

# 2nd International Symposium on Retinal and Choroidal Angiogenesis

From Basic Research to Clinical Practice



## PROGRAM – Tuesday, October 20<sup>th</sup>, 2022

7 h 30 AM Registration and welcome of participants

8 h 15 AM **Opening remarks**  
**Ekat Kritikou, PhD, Vice Dean of Research and Development,**  
**University of Montreal, Montreal, Quebec, Canada**

*Moderator:* **Bruno Larrivée, PhD**

8 h 30 AM *Shaping the vascular tree - principles and regulation of endothelial behaviour*  
**Holger Gerhardt, PhD, Max-Delbrück-Centrum (MDC) for Molecular Medicine,**  
Berlin, Germany

9 h 10 AM *Hematopoietic stem/progenitor cells mobilize from distinct bone marrow compartments in response to retinal injury*  
**Maria Grant, MD, FARVO, University of Alabama Birmingham, Alabama, USA**

9 h 50 AM *Coronary Angiocrines to Stimulate Heart Regeneration*  
**Rubén Marin Juez, PhD, Centre de recherche du CHU Sainte-Justine**  
University of Montreal, Montreal, Quebec, Canada

10 h 15 – 10 h 30 AM Coffee break

*Moderator:* **Sylvain Chemtob, MD, PhD**

10 h 30 AM *Targeting pathologic signaling to restore homeostasis in age-related macular degeneration*  
**Mary-Elizabeth Hartnett, MD, FACS, FARVO, John A. Moran Eye Center,**  
University of Utah, Salt Lake City, Utah, USA

11 h 10 AM *Translational Studies in phase I ROP*  
**Lois E. H. Smith, MD, PhD, Harvard Medical School, Boston Children's Hospital,**  
Boston, Massachusetts, USA

11 h 50 AM *Allosteric Modulators of Inflammatory Pathways As Treatments of Retinal and Choroidal Vascular Degeneration*  
**William D. Lubell, PhD, University of Montreal, Montreal, Quebec, Canada**

12 h 15 – 1 h 45 PM Lunch

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**Moderator: Przemyslaw (Mike) Sapienza, PhD**

1 h 45 PM      *The Key Role of VEGF in Ocular Angiogenesis*  
**Napoleone Ferrara, MD, PhD**, University of California San Diego (UCSD)  
La Jolla, California, USA

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2 h 35 PM      *Mineralocorticoid pathway activation in retinal pathology*  
**Francine Behar-Cohen, MD, PhD**, Centre de Recherche des Cordeliers,  
University Paris Cité, Paris, France

3 h 15 – 3 h 30 PM Coffee break

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**Moderator: Jean-Sébastien Joyal, MD, PhD**

3 h 30 PM      *Cellular senescence, aging and the nucleolus*  
**Gerardo Ferbeyre, MD, PhD**, Centre de recherche du Centre Hospitalier de  
l'Université de Montréal (CHUM), Montreal, Quebec, CANADA

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3 h 55 PM      *Cellular Senescence and Endothelial Cell Function in Retinopathy*  
**Malika Oubaha, PhD**, Université du Québec à Montréal (UQÀM),  
Montreal, Quebec, CANADA

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4 h 20 PM      *Visualizing Neutrophil Dynamics on the Eye*  
**Ajitha Thanabalasuriar, PhD**, McGill University, Montreal, Quebec, CANADA

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4 h 45 PM      *Laser-assisted technologies enable precise subretinal drug delivery and spatially  
guided endothelial tubulogenesis*  
**Christos Boutopoulos, PhD**, Research Center Maisonneuve-Rosemont Hospital,  
Montreal, Quebec, Canada

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5 h 10 PM      **Closing remarks**

5 h 15 PM      Cocktail