

**The Research Centre on Aging  
presents**

*Biology of Aging: Paving the  
way for healthy aging*

**MEETING PROGRAM**



**Centre de recherche  
sur le vieillissement  
Research Centre  
on Aging**



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**October 19-20, 2016  
Hotel Bonaventure Montreal  
Montreal, Qc**

# PRELIMINARY PROGRAM

October 19th, 2016

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<b>8h15 – 8h30</b>	<b>OPENING CEREMONY</b>
	NICOLE DUBUC, Université de Sherbrooke, Canada PIERRETTE GAUDREAU, Université de Montréal, Canada JEAN-PIERRE PERREAULT, Université de Sherbrooke, Canada RÉMI QUIRION, McGill University, Canada YVES JOANETTE, Université de Montréal, Canada
<b>8h30 – 9h10</b>	<b>OPENING LECTURE</b>
	PETER M. LANSDORP, University of British Columbia, Canada
<b>9h10 – 10h40</b>	<b>1st SESSION</b> <b><i>Immunosenescence, Inflammation and Vaccination</i></b>
9h10 – 9h45	Speakers: <b>GIUSSEPPE DEL GIUDICE</b> , GSK Vaccines, Italy Title:
9h45 – 10h05	<b>DANIELA FRASCA</b> , University of Miami, USA <b><i>The pro-inflammatory B cell subsets of elderly individuals express a senescent-associated secretory phenotype and are negatively associated with the influenza vaccine response</i></b>
10h05 – 10h25	<b>RUTH R. MONTGOMERY</b> , Yale University, USA Title:
10h25 – 10h45	<b>JANET E. MCELHANEY</b> , Northern Ontario School of Medicine, Canada <b><i>Targets for immunomodulation through influenza vaccination</i></b>
<b>10h45 – 11h10</b>	<b>COFFEE BREAK</b>
<b>11h10 – 12h35</b>	<b>2nd SESSION</b> <b><i>Longitudinal studies/cohort studies</i></b>
11h10 – 11h45	Speakers: <b>GRAHAM PAWELEC</b> , University of Tübingen, Germany <b><i>Immune Parameters Associated with Mortality in the Elderly are Context-Dependent: Lessons from Sweden, Holland and Belgium</i></b>
11h45 – 12h05	<b>ANDREA B. MAIER</b> , University of Melbourne, Australia <b><i>Biogerontological lessons learned from cohort studies: ready for clinical use?</i></b>
12h05 – 12h25	<b>ALAN COHEN</b> , Université de Sherbrooke, Canada Title:
12h25 – 12h45	<b>Selected paper presentation</b> Title:
<b>12h45 – 13h45</b>	<b>LUNCH - Posters &amp; Exhibits</b>

<b>13h45 – 15h25</b>	<b>3rd SESSION</b> <b><i>Stems cells/age-associated diseases/biomarkers</i></b>
13h45 – 14h20	Speakers: <b>GUANG-HUI LIU</b> , Institute of Biophysics, Chinese Academy of Sciences, China <b><i>Using stem cell and gene editing techniques to study and treat aging-associated disorders</i></b>
14h20 – 14h40	<b>HARTMUT GEIGER</b> , Ulm University, Germany Title:
14h40 – 15h00	<b>ANDREAS SIMM</b> , Martin-Luther University, Germany <b><i>Protein glycation and cardiovascular aging</i></b>
15h00 – 15h20	<b>ARNOLD MITNITSKI</b> , Dalhousie University, Canada <b><i>Biological and clinical markers of aging: an attempt of integration</i></b>
<b>15h20 – 15h45</b>	<b>COFFEE BREAK – Posters &amp; Exhibits</b>
<b>15h45 – 17h15</b>	<b>4th SESSION</b> <b><i>Genetic and Epigenetics</i></b>
15h45 – 16h20	<b>JOAO PEDRO DE MAGALHAES</b> , University of Liverpool, United Kingdom <b><i>Building haystacks and finding needles in the genomics of ageing</i></b>
16h20 – 16h40	<b>ANNE BRUNET</b> , Stanford University, USA Title:
16h40 – 17h00	<b>ALEXANDER M. KULMINSKY</b> , Duke University, USA <b><i>Pleiotropic Associations of Genetic Variants with Risks of Human Age-Related Disease Traits and Mortality</i></b>
17h00 – 17h20	<b>JEREMY VANRAAMSDONK</b> , Van Andel Research Institute, USA <b><i>Understanding the causes of aging: accumulation of damage or genetically-programmed switch?</i></b>
<b>17h20 – 18h00</b>	<b>PLENARY LECTURE</b> <b>VISHWA DEEP DIXIT</b> , Yale University, USA <b><i>Harnessing Immune-Metabolic Interactions to Enhance Healthspan</i></b>
<b>19h00 – 21h00</b>	<b>DINER</b>

## October 20th, 2016

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### 8h30 – 9h50 PLENARY LECTURES

8h30 – 9h10 **CLAUDIO FRANCESCHI**, University of Bologna, Italy  
Title:

9h10 – 9h50 **BRIAN K. KENNEDY**, Buck Institute for Research on Aging, USA  
Title:

### 9h50 – 11h00 6th SESSION *Cell senescence, metabolism, aging and cancer*

Speakers:  
9h50 – 10h25 **S. MICHAL JAZWINSKI**, Tulane University, USA  
Title:

10h25 – 10h45 **GERARDO FERBEYRE**, Université de Montréal, Canada  
*The biology of cellular senescence and aging biomarkers*

10h45 – 11h05 **JACEK WITKOWSKI**, Medical University of Gdansk, Poland  
Title:

### 11h05 – 11h20 COFFEE BREAK – Posters & Exhibits

### 11h20 – 12h55: 7th SESSION *Cell metabolism, Diabetes and aging*

Speakers:  
11h20 – 11h55 **ARNE AKBAR**, London's Global University, United Kingdom  
*The convergence of senescence and nutrient sensing pathways in T cells during ageing*

11h55 – 12h15 **FERNANDO MACIAN**, Albert Einstein College of Medicine, USA  
*Autophagy and aging: implications for T cell function*

12h15 – 12h35 **JOSÉ MORAIS**, McGill University, Canada  
Title:

12h35 – 12h55 **ANIS LARBI**, Agency for Science, Technology and Research, Singapore  
Title:

### 12h55 – 14h00 LUNCH & DISCUSSION

**GRAHAM PAWELEC**, University of Tübingen, Germany  
*Recent progress in aging research and the translational applications*

### 14h00 – 15h50 8th SESSION *Aging, brain and dementia*

Speakers:  
14h00 – 14h35 **ANATOLIY YASHIN**, Duke University, USA  
*Aging and Alzheimer's disease: Combining evidence from GWAS and other studies*

14h35 – 14h55 **JUDITH MIKLOSSY**, International Alzheimer Research Center, Switzerland  
Title:

14h55 – 15h15 **STEPHEN CUNNANE**, Université de Sherbrooke, Canada  
Title:

15h15 – 15h50	<b>COFFEE BREAK – Posters &amp; Exhibits</b>
15h50 – 17h30	<b>9th SESSION</b> <i>Interventions - Geroscience</i>
15h50 – 16h25	Speakers: <b>FELIPE SIERRA</b> , National Institute on Aging, USA Title:
16h25 – 16h45	<b>RICHARD SIMPSON</b> , University of Houston, USA Title:
16h45 – 17h05	<b>PIERRETTE GAUDREAU</b> , Université de Montréal, Canada Title :
17h05 – 17h45	<b>CLOSING LECTURE</b> <b>STEVE HORVATH</b> , University of California, Los Angeles, USA <i>Epigenetic clock and biological age: recent results</i>
17h45 – 18h00	<b>CLOSING REMARKS</b>

- END OF MEETING -



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