



**GeNeDis**  
Geriatrics & Neurodegenerative Disease



## CONFERENCE PROGRAM

### TORONTO

FRIDAY AFTERNOON October 26, 2018

Venue	Lennox Hall, Theatre
17:00-21:00	Official Opening
17:00-18:30	Registration
18:30-19:00	Welcome addresses
19:15-20:00	<p>Key Note address</p> <p>Chair: Panayiotis Vlamos</p> <p><b>George Paxinos</b>, Professor, AO DSc FASSA FAA, NHMRC Australia Fellow, Neuroscience Research Australia, Barker St and Hospital Rd, Randwick, Sydney</p> <p>Title: <i>Brain &amp; Mind: Who is the puppet and who the puppeteer?</i></p>
20:15-21:00	<p>Key Note address</p> <p>Chair: Ilias Kotsireas</p> <p><b>Constantine Lyketsos</b>, MD, MHS, Elizabeth Plank Althouse Professor, Director, Memory and Alzheimer's Treatment Center, Chair, Bayview Department of Psychiatry and Behavioral Sciences, Johns Hopkins Medicine</p> <p>Title: <i>Treatment development for Alzheimer's disease: How are we doing?</i></p>
21:00	Welcome Cocktail



**SATURDAY October 27, 2018**

Venue	Lennox Hall, Theatre
10:00-11:00	<b>Neuroscience and Modern Technology</b>
10:00-10:30	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Ioannis Tarnanas</b></p> <p><b>Spyridon Doukakis</b>, Educator Mathematics, Computer Science, ICT, Neuroeducation, Distance Learning, Teacher Education and Training Villanova University</p> <p>Title: <i>Exploring Brain Activity in Visual and Textual Programming using Neuroeducation Approaches</i></p>
10:30-11:00	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Ioannis Tarnanas</b></p> <p><b>Vasiliki Machairaki</b>, M.Sc., Ph.D., Assistant Professor of Neurology, Johns Hopkins School of Medicine</p> <p>Title: <i>Human pluripotent stem cells as in vitro models of neurodegenerative diseases</i></p>
11:00-12:00	<b>Neuropsychology and Aging</b>
11:00-11:30	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Themis Exarchos</b></p> <p><b>Christos Plakiotis</b>, Unit Head, Aged Persons Mental Health Service, Monash Health, Adjunct Senior Lecturer, Department of Psychiatry, Monash University</p> <p>Title: <i>What does the literature tell us about the welfare of psychiatrists in training?</i></p>
11:30-12:00	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Themis Exarchos</b></p> <p><b>Panagiotis Roussos</b>, Associate Professor of Psychiatry and Genetics and Genomic Sciences at the Icahn School of Medicine at Mount Sinai</p> <p>Title: <i>Big Data Analysis and Genetic Liability to Neuropsychiatric Disease</i></p>



Venue	Lennox Hall, Theatre
12:00-13:00	<b>Social Interaction of Neurodegenerative Patients</b>
12:00-12:30	<p style="text-align: center;"><b>Key Note address</b> <b>Chair: Panayiotis Vlamos</b></p> <p><b>Joseph DeSouza</b>, Associate Professor Systems Neuroscience, York University, Toronto</p> <p>Title: <i>Learning choreography in expert ballet dancers and people with Parkinson's disease</i></p>
12:30-13:00	<p style="text-align: center;"><b>Key Note address</b> <b>Chair: Panayiotis Vlamos</b></p> <p><b>Kristine Newman</b>, Associate Professor at Ryerson University in the Faculty of Community Services, Daphne Cockwell School of Nursing, Ontario</p> <p>Title: <i>Engaging social interest and creating awareness for the behavioral and psychological symptoms of dementia</i></p>
13:00-14:00	<b>Lunch Break</b>
14:00-15:30	<b>Neurodevelopment and Neurodegeneration</b>
14:00-14:30	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Ilias Kotsireas</b></p> <p><b>Nektarios Tavernarakis</b>, Chairman of the Board of Directors, Foundation for Research and Technology, Research Director, Inst. of Molecular Biology and Biotechnology, Prof. of Molecular Systems Biology, Medical School, Univ. of Crete</p> <p>Title: <i>Regulation and roles of autophagy in the brain</i></p>
14:30-15:00	<p style="text-align: center;"><b>Key Note address</b> <b>Chair: Phivos Mylonas</b></p> <p><b>Dimitrios Kapogiannis</b>, Clinical Investigator, Laboratory of Neurosciences, National Institute on Aging; Associate Professor, Department of Neurology, Johns Hopkins University</p> <p>Title: <i>Exosome biomarkers revolutionize preclinical diagnosis of neurodegenerative diseases and assessment of treatment responses in clinical trials</i></p>



<b>Venue</b>	<b>Lennox Hall, Theatre</b>
<b>15:00-15:30</b>	<b>Neurodevelopment and Neurodegeneration</b>
<b>15:00-15:30</b>	<b>Key Note address</b> <b>Chair: Phivos Mylonas</b>  <b>Christos Yapijakis</b> , Assistant Professor of Neurogenetics 1st Department of Pediatrics, School of Medicine, University of Athens  Title: <i>Regulatory role of microRNAs in brain development and function</i>
<b>15:30-16:00</b>	<b>Coffee Break</b>
<b>16:00</b>	<b>Parallel Event</b>  <b>Opening Exhibition</b>  Title: <i>Reimagining sexual reproduction, fertility and the future. In the present...</i>  <b>Artists:</b> Andrew Carnie, Samira Daneshvar, Byron Rich & Liz Flyntz and Adam Zaretsky  <b>Location:</b> The SciArt Cabinets Gallery, Koffler Student Centre, 214 College Street, Toronto, Ontario, M5T 2Z9



Venue	Lennox Hall, Theatre
16:00-17:00	<b>Animal Models of Brain Structure and Function</b>
16:00-16:30	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Astero Provata</b></p> <p><b>Stavros Taraviras</b>, Professor, Department of Physiology at the Medical School, University of Patras, Director Stem Cell Laboratory</p> <p>Title: <i>Getting insights into human hydrocephalus from mouse model</i></p>
16:30-17:00	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Astero Provata</b></p> <p><b>Clifford Kentros</b>, Professor, NTNU, Kavli Institute for Systems Neuroscience, Kentros Research Group, Norway</p> <p>Title: <i>Molecular genetic dissection of the neural circuitry of memory</i></p>
17:00 – 18:00	<b>Recent Advances in Neurodegeneration</b>
17:00-17:30	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Phivos Mylonas</b></p> <p><b>Benjamin Wolozin</b>, MD, PhD, Professor, School of Medicine, Boston University</p> <p>Title: <i>Membrane-less organelles and RNA binding proteins: The biological underpinnings of neurodegeneration</i></p>
17:30-18:00	<p style="text-align: center;"><b>Key Note address</b></p> <p style="text-align: center;"><b>Chair: Ilias Kotsireas</b></p> <p><b>Nikolaos Robakis</b>, Professor of Psychiatry, Neuroscience and experimental therapeutics, First A.P. Slaner family Professor for Alzheimer disease research. Icahn School of Medicine at Mount Sinai</p> <p>Title: <i>What do recent clinical trials teach us about the etiology of Alzheimer's neurodegeneration</i></p>



<b>Venue</b>	<b>Lennox Hall, Theatre</b>
<b>18:00-19:30</b>	<b>Special Session</b>
	<p style="text-align: center;"><b>Chair: Roberta Buiani</b></p> <p style="text-align: center;">Speakers: <b>Byron Rich, Samira Daneshvar, Adam Zaretsky &amp; Dolores Steinman</b></p> <p style="text-align: center;">Title: <i>Gene editing, sexual reproduction and the arts: the present, the future and the imagined</i></p>
<b>19:30</b>	<b>Gala Dinner</b>

**SUNDAY October 28, 2018**

<b>Venue</b>	<p style="text-align: center;"><b>University of Toronto (UoT)</b></p> <p style="text-align: center;"><b>Bahen Centre for Information Technology</b></p> <p style="text-align: center;"><b>Room: BA 1130</b></p>
<b>10:00-11:00</b>	<b>Special Session</b>
<b>10:00-10:30</b>	<p style="text-align: center;"><b>Chair: Panayiotis Vlamos</b></p> <p style="text-align: center;">Title: <b>Springer handbooks on computational neurodegeneration</b></p>
<b>10:30-11:00</b>	<p style="text-align: center;"><b>Chair: Ilias Kotsireas</b></p> <p style="text-align: center;">Title: <b>Maplesoft tutorial</b></p>
<b>11:00-16:00</b>	<b>Best Paper Award</b>
	<p style="text-align: center;"><b>Chair: Panayiotis Vlamos</b></p> <p style="text-align: center;"><b>Presentations of Selected Papers</b></p>
<b>16:00</b>	<b>Closing</b>

