

**Scientific Symposium in Honor of
Professor Emil F. Pai: Why Structure Matters
Thursday July 19th 2018 Medical Sciences Building 2172**

- 8:30 Opening Remarks
- 8:45 **Pedram Mehrabi** - Post-Doctoral Fellow, Max Planck Institute for the Structure and Dynamics of Matter
A journey through time: Capturing proteins in action
- 9:10 **Braden Sweeting** - Process Improvement Scientist, Sanofi Pasteur
Structural considerations in competent pertussis vaccine manufacturing
- 9:35 **Jean-Philippe Julien**, Canada Research Chair in Structural Immunology
Scientist, Hospital for Sick Children and Assistant Professor, Departments of Biochemistry and Immunology, University of Toronto
Putting structures into immunity
- 10:00 **Jian Payandeh** - Scientist, Structural Biology, Genentech
Targeting membrane proteins
- 10:25 Coffee
- 10:45 **Masahiro Fujihashi** - Assistant Professor, Department of Chemistry, Kyoto University
Determination and application of enzyme structure
- 11:10 **Vivian Saridakis** - Associate Professor, Department of Biology, York University
Viral hijacking of the deubiquitinase USP7
- 11:35 **Ning Wu** - Assistant Professor, Center for Cancer and Cell Biology, Van Andel Research Institute
Structure, from a non-structural scientist's point of view
- 12:00 **Steve Bryson** - Motion Graphics Science Animation, stevebrysonphd.ca
From inside the science story; to making stories for science
- 12:25 **Lunch** - Memories
- 2:00 **Matthew Kimber** - Associate Professor, Department of Molecular and Cellular Biology, University of Guelph
Structures and interactions underpinning carbon fixation in β -cyanobacterial carboxysomes
- 2:25 **Piotr Sliz** - Associate Professor of Pediatrics and of Biological Chemistry and Molecular Pharmacology, Harvard University
Molecular basis for the interaction of let-7 microRNAs with Lin28
- 2:50 **Vincent Stoll** - Research Fellow and Associate Director of Structural Biology, AbbVie
Remarkable structures lead to remarkable impact on patients
- 3:15 **Ute Krengel** - Professor, Department of Chemistry, University of Oslo
Remote control by inter-enzyme allostery - Or: The marvelous world of chorismate mutases
- 3:40 Coffee
- 4:00 **Connell Lecture: Gregory Petsko** - Professor of Neuroscience, Brain and Mind Research Institute, Weill Cornell Medical College and Arthur J. Mahon Professor of Neuroscience, Brain and Mind Research Institute, Weill Cornell Medical College
Structure and mechanism of a master regulator of cell fate determination in the human immune system: Two heads really are better than one