V, **Masellis M**, Paterson AD, Walker ML, Kalow W, Meltzer HY, Lieberman JA, Potkin SG, Remington G, Kennedy JL. October 14-18, 1999.
- 1999 Oct **Presenter.** Tardive dyskinesia in schizophrenia: Potential role and interaction of the cytochrome P450 1A2 and dopamine D3 receptor genes. 48th Annual Meeting of the American Society of Human Genetics. San Francisco, California, United States. Presenter(s): Basile VS, Özdemir V, **Masellis M**, Paterson AD, Walker ML, Kalow W, Meltzer HY, Lieberman JA, Potkin SG, Macciardi FM, Kennedy JL.
- 1999 May **Co-Author.** Serotonin genetic polymorphism in SAD and Bulimia nervosa. American Psychiatric Association, Annual Meeting. Washington, D.C. United States. Presenter(s): Levitan RD, **Masellis M**, Kennedy JL, Kennedy SH, Kaplan AS, Vaccarino FJ, Woodside BD.
- 1999 May **Co-Author.** Polymorphism in serotonin system genes in seasonal affective disorder. Society for Light Treatment and Biological Rhythms, Annual Meeting. Alexandria, Virginia, United States. Presenter(s): Levitan RD, **Masellis M**, Kennedy JL, Kennedy SH, Kaplan AS, Vaccarino FJ, Woodside BD.
- 1999 Apr 24 **Speaker.** A pharmacogenetic assessment of the cytochrome P450 1A2 gene and the dopamine D3 receptor gene in tardive dyskinesia. American Academy of Neurology; World Federation of Neurology (WFN): Neurogenetics Research Meeting. Toronto, Ontario, Canada. Presenter(s): Basile VS, Özdemir V, **Masellis M**, Kennedy JL.
- 1999 Apr **Presenter.** Dopamine system genes: Is DRD3 a putative risk factor for tardive dyskinesia? International Congress on Schizophrenia Research. Santa Fe, New Mexico, United States. Presenter(s): Basile VS, **Masellis M**, Meltzer HY, Lieberman JA, Potkin S, Remington G, Kennedy JL.
- 1998 Nov 2 **Co-Author.** Tardive dyskinesia: Assessment of the dopamine D3 receptor. Schizophrenia 1998:

- Reintegration in a Climate of Restraint, The 5th International Meeting. Toronto, Ontario, Canada.
Presenter(s): Basile VS, **Masellis M**, Meltzer HY, Lieberman JA, Potkin S, Remington G, Kennedy JL.
- 1998 Nov 2 **Presenter.** Polymorphism in serotonin genes and prediction of response to clozapine. Schizophrenia 1998: Reintegration in a Climate of Restraint, The 5th International Meeting. Toronto, Canada.
Presenter(s): **Masellis M**, Basile VS, Voineskos A, Meltzer HY, Lieberman JA, Nothen MM, Hamblin M, Kalow W, Kennedy JL. November 2-5, 1998.
- 1998 Nov **Co-Author.** Serotonin genetic polymorphism in bulimia nervosa. Eating Disorders Research Meeting. Boston, United States. Presenter(s): Levitan RD, **Masellis M**, Kennedy JL, Kennedy SH, Kaplan AS, Vaccarino FJ, Woodside BD.
- 1998 Oct 17 **Co-Author.** Association of the Msc1 polymorphism of the dopamine D3 receptor gene with tardive dyskinesia. 48th Annual Meeting of the American Society of Human Genetics. Denver, United States.
Presenter(s): Basile V, **Masellis M**, Paterson AD, Meltzer HY, Lieberman JA, Potkin S, Remington G, Kennedy JL. October 17-25, 1998.
- 1998 Oct 17 **Presenter.** Serotonin gene analysis in bulimia and seasonal affective disorder. 48th Annual Meeting of the American Society of Human Genetics. Denver, United States. Presenter(s): **Masellis M**, Levitan RL, Basile V, Voineskos A, Kennedy SH, Woodside B, Kennedy JL. October 17-25, 1998.
- 1998 Oct **Presenter.** Is variation in the dopamine D3 receptor gene associated with tardive dyskinesia? Sixth World Congress on Psychiatric Genetics. Germany. Presenter(s): Basile V, **Masellis M**, Paterson AD, Meltzer HY, Lieberman JA, Potkin S, Remington G, Kennedy JL.
- 1998 Jun 15 **Presenter.** Polymorphism in serotonin genes and prediction of response to clozapine. IBC's Pharmacogenomics/Pharmacogenetics. Philadelphia, United States. Presenter(s): **Masellis M**, Basile V, Voineskos A, Meltzer HY, Lieberman JA, Nothen MM, Hamblin M, Kalow W, Kennedy JL. June 15-16, 1998.
- 1998 Jun **Presenter.** Polymorphism in serotonin system genes in seasonal affective disorder and bulimia nervosa. Biological Psychiatry, Annual Meeting. Toronto, Ontario, Canada. Presenter(s): Levitan RD, Kaplan AS, **Masellis M**, Kennedy JL, Kennedy SH, Woodside BD, Vaccarino FJ, Sam F.
- 1998 May 30 **Co-Author.** Dopamine D3 receptor gene: Association with tardive dyskinesia. Annual Meeting of the American Psychiatric Association. Toronto, Canada. Presenter(s): Basile V, **Masellis M**, Paterson AD, Meltzer HY, Lieberman JA, Potkin SG, Kennedy JL. May 30-June 4, 1998.
- 1998 May 30 **Presenter.** Bulimia and seasonal affective disorder: Serotonin gene analysis. Annual Meeting of the American Psychiatric Association. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Levitan RD, Strong E, Kennedy SH, Kaplan AS, Sam F, Kennedy JL. May 30-June 4, 1998.
- 1998 May 30 **Co-Author.** Genetic association of serotonin system genes with bipolar disorder. Annual Meeting of the American Psychiatric Association. Toronto, Canada. Presenter(s): Hiscox WJ, Vincent JB, **Masellis M**, Parikh SV, Lawrence J, Gurling HMD, Kennedy JL. May 30-June 4, 1998.
- 1998 May **Co-Author.** Polymorphism in serotonin system genes in seasonal affective disorder. Society for Light Treatment and Biological Rhythms, Annual Meeting. Amelia Plantation, Carolina. Presenter(s): Levitan RD, **Masellis M**, Kennedy JL, Kennedy SH, Kaplan AS, Vaccarino FJ, Woodside BD.
- 1997 Oct **Presenter.** Pharmacogenetic analysis of the serotonin system and response to clozapine. World Congress on Psychiatric Genetics. Santa Fe, New Mexico, United States. Presenter(s): **Masellis M**, Badri F, Macciardi FM, Meltzer HY, Lieberman JA, Nothen MM, Hamblin M, Kalow W, Kennedy JL.
- 1997 Apr **Presenter.** D1 alleles predict clinical response to clozapine and corresponding brain metabolism: A genetic PET scan study. International Congress on Schizophrenia Research. Colorado Springs, Colorado, United States. Presenter(s): Potkin SG, Kennedy JL, Badri F, Jin Y, **Masellis M**, Gulasekaram B, Costa J, Keator DB, Telford J, Wu JC, Najafi A.
- 1997 Mar 6 **Co-author.** Genetic association analysis in serotonin system genes for bipolar affective disorder. Human

Genome Mapping. Toronto, Canada. Presenter(s): Vincent JB, **Masellis M**, Parikh SV, Chih-Hui Chen A, Lawrence J, Gurling HMD, Kennedy JL.

- 1996 Oct **Presenter.** Dopamine and serotonin system genes may predict clinical response to clozapine. 46th Annual Meeting of the American Society of Human Genetics. San Francisco, California, United States. Presenter(s): Badri F, **Masellis M**, Petronis A, Macciardi FM, Van Tol HHM, Cola P, Meltzer HY, Lieberman JA, Potkin S, Kennedy JL.
- 1996 Jun **Presenter.** Genetic mechanisms in response to haloperidol and risperidone treatments. XXth Collegium Internationale Neuro-Psychopharmacologicum Congress. Melbourne, Australia. Presenter(s): Macciardi F, Cavallaro R, Cohen S, **Masellis M**, Verga M, Kennedy JL, Serretti A, Pedrini S, Smeraldi E.
- 1996 Jun **Presenter.** Genetic studies of dopamine and serotonin system genes in clinical response to clozapine. XXth Collegium Internationale Neuro-Psychopharmacologicum Congress. Melbourne, Australia. Presenter(s): Kennedy JL, Badri F, **Masellis M**, Petronis A, Marino C, Macciardi F, Van Tol HHM, Cola P, Meltzer HY, Lieberman J.
- 1996 Jun **Presenter.** Genetic studies of dopamine and serotonin system genes in clinical response to clozapine. XXth Collegium Internationale Neuro-Psychopharmacologicum Congress. Melbourne, Australia. Presenter(s): Kennedy JL, Badri F, **Masellis M**, Petronis A, Marino C, Macciardi F, Van Tol HHM, Cola P, Meltzer HY, Lieberman J.
- 1995 Dec **Co-Author.** The dopamine D4 gene (DRD4): Population variation and clinical response to clozapine. Abstract, American College of Neuropsychopharmacology. San Juan, Puerto Rico. Presenter(s): Kennedy JL, Badri F, **Masellis M**, Macciardi FM, Van Tol HHM, Meltzer HY, Lieberman JA.
- 1995 Oct **Presenter.** Genetic studies of dopamine and serotonin system genes in clinical response to clozapine. 45th Annual Meeting of the American Society of Human Genetics. Presenter(s): Badri F, **Masellis M**, Petronis A, Marino C, Macciardi FM, Van Tol HHM, Cola P, Meltzer HY, Lieberman JA, Kennedy JL.

Invited Lectures and Presentations

- 2014 Sep 10 **Invited Lecturer.** Clinical Challenge: A case of hemichorea / ballism with frontal behavioural disturbance. Neuro Club Seminars. Milan, Milano, Italy. Presenter(s): **Masellis M**.
- 2014 Jul 12 **Invited Lecturer.** GENetic Frontotemporal Dementia Initiative (GENFI). Canadian Institutes for Health Research. Copenhagen, Denmark. Presenter(s): **Masellis M**. 3rd Meeting of the International Research Teams of the CIHR International Research Strategy on Alzheimer's Disease.
- 2014 Jun 11 **Invited Lecturer.** Movement Disorders Video Challenge Case Presentation. 18th International Congress of Parkinson's Disease and Movement Disorders. Stockholm, Sweden. Presenter(s): **Masellis M**.
- 2014 **Invited Lecturer.** Imaging Biomarkers in Amyloidopathy. 2014 Annual Meeting of the American Academy of Neurology. Philadelphia, United States. Presenter(s): **Masellis M**.
- 2014 **Invited Lecturer.** Genomics in Neurodegenerative Disorders: An Overview. 2014 Annual Meeting of the American Academy of Neurology. Philadelphia, United States. Presenter(s): **Masellis M**.
- 2014 **Invited Lecturer.** Imaging Biomarkers in Lewy Body Spectrum Disorders. 2014 Annual Meeting of the American Academy of Neurology. Philadelphia, United States. Presenter(s): **Masellis M**.
- 2013 Jul 13 **Invited Lecturer.** GENetic Frontotemporal Dementia Initiative (GENFI). Canadian Institutes for Health Research. Boston, Massachusetts, United States. Presenter(s): **Masellis M**. 2nd Meeting of the International Research Teams of the CIHR International Research Strategy on Alzheimer's Disease.
- 2013 **Invited Lecturer.** Network of Centres of Excellence in Neurodegeneration (COEN). Industry Workshop. London, United Kingdom. Presenter(s): **Masellis M**.
- 2013 **Invited Lecturer.** Establishing Therapeutic Efficacy in Familial Frontotemporal Degeneration (FTD). University of California San Francisco. San Francisco, California, United States. Presenter(s): **Masellis M**.

- 2013 **Invited Speaker.** The Early Cognitive Trajectory of Parkinson's Disease. International Behavioural Neurology Rounds. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2004 Nov 10 **Invited Lecturer.** Endophenotypes across Neuropsychiatric Disease – A Novel Approach to an Old Question: What Underlies Genetic Variability in Neuropsychopharmacological Response and Adverse Effects? Interactive Symposium on 'Recent Advances in Pharmacogenomics'. Treatments in Psychiatry: An Update, International Congress of the World Psychiatric Association. Florence, Italy. Presenter(s): **Masellis M**, Basile VS, Meltzer HY, Lieberman JA, Potkin SG, Black SE, Kennedy JL. November 10-13, 2004.
- 2003 Oct 24 **Invited Lecturer.** Endophenotypes in Pharmacogenetic Research: Lessons Learned from Antipsychotic Response and Side Effects. New Frontiers: Italian/Canadian Population Genomics and Bioinformatic Collaborations, Institute of Genetics and the Canadian Genetic Diseases Network, Canadian Institutes of Health Research (CIHR). Laurino, Italy. Presenter(s): **Masellis M.** October 24-28, 2003.
- 2002 Aug 24 **Invited Lecturer.** Neuropsychiatric Pharmacogenetics of Antipsychotics: Dissecting a Complex Phenotype into Individual Components. Symposium Title: Pharmacogenomics and Psychiatric Drug Development, XII World Congress of Psychiatry, Pan Pacific Center. Yokohama, Japan. Presenter(s): **Masellis M**, Basile VS, De Luca V, Ni X-J, Meltzer HY, Lieberman JA, Potkin SG, Kennedy JL. August 24-29, 2002.
- 2002 Aug 23 **Invited Lecturer.** Pharmacogenetics of Antipsychotic Treatment in Schizophrenia: Cleaning Up 'Dirty Drugs'. 'Schizophrenia: Why is it there, what is it, & where is it going?' International Conference of the Japanese Society of Psychiatric Genetics, Kannai Arai Hall. Yokohama, Japan. Presenter(s): **Masellis M**, Basile VS, De Luca V, Ni X-J, Meltzer HY, Lieberman JA, Potkin SG, Kennedy JL.
- 2002 Apr 12 **Invited Lecturer.** Psychiatric Pharmacogenetics of Clozapine Response: Cleaning Up a 'Dirty Drug'. The First Annual Pharmacogenetics in Psychiatry Meeting, New York Marriot Marquis. New York, New York, United States. Presenter(s): **Masellis M**, Basile VS, DeLuca V, Ni X-J, Meltzer HY, Lieberman JA, Potkin SG, and Kennedy JL. April 12-13, 2002.
- 2001 Mar **Invited Lecturer.** Antipsychotics Made To Order: Pharmacogenetics and its Application to Schizophrenia. Departmental Seminar, Department of Infant and Adolescent Neuropsychiatry, National Institute of Neurology "Carlo Besta", University of Milan. Milan, Italy. Presenter(s): **Masellis M.**
- 1999 Jul 16 **Invited Lecturer.** Antipsychotic Response to Clozapine: A Pharmacogenetic Approach. Departmental Seminar of Neurobiology, Doctorate of Research in Neuroscience, Department of Human Physiology and Integrated Biological Function, Second University of Naples. Naples, Italy. Presenter(s): **Masellis M**, Kennedy JL, Macciardi FM.
- 1996 Jun 6 **Invited Lecturer.** Pharmacogenetics of Response and Side Effects to Clozapine in Schizophrenia Patients. IBC's Second International Symposium, Schizophrenia: Latest Advances in Understanding and Drug Development. Philadelphia, United States. Presenter(s): **Masellis M**, Kennedy JL. June 6-7, 1996.

Media Appearances

- 2005 May 20 **Interviewed by Joan Arehart-Treichel, Senior Staff Writer.** Gene Testing Could Help Predict Drug Responses; and Gene-Coding Variants Can Affect Treatment Success. Newspaper of the American Psychiatric Association, Clinical and Research News Section. "Psychiatric News", Volume 40, Number 10.

Academic Lectures

- 2013 Apr 10 **Lecturer.** The early cognitive trajectory of Parkinson's disease. International Behavioural Neurology Rounds, Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2012 Jan 11 **Lecturer.** Managing non-motor symptoms and non-motor fluctuations in Parkinson's disease: Focus on the elderly patient. City-wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**

Mario MASELLIS

- 2011 Oct 19 **Lecturer.** Severity of ideomotor apraxia in corticobasal syndrome: Brain spect and neuropsychological correlates. City-wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 Apr 10 **Lecturer.** Hypoperfusion in the left inferior parietal lobule correlates with severity of apraxia in corticobasal syndrome. Abstract accepted as Platform Presentation. 62nd Annual Meeting of the American Academy of Neurology. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Galpern W, Francis P, Guimont I, Leibovitch F, Lang AE, Black SE.
- 2010 Feb 10 **Lecturer.** Case discussions of heterogeneity in frontotemporal dementia: What is really going on? City-wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2009 Sep 16 **Lecturer.** An unusual case of hemi-chorea and frontal behavioural disturbance. City-wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Kleiner-Fisman G.
- 1998 Jul 15 **Lecturer.** Genetic prediction of antipsychotic response following switch from typical antipsychotics to clozapine. XXIst Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress, Young Delegate Symposium. Glasgow, Scotland, United Kingdom. Presenter(s): **Masellis M**, Basile V, Macciardi FM, Meltzer HY, Lieberman JA, Nothen MM, Hamblin M, Kalow, Kennedy JL.

Continuing Education

- 2014 May 2 **Invited Lecturer.** Genomics in neurodegenerative disorders: An overview. 2014 Annual Meeting of the American Academy of Neurology. Philadelphia, Pennsylvania, United States. Presenter(s): **Masellis M.** Course C153 – Imaging and Genomics for Detecting Neurodegenerative Proteinopathy in Clinical Practice.
- 2014 May 2 **Invited Lecturer.** Imaging biomarkers in Lewy body spectrum disorders. 2014 Annual Meeting of the American Academy of Neurology. Philadelphia, Pennsylvania, United States. Presenter(s): **Masellis M.** Course C153 – Imaging and Genomics for Detecting Neurodegenerative Proteinopathy in Clinical Practice.
- 2014 May 2 **Invited Lecturer.** Imaging biomarkers in amyloidopathy. 2014 Annual Meeting of the American Academy of Neurology. Philadelphia, Pennsylvania, United States. Presenter(s): **Masellis M.** Course C153 – Imaging and Genomics for Detecting Neurodegenerative Proteinopathy in Clinical Practice.

Guided Poster Presentation

- 2014 Jun 12 **Senior Author.** Orthostatic hypotension in Lewy body disorders: Associations with cognition and arterial spin labeling (ASL) regional cerebral perfusion. 18th International Congress of Parkinson's Disease and Movement Disorders. Stockholm, Sweden. Authors: Messner MA, Robertson AD, Shirzadi Z, Crane DE, Sherborn K, Kleiner-Fisman G, MacIntosh BJ, **Masellis M.** (Trainee Presentation).

Invited Symposia

- 2000 Feb 14 **Invited Presenter.** Psychiatric Pharmacogenetics: Emerging Insights from Studies of Clozapine Response. Testing the dopamine hypothesis of Attention-Deficit Hyperactivity Disorder: Hypo or Hyper? INABIS 2000: 6th Internet World Congress for Biomedical Sciences, Castilla-La Mancha University. Ciudad Real, Spain. Presenter(s): **Masellis M**, Basile VS, Kennedy JL, Macciardi FM. February 14-25, 2000. <http://www.uclm.es/inabis2000/symposia/114/index/htm>.
- 1998 Jul 12 **Invited participant.** Pharmacogenetics in Psychosis, The First Consensus Conference, 'Consensus Group for Outcome Measures in Psychoses for Pharmacogenetic Studies'. Satellite Symposium, Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress. Glasgow, Scotland.

2. NATIONAL

Abstracts and Other Papers

- 2013 Oct 5 **Senior Responsible Author.** A prospective study of cholinesterase inhibitor response in Lewy body spectrum disorders using perfusion SPECT. 7th Canadian Conference on Dementia. Vancouver, British Columbia, Canada. Presenter(s): Sherborn KV, Li J, Messner M, Meradje K, Yu Y, Adams J, Guttman M, Freedman M, Kleiner-Fisman G, Lee J, Kennedy J, Miyasaki J, Chen R, Tang-Wai DF, Lang AE, Herrmann N, Black SE, **Masellis M.** (Trainee Presentation).
- 2012 **Co-Author.** Different States of Rest Reveal Contrasting Default Mode Abnormalities in Alzheimer's Disease. 27th International Conference of Alzheimer's Disease. Vancouver, British Columbia, Canada. Presenter(s): Schwindt GC, Chaudry S, Crane D, Ganda A, Jnik R, **Masellis M,** Black SE.
- 2009 Oct **Presenter.** The visual spectrum of dementia with Lewy bodies: Visual hallucinations, visuospatial dysfunction and brain SPECT perfusion. 5th Canadian Conference on Dementia. Toronto, Ontario, Canada. Presenter(s): Misch MR, Hollingdrake E, Black SE, **Masellis M.** (Trainee Presentation).
- 2008 Jun **Co-Author.** Maternal maltreatment history and current parenting stress influences the cortisol stress response of mothers and infants. Canadian Psychological Association Conference. Halifax, Nova Scotia, Canada. Presenter(s): Atkinson L, Pereire J, Basile V, Goldberg S, Gonzalez A, Levitan R, **Masellis M,** Madigan S.
- 2007 Oct 18 **Presenter.** Familial corticobasal syndrome due to progranulin mutation: Further evidence for genetic, phenotypic and pathological heterogeneity. Fourth Canadian Colloquium on Dementia. Vancouver, British Columbia, Canada. Presenter(s): **Masellis M,** Momeni P, Meschino W, Heffner Jr.R, Sato C, Pradella S, St George-Hyslop P, Hardy J, Bilbao J, Rogaeva E, Black SE. October 18-20, 2007.
- 2007 Jun **Presenter.** Disentangling indirect (semantic) and direct (visual-motor) routes to action in corticobasal syndrome. Meeting of Theoretical and Experimental Neuropsychology. Montreal, Quebec, Canada. Presenter(s): Stamenova V, Roy E, **Masellis M,** Black SE.
- 2007 Jun **Co-Author.** Imitation deficits in corticobasal syndrome are due to problems in translating visual gestural information into movement and not in processing that information. Meeting of Theoretical and Experimental Neuropsychology. Montreal, Canada. Presenter(s): Roy E, Stamenova V, **Masellis M,** Black SE.
- 1998 Jun **Co-Author.** Polymorphism in serotonin system genes in seasonal affective disorder and bulimia nervosa. Annual Meeting of the Canadian College of Neuropsychopharmacology. Montreal, Canada. Presenter(s): Levitan RD, **Masellis M,** Kennedy JL, Kennedy SH, Kaplan AS, Vaccarino FJ, Woodside BD.
- 1996 Jun 2 **Presenter.** Do serotonin system genes predict clinical response to clozapine? 19th Annual Meeting of the Canadian College of Neuropsychopharmacology. Toronto, Ontario, Canada. Presenter(s): **Masellis M,** Badri F, Meltzer HY, Lieberman JA, Cavazzoni P, Sevy S, Potkin S, Macciardi FM, Kalow W, Kennedy JL. June 2-5, 1996.
- 1996 Jun 2 **Co-Author.** Clinical response to clozapine may be related to the dopamine system genes. 19th Annual Meeting of the Canadian College of Neuropsychopharmacology. Toronto, Ontario, Canada. Presenter(s): Badri F, **Masellis M,** Petronis A, Macciardi FM, Van Tol HHM, Cola P, Meltzer HY, Lieberman JA, Potkin S, Kennedy JL. June 2-5, 1996.

Invited Lectures and Presentations

- 2014 **Presenter.** GENFI Data Access Committee. International Genetic Frontotemporal Dementia Initiative Meeting. Vancouver, British Columbia, Canada. Presenter(s): **Masellis M.**
- 2013 Apr 19 **Presenter.** Workshop II: Subcortical Dementias. Canadian Geriatrics Society 2013 Annual General Meeting. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**

Mario MASELLIS

- 2013 **Invited Speaker.** Lewy Body Dementia. Dementia Care Conference 2013. Winnipeg, Manitoba, Canada. Presenter(s): **Masellis M.**
- 2013 **Invited Speaker.** The Spectrum of Lewy Body Disease. Dementia Care Conference 2013. Winnipeg, Manitoba, Canada. Presenter(s): **Masellis M.**
- 2013 **Invited Speaker.** Treatment Options in Alzheimer's: Existing and Upcoming Therapies. Dementia Care Conference 2013. Winnipeg, Manitoba, Canada. Presenter(s): **Masellis M.**
- 2012 May 14 **Speaker.** The Spectrum of Lewy Body Disease: Dementia with Lewy Bodies and Parkinson's Disease Dementia. Canadian Dementia Resource and Knowledge Exchange (CDRAKE). On-line presentation May 14, 2012. Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Presentation to Patients/Public).
- 2012 Feb 18 **Invited Speaker.** Neurocognitive Disorders. 2012 LAUNCH (Leading Approach to Undertaking Neurology certifying exam CHallenge): Residents' Review and Development Program. Mississauga, Ontario, Canada. Presenter(s): **Masellis M.**
- 2011 Oct **Invited Lecturer.** An Update on Lewy Body Spectrum Disorders. 6th Canadian Conference on Dementia. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2011 Feb 19 **Invited Speaker.** Neurocognitive Disorders. 2011 LAUNCH (Leading Approach to Undertaking Neurology certifying exam CHallenge): Residents' Review and Development Program. Mississauga, Ontario, Canada. Presenter(s): **Masellis M.**

Media Appearances

- 2010 Sep 17 **Newspaper Article.** Why Canada Needs a National Strategy on Dementia. Quoted in the Globe & Mail, Health and Fitness Section. Toronto, Ontario, Canada.
- 2010 Mar 15 **Newspaper Article.** GlobeLife: Health & Fitness Section - Response to "Seriously?" column: Story Title: Does Using Underarm Deodorant Increase the Risk of Developing Alzheimer's? The Globe & Mail. Toronto, Ontario, Canada.
- 2006 **Interviewed by Sheryl Ubelacker, Health/Lifestyle Reporter..** Gene Related to Inherited Dementia Discovered. The Canadian Press. The Globe & Mail (July 16, 2006); The Toronto Sun (July 17, 2006); The Canadian Broadcast Company (CBC - July 16, 2006). Toronto, Ontario, Canada.

Academic Lectures

- 2007 Oct 18 **Lecturer.** Decreased perfusion in the ventral anterior cingulate predicts severity of depressive symptoms in corticobasal syndrome. Fourth Canadian Colloquium on Dementia. Vancouver, Ontario, Canada. Presenter(s): **Masellis M**, Galpern W, Cotter A, Guimont I, Leibovitch, Lang AE, Black SE. October 18-20, 2007.

Invited Symposia

- 2009 Nov **Invited Participant.** Biomarkers for Precision Medicine Initiative. Canadian Institutes of Health Research, Institute of Circulatory and Respiratory Health, Sheraton Gateway Hotel, Pearson International Airport. Toronto, Ontario, Canada.

Invited Workshop

- 2013 Aug 28 **Presenter.** Lewy body dementia: Dementia with Lewy bodies and Parkinson's dementia. Canadian Consortium of Neurodegeneration in Aging (CCNA) First Partners' Forum. Montreal, Quebec, Canada. Presenter(s): **Masellis M**, Camicioli R, Black SE.

Invited Workshops

- 2013 Mar 4 **Presenter.** Treatment Options in Alzheimer's: Existing and Upcoming Therapies. Dementia Care Conference 2013, Alzheimer Society of Manitoba. Winnipeg, Manitoba, Canada. Presenter(s): **Masellis M.**
- 2013 Mar 4 **Presenter.** Lewy Body Dementia. Dementia Care Conference 2013, Alzheimer Society of Manitoba. Winnipeg, Manitoba, Canada. Presenter(s): **Masellis M.**
- 2011 Oct 28 **Presenter.** Managing Patients with Dementia with Lewy Bodies and Related Disorders. 6th Canadian Conference on Dementia. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2009 Oct 1 **Presenter.** Lewy Body Spectrum Disorders: Dementia with Lewy Bodies and Parkinson's Disease Dementia. 5th Canadian Conference on Dementia. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**

Keynote Speaker

- 2013 Mar 4 **Keynote Speaker.** The Spectrum of Lewy Body Disease. Dementia Care Conference 2013, Alzheimer Society of Manitoba. Winnipeg, Manitoba, Canada. Presenter(s): **Masellis M.**

3. PROVINCIAL / REGIONAL

Invited Lectures and Presentations

- 2011 Oct 12 **Invited Lecturer.** Mind, Mood and Memory: The Hidden Challenges of Parkinson's Disease. Parkinson's Society Central and Northern Ontario. Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Presentation to Patients/Public).
- 2009 Oct 22 **Invited Lecturer.** Alzheimer's Disease: Current and Up and Coming Therapy. The Dementia Network of Haldimand Norfolk: 6th Annual Forum. Simcoe, Ontario, Canada. Presenter(s): **Masellis M.** (Presentation to Patients/Public).
- 2009 May 15 **Invited Lecturer.** Lewy Body Dementia. Alzheimer Society of Haldimand-Norfolk. Norfolk, Canada. Presenter(s): **Masellis M.** (Continuing Education).
- 2008 Oct 24 **Invited Lecturer.** Lewy Body Spectrum Disorders: The Spectrum of Dementia, Psychosis and Parkinsonism. The Dementia Network of Haldimand Norfolk: 5th Annual Forum. Jarvis, Ontario, Canada. Presenter(s): **Masellis M.** (Continuing Education).
- 2008 Oct 24 **Invited Lecturer.** The Frontotemporal Dementias: Syndromes Affecting Language and Behaviour. The Dementia Network of Haldimand Norfolk: 5th Annual Forum. Jarvis, Ontario, Canada. Presenter(s): **Masellis M.** (Continuing Education).
- 2008 Apr 8 **Invited Lecturer.** Clinical, Genetic and Pathological Heterogeneity of Corticobasal Syndrome: What You See Is Not What You Get! CNS Rounds, Department of Clinical Neurological Sciences, University of Western Ontario. London, Ontario, Canada. Presenter(s): **Masellis M.**

4. LOCAL

Abstracts and Other Papers

- 2009 Nov 27 **Presenter.** Dementia versus motor presentation of corticobasal syndrome: Clinical, neuropsychological, and SPECT correlates. Neurology Faculty Research Day, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M,** Galpern W, Guimont I, Francis P, Leibovitch F, Lang AE, Black SE.

- 2008 May 14 **Presenter.** Familial corticobasal syndrome due to progranulin mutation: Clinical, genetic and neuropathological characterization. Institute of Medical Sciences Scientific Day. University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Meschino W, Heffber Jr R, Sato C, Pradella S, St. George-Hyslop P, Hardy J, Bilbao J, Rogaeva E, Black SE.
- 2001 Jun 21 **Co-Author.** Alpha-1A Adrenoceptor (ADRA1A) gene polymorphism: Weight gain and response to clozapine. 27th Annual Harvey Stancer Research Day, Department of Psychiatry, University of Toronto. Toronto, Canada. Presenter(s): De Luca V, Basile VS, **Masellis M**, McIntyre RS, Meltzer HY, Lieberman JA, Kennedy JL.
- 2000 Jun 15 **Co-Author.** A pharmacogenetic assessment of the antipsychotic side effects of weight gain and tardive dyskinesia. 26th Annual Harvey Stancer Research Day, University of Toronto, Department of Psychiatry. Toronto, Ontario, Canada. Presenter(s): Basile VS, Özdemir V, **Masellis M**, Walker ML, Meltzer HY, Lieberman JA, Potkin SG, Macciardi FM, Kennedy JL.
- 1999 Jun 17 **Co-Author.** Pharmacogenetics: Potential role of the dopamine D3 receptor and cytochrome P450 1A2 genes in tardive dyskinesia. 25th Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry Centre for Addiction and Mental Health, University of Toronto. Toronto, Ontario, Canada. Presenter(s): Basile VS, Özdemir V, **Masellis M**, Paterson AD, Walker ML, Kalow W, Meltzer HY, Lieberman JA, Potkin SG, Remington G, Kennedy JL.
- 1999 Jun 17 **Presenter.** Aspects of quality of life in obsessive-compulsive disorder: Social functioning and illness intrusiveness. 25th Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry, Centre for Addiction and Mental Health, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Rector N, Hood K, Richter MA.
- 1997 Jun 19 **Presenter.** Does the 5-HT2C receptor gene contribute to increases in food intake and subsequent weight gain in three clinical populations? 23rd Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Meltzer HY, Levitan R, Kennedy SH, Kaplan A, Woodside B, Vaccarino F, Macciardi F, Kalow W, Kennedy JL.
- 1996 Nov 26 **Presenter.** Polymorphisms in serotonin system genes: Prediction of clinical response to clozapine. Program in Neuroscience Poster Day, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Badri F, Meltzer HY, Lieberman JA, Cavazzoni P, Sevy S, Potkin S, Macciardi FM, Kalow W, Kennedy JL.
- 1996 Oct 17 **Co-Author.** Clinical response to clozapine in schizophrenia shows positive association with dopamine system genes. The Fourth Annual Psychopharmacology Day, Sunnybrook Health Science Centre, University of Toronto. Toronto, Canada. Presenter(s): Badri F, **Masellis M**, Petronis A, Macciardi FM, Van Tol HHM, Meltzer HY, Lieberman JA, Potkin S, Kennedy JL.
- 1996 Jun 20 **Co-Author.** Genetics of clinical response to clozapine and the dopamine system. 22nd Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry, University of Toronto. Toronto, Ontario, Canada. Presenter(s): Badri F, **Masellis M**, Petronis A, Macciardi FM, Van Tol HHM, Cola P, Meltzer HY, Lieberman JA, Potkin S, Kennedy JL.
- 1996 Jun 20 **Presenter.** Genetic study of serotonin system genes and clinical response to antipsychotic medications. 22nd Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, F Badri, Cavazzoni P, Meltzer HY, Lieberman J, Potkin S, Macciardi F, Kennedy JL.
- 1995 Jun 15 **Presenter.** Genetic study of serotonin system genes in clinical response to antipsychotic medications. 21st Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Jones B, Cavazzoni P, Campbell D, Meltzer HY, Lieberman J, Kennedy JL.
- 1995 May 18 **Presenter.** Genetic study of serotonin system genes in clinical response to antipsychotic medications. Visions in Pharmacology, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Jones B, Cavazzoni P, Meltzer HY, Lieberman J, Kalow W, Kennedy JL.

Invited Lectures and Presentations

- 2014 Sep 23 **Presenter.** The Role of Genetics: Can I Pass it on to My Kids? Sunnybrook Speaker Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Presentation to Patients/Public).
- 2014 May 8 **Invited Lecturer.** Pharmacogenetics of Rasagiline Response in Early Parkinson's Disease. Sunnybrook Health Sciences Centre Brain Sciences Rounds. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2014 **Invited Speaker.** Hemi-Body Dancing and Frontal: an unusual case. Sunnybrook Health Sciences Centre Multidisciplinary Brain Science Rounds. Toronto, Ontario, Canada. Presenter(s): **Masellis M;** Keith J.
- 2014 **Invited Lecturer.** Lewy Body Spectrum Disorders: Clinical and Research Update. St. Michael's Hospital Neuroscience Rounds. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2013 Nov 22 **Invited Lecturer.** Genetic Evaluation of Frontotemporal Lobar Degeneration Spectrum Disorders: To test or not to test? J.C. Richardson Neurology Subspecialty Day. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2013 May 27 **Presenter.** Recent progress and treatment of Alzheimer's disease. Sunnybrook Speaker Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Presentation to Patients/Public).
- 2013 **Invited Speaker.** Lewy Body Spectrum Disorders: Dementia with Lewy Bodies and Parkinson's Disease Dementia. Sunnybrook Health Sciences Centre. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2013 **Invited Speaker.** Mapping the Trajectory of Cognitive Impairment in Parkinson's Disease. Sunnybrook Health Sciences Centre Medical Grand Rounds. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2013 **Invited Speaker.** Subcortical Dementias. Canadian Geriatrics Society 2013 Annual General Meeting. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2012 Sep 20 **Invited Speaker.** Recent Progress and Treatments of Alzheimer's and Dementia. Alzheimer Society York Region. York Region, Ontario, Canada. Presentation to Patients/Public.
- 2012 Mar 26 **Invited Lecturer.** Parkinson's Disease and Cognitive Changes. Mild Cognitive Impairment (MCI), The Annual Conference on Cognitive Neuroscience. Toronto, Ontario, Canada.
- 2012 Jan 18 **Invited Lecturer.** The Spectrum of Memory Loss from Normal Aging to Alzheimer's Disease. Alzheimer's Society of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Presentation to Patients/Public).
- 2012 **Online Presenter.** The Spectrum of Lewy Body Disease: Dementia with Lewy Bodies and Parkinson's Disease Dementia. Canadian Dementia Resource and Knowledge Exchange (CDRAKE). Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2012 **Invited Lecturer.** Parkinson's Disease and Cognitive Changes. Mild Cognitive Impairment (MCI), The Annual Conference on Cognitive Neuroscience, Rotman Research Institute. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2012 **Invited Speaker.** Neurocognitive Disorders. 2012 LAUNCH (Leading Approach to Understanding Neurology Certifying Exam Challenge): Residents Review and Development Program. Mississauga, Ontario, Canada. Presenter(s): **Masellis M.**
- 2012 **Invited Speaker.** Managing Non-Motor Symptoms and Non-Motor Fluctuations in Parkinson's Disease: Focus on the Elderly Patient. City-Wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2011 **Invited Lecturer.** Managing Patients with Dementia with Lewy Bodies and Related Disorders. 6th Canadian Conference on Dementia. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2011 **Invited Lecturer.** An Update on Lewy Body Spectrum Disorders. 6th Canadian Conference on Dementia. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**

- 2011 **Invited Lecturer.** Severity of Ideomotor Apraxia in Corticobasal Syndrome: Brain SPECT and Neuropsychological Correlates. City-Wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 Mar 24 **Invited Speaker.** Dementia with Lewy Bodies and Parkinson's Disease Dementia: The Spectrum. Geriatric Grand Rounds, North York General Hospital. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 **Invited Speaker.** Approach to Neuroimaging: Brain CT and MRI (and more): Part III. North York General Hospital Geriatrics Seminar Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 **Invited Speaker.** Approach to Neuroimaging: Brain CT and MRI (and more): Part II. North York General Hospital Geriatrics Seminar Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 **Invited Speaker.** Approach to Neuroimaging: Brain CT and MRI (and more): Part I. North York General Hospital Geriatrics Seminar Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 **Invited Speaker.** Dementia with Lewy Bodies and Parkinson's Disease Dementia: The Spectrum. Geriatric Grand Rounds North York General Hospital. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2010 **Invited Lecturer.** Case Discussions of Heterogeneity in Frontotemporal Dementia: What is Really Going On? City-Wide Behavioural Neurology International Video-Teleconference Rounds. Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2008 Nov 19 **Invited Lecturer.** Approach to Tremors. Neuroscience Day for the Family Physician - "Protecting the Brain & Mind". Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Continuing Education).
- 2007 Jun 1 **Invited Lecturer.** Parkinson's Disease: Treatment Update. Sunnybrook Neuroscience Day for the family physician: Integrating care of the brain and mind in clinical practice. Toronto, Ontario, Canada. Presenter(s): **Masellis M.** (Continuing Education).
- 2007 Jan 12 **Invited Lecturer.** Heterogeneity in Dementia: What You See Is Not What You Get! Royal College Visiting Professorship in Medical Research – Professor Ian R. Mackenzie, Department of Pathology, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M, Bilbao JM, Black SE.**
- Invited Speaker.** Mind, Mood and Memory: The Hidden Challenges of Parkinson's Disease. Parkinson's Society Central and Northern Ontario. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- Invited Speaker.** Management of Parkinson's Disease. Brain Sciences Day for Family Physicians: Preserving the Brain. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**

Academic Lectures

- 2013 Jun 12 **Lecturer.** Mapping the trajectory of cognitive impairment in Parkinson's disease. Sunnybrook Medical Ground Rounds. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2009 Jan 8 **Lecturer.** Familial corticobasal syndrome due to progranulin mutation. Joint Sunnybrook-Baycrest Neurosciences Day. Sunnybrook Health Sciences Centres. Toronto, Ontario, Canada. Presenter(s): **Masellis M.**
- 2007 Jun 11 **Lecturer.** Further characterization of a family with corticobasal syndrome due to progranulin mutation. Charles Hollenberg Clinician-Scientist Research Day, Department of Medicine, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M, Black SE.**
- 1999 Jun 17 **Lecturer.** Antipsychotic response to clozapine: A pharmacogenetic approach. 25th Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry, Centre for Addiction and Mental Health, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M, Basile VS, Özdemir V, Walker ML, Meltzer HY, Lieberman JA, Macciardi FM, Kalow W, Kennedy JL.**

Mario MASELLIS

- 1997 May 23 **Lecturer.** Polymorphisms in serotonin system genes: Prediction of response to clozapine. Visions in Pharmacology Research Symposium, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Macciardi FM, Meltzer HY, Lieberman JA, Nothen MM, Hamblin M, Kalow W, Kennedy JL.
- 1996 Oct 17 **Lecturer.** Polymorphisms in serotonin system genes: Prediction of clinical response to clozapine. The Fourth Annual Psychopharmacology Day, Sunnybrook Health Science Centre, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**, Badri F, Meltzer HY, Lieberman JA, Cavazzoni P, Sevy S, Potkin S, Macciardi FM, Kalow W, Kennedy JL.

CME Lectures

- 2011 Oct 5 **Lecturer.** Managing Non-Motor Symptoms and Non-Motor Fluctuations in PD. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2010 Nov 17 **Lecturer.** Approach to Neuroimaging: Brain CT and MRI (and more): Part III. North York General Hospital Geriatrics Seminar Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2010 Sep 29 **Lecturer.** Approach to Neuroimaging: Brain CT and MRI (and more): Part II. North York General Hospital Geriatrics Seminar Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2010 Aug 11 **Lecturer.** Approach to Neuroimaging: Brain CT and MRI (and more): Part I. North York General Hospital Geriatrics Seminar Series. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2009 Jun 3 **Lecturer.** Pharmacogenetics of Cholinesterase Inhibitors: Past, Present and Future. Behavioural Neurology Section Meeting, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2009 Jan 27 **Lecturer.** Neuro 101: Approach to the Neurological Exam. NE-GTA Regional Stroke Program, Acute Stroke Care. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2008 Dec 15 **Lecturer.** Lewy Body Spectrum Disorders: Parkinson's Disease Dementia and Dementia with Lewy Bodies. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).
- 2008 Nov 12 **Lecturer.** Cholinesterase-Inhibitor Responsive Dementias: A Focus on Genetics and Pharmacogenetics of Alzheimer's Disease and Lewy Body Spectrum Disorders. Peterborough, Ontario, Canada. Presenter(s): **Masellis M**. (Continuing Education).

Continuing Education

- 2014 May 10 **Invited Lecturer.** Managing the complex issues of moderate stage Parkinson's disease: To add, remove, increase or decrease? Toronto, Ontario, Canada. Presenter(s): **Masellis M**.

Invited workshops

- 2010 Dec 1 **Presenter.** Management of Parkinson's Disease. Brain Sciences Day for Family Physicians: Preserving the Brain. Toronto, Ontario, Canada. Presenter(s): **Masellis M**. Presentation to general practitioners.

G. Teaching and Design

1. INNOVATIONS AND DEVELOPMENT IN TEACHING AND EDUCATION

- 2012 Feb 18 Neurocognitive Disorders, Postgraduate MD, Faculty of Medicine, Dept of Medicine, Neurology
Invited faculty speaker at the 2012 LAUNCH (Leading Approach to Undertaking Neurology certifying exam CHallenge): Residents' Review and Development Program. The LAUNCH

program is a national initiative designed to provide comprehensive reviews of the major subject areas covered on the Royal College certification exams in neurology, and skill testing through multiple choice questions (MCQ) and practice OSCE scenarios. I presented a lecture and MCQs on the topic of neurocognitive disorders. It is attended by neurology residents from across Canada.

2011 Feb 19

Neurocognitive Disorders, Postgraduate MD, Faculty of Medicine, Dept of Medicine, Neurology

Invited faculty speaker at the 2011 LAUNCH (Leading Approach to Undertaking Neurology certifying exam CHallenge): Residents' Review and Development Program. The LAUNCH program is a national initiative designed to provide comprehensive reviews of the major subject areas covered on the Royal College certification exams in neurology, and skill testing through multiple choice questions (MCQ) and practice OSCE scenarios. I presented a lecture and MCQs on the topic of neurocognitive disorders. It is attended by neurology residents from across Canada.

2009 Dec - 2010 Jan

Dementia Educational Resource for PGY1 Psychiatry Trainees, Postgraduate MD, Faculty of Medicine, Dept of Medicine, Neurology, Sunnybrook Health Sciences Centre

I was the primary supervisor of Dr. Heidi Chau (PGY1 Psychiatry), who developed an educational resource for PGY1 psychiatry trainees rotating through the cognitive neurology service at Sunnybrook HSC. This document describes the dementia syndromes from the perspective of differential diagnosis and treatments.

2008 Apr 1

Assessing Patients Complaining of Memory Impairment. Continuing Education, Faculty of Medicine, Dept of Medicine, Neurology, Sunnybrook Health Sciences Centre

The thinking and recommendations from the article, "Masellis M, Black SE. Assessing Patients Complaining of Memory Impairment", published in Geriatrics & Aging in 2008, have been adopted by the Alzheimer's Society of Canada to support family doctors and specialists in assessing and diagnosing persons with dementia. This article was distributed at the Canadian Conference on Dementia and Conference of the College of Family Physicians of Canada. Furthermore, an excerpt from the paper entitled "Questions for Doctors when dementia is suspected" has been converted to a stand alone piece to hand out to physicians and is available on the Alzheimer's Society of Canada website.

2007

Of Genes and Drugs: Genetic Determinants of Adverse Drug Reactions, Multilevel Education, Faculty of Medicine, Dept of Medicine

Invited presenter for the Henry Stewart Talk Series (CD-ROM series): Masellis, M. (2007), "Of Genes and Drugs: Genetic Determinants of Adverse Drug Reactions", in Arranz, M. (ed.), Psychopharmacogenetics: Genetic Factors Influencing the Kinetics and Dynamics of Psychotropic Drugs, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <http://www.hstalks.com/bio>).

H. Research Supervision

1. PRIMARY OR CO-SUPERVISION

Undergraduate Education

2014 Sep - 2014 Dec

Primary Supervisor. B. Sc. Qinggang (Terry) Yu. Supervisee Position: Co-op Student, Supervisee Institution: University of Toronto Press. *ApoE Effect on MRI Structural Measures in Alzheimer's Disease and Dementia with Lewy Bodies: A Comparative Study.*

2014 May - 2014 Aug

Primary Supervisor. B. Sc. Julian Li. Supervisee Position: Undergraduate Year 3, Supervisee Institution: Western University. *Parkinson's Related Dementia: A Pharmacogenomic Study of Cholinesterase Inhibitors Investigating Cognitive Benefit, Motor Worsening, and Brain SPECT.*

2014 May - 2014 Aug

Primary Supervisor. B. Sc. Jordana Compagnone. Supervisee Position: Undergraduate

Mario MASELLIS

Year 3, Supervisee Institution: Western University. *Standard Treatment Algorithms Against Non-Dopaminergic Symptoms of Parkinson's Disease: STAANDS-PD*. Awards: SRI Brain Sciences Summer Studentship \$3200.

2013 May - 2013 Aug

Primary Supervisor. B. Sc. Julian Li. Supervisee Position: Undergraduate Year 2, Supervisee Institution: University of Western Ontario. *Parkinson's related dementia: A pharmacogenomic study of cholinesterase inhibitors investigating cognitive benefit, motor worsening and brain SPECT*. Awards: SRI Brain Sciences Summer Studentship \$3000.

2012 May - 2012 Dec

Co-Supervisor. B. Sc. Anna Mersov. Supervisee Position: Undergraduate Year 4, Supervisee Institution: McMaster University. *Orthostatic hypotension in Lewy body spectrum disorders: Cognitive, structural and perfusion perspectives*. Collaborator(s): MacIntosh B.

2012 May - 2012 Aug

Primary Supervisor. B. Sc. Zhe Yu. Supervisee Position: Undergraduate Year 3, Supervisee Institution: University of Toronto. *Parkinson's related dementia: A study to understand changes in response to cognitive enhancers using brain SPECT imaging and genomics*. Awards: SRI Brain Sciences Summer Studentship \$2000.

2011 May - 2011 Aug

Primary Supervisor. B. Sc. David Dongkyung Kim. Supervisee Position: Undergraduate Year 3, Supervisee Institution: Western University. *An ASL perfusion imaging study of orthostatic hypotension in Parkinson's disease*. Awards: SRI Brain Sciences Summer Studentship \$2000. Completed 2011.

2010 May - 2010 Jul

Primary Supervisor. B. Sc. Rosaleen Athaide. Supervisee Position: Undergraduate Year 3, Supervisee Institution: Western University. *Pharmacogenomics of cholinesterase inhibitors in Lewy body disease*. Awards: SRI Brain Sciences Summer Studentship \$2000. Completed 2010.

Graduate Education

2015 Jan - 2017 Jul

Co-Supervisor. MSc. Usman Saeed. Supervisee Position: Graduate Student, Supervisee Institution: University of Toronto. *Parkinson's Related Dementia: A Pharmacogenomic Study of Cholinesterase Inhibitors Investigating Cognitive Benefit, Motor Worsening, and Brain SPECT*. Supervisor(s): Masellis M; Black SE.

Undergraduate MD

2012 Sep - 2013 Apr

Primary Supervisor. Graeme Schwindt. Supervisee Position: Medical Student, Supervisee Institution: Sunnybrook Health Sciences Centre. *Determinants of community health - Project title: Educational attainment and behavioural and psychological symptoms in dementia: A retrospective cohort study of a community dwelling sample*.

2010 Sep - 2011 Apr

Primary Supervisor. Year 2. Aaron Silverman. Supervisee Position: Medical Student, Supervisee Institution: Sunnybrook Health Sciences Centre. *Determinants of community health - Project title: Differences in safety needs between Alzheimer's and Lewy body disease*. Completed 2011.

2010 Sep - 2011 Apr

Primary Supervisor. Year 2. Marissa Hang. Supervisee Position: Medical Student, Supervisee Institution: Sunnybrook Health Sciences Centre. *Determinants of community health - Project title: Impact of neuropsychiatric symptoms in predicting caregiver distress and patient quality of life in patients with dementia*. Completed 2011.

2010 Jun - 2010 Aug

Primary Supervisor. Year 2. Mike Misch. Supervisee Position: Summer student, Supervisee Institution: Sunnybrook Health Science Centre. *Longitudinal SPECT in dementia with Lewy bodies and Parkinson's disease dementia*. Awards: Parkinson's Disease Foundation Summer Student Fellowship \$3000. Completed 2010.

2009 Sep - 2010 May

Primary Supervisor. Year 2. Mike Misch. Supervisee Position: Medical Student, Supervisee Institution: Sunnybrook Health Science Centre. *Determinants of community health - Project title: Educational attainment and rate of progression in dementia: Investigation of a community sample from the Sunnybrook Dementia Study*. Collaborator(s): Sandra Black. Completed 2010.

2009 Jun - 2009 Aug

Primary Supervisor. Year 1. Mike Misch. Supervisee Position: Summer student, Supervisee Institution: Sunnybrook Health Science Centre. *Longitudinal SPECT in dementia with Lewy*

bodies and Parkinson's disease dementia. Awards: Sunnybrook Brain Sciences Summer Studentship \$2000. Completed 2009.

Postgraduate MD

- 2010 Sep - present **Primary Supervisor.** Core Program. Mike Misch. Supervisee Institution: Sunnybrook Health Sciences Centre. *Differentiating visual hallucination free dementia with Lewy bodies from corticobasal syndrome: A neuropsychological and brain SPECT study.*
- 2009 Jul - present **Co-Supervisor.** Clinical Fellow. Benjamin Lam. Supervisee Position: Clinical Fellow, Supervisee Institution: Sunnybrook Health Sciences Centre. *Criterion and convergent validity of the Montreal Cognitive Assessment with screening and standardized neuropsychological testing.*
- 2014 Sep - 2014 Oct **Primary Supervisor.** Lu Gao. Supervisee Position: Elective Student, Supervisee Institution: Sunnybrook Health Sciences Centre. Supervisor(s): Masellis M.
- 2012 Jul - 2013 Jun **Primary Supervisor.** PGY5 Neurology Resident. Sara Mitchell. Supervisee Position: PGY5 Neurology Resident, Supervisee Institution: Sunnybrook Health Sciences Centre. *Differentiating visual hallucination free dementia with Lewy bodies from corticobasal syndrome: A neuropsychological and brain SPECT study.*
- 2011 Jul - 2012 Jun **Primary Supervisor.** PGY4 Neurology Resident. Koorosh Shirkoool. Supervisee Institution: University of Toronto. *Visual hallucinations in Lewy body dementia.*
- 2010 Dec - 2012 Mar **Primary Supervisor.** PGY5 Neurology Resident. Lorraine V. Kalia. Supervisee Position: PGY5 Neurology Resident, Supervisee Institution: University of Toronto. *Hemichorea-hemiballism associated with hyperglycemia and a developmental venous anomaly (DVA). Published in Neurology (2012) 78(11): 838-839., Completed 2012.*
- 2010 Dec - 2011 Jun **Primary Supervisor.** PGY5 Neurology Resident. Michel Shamy. Supervisee Position: PGY5 Neurology Resident, Supervisee Institution: University of Toronto. *Ethical and policy considerations in the application of pharmacogenomic testing for tardive dyskinesia: Case study of the dopamine D3 receptor. Published in Current Pharmacogenomics and Personalized Medicine (2011). 9(2): 94-101., Completed 2011.*
- 2010 Aug - 2012 Jul **Co-Supervisor.** Clinical Fellow. Alexandra Kim. Supervisee Position: Clinical Fellow, Supervisee Institution: Sunnybrook Health Sciences Centre.
- 2009 Dec - 2010 Jan **Primary Supervisor.** PGY1 Psychiatry Resident. Heidi Chau. *Review of dementia syndromes.* Completed 2010.
- 2009 Nov - 2009 Dec **Primary Supervisor.** PGY2 Neurology Resident. Koorosh Shirkoool. Supervisee Position: PGY2 Neurology Resident, Supervisee Institution: University of Toronto. *Visual hallucinations in Lewy body dementia.* Completed 2009.
- 2009 Jul - 2010 Jul **Co-Supervisor.** Clinical Fellow. Yannick Nadeau. Supervisee Position: Clinical Fellow, Supervisee Institution: Sunnybrook Health Sciences Centre. *Woman with complaints about her left arm. In: Case Studies in Dementia.* Completed 2010.
- 2008 Jul - 2009 Jun **Primary Supervisor.** Clinical Fellow. Benjamin Lam, MD. Supervisee Position: Clinical Fellow, Supervisee Institution: Sunnybrook Health Sciences Centre. *Pharmacogenetics of cholinesterase inhibitors.* Completed 2009.

Postdoctoral Research Fellow (PhD)

- 2014 Jul - 2015 Jun **Primary Supervisor.** In Progress. Kunjumon Vadakkan. *Developing Lipid Biomarkers of Alzheimer's Disease.*

2. OTHER SUPERVISION

Multilevel Education

Physician Assistant

2014 Oct Angela Yee. Supervisee Institution: University of Toronto.

Research Volunteer

2014 Nov - 2015 May Mina Abbasalou.

Graduate Education

2015 Jan - 2017 Jan **MSc.** Usman Saeed. Supervisee Institution: University of Toronto. Supervisor(s): Masellis M; Black SE.

I. Creative Professional Activities

- 2008 Assessing Patients Complaining of Memory Impairment.
The thinking and recommendations from the article, "Masellis M, Black SE. Assessing Patients Complaining of Memory Impairment", published in Geriatrics & Aging in 2008, have been adopted by the Alzheimer's Society of Canada to support family doctors and specialists in assessing and diagnosing persons with dementia. This article is being distributed at the Canadian Conference on Dementia and Conference of the College of Family Physicians of Canada. Furthermore, an excerpt from the paper entitled "Questions for Doctors when dementia is suspected" is being converted to a stand alone piece to hand out to physicians.
- 2007 "Of Genes and Drugs: Genetic Determinants of Adverse Drug Reactions".
Invited presenter for the Henry Stewart Talk Series (CD-ROM series): Masellis, M. (2007), "Of Genes and Drugs: Genetic Determinants of Adverse Drug Reactions" in Arranz, M. (ed.), Psychopharmacogenetics: Genetic Factors Influencing the Kinetics and Dynamics of Psychotropic Drugs, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <http://www.hstalks.com/bio>).