



Department of Anatomy and Cell Biology

Hosted by Dr. Nathalie Lamarche-Vane

Mannix Auger-Messier, PhD

Associate Professor, Faculty of Medicine and Health Sciences, Université de Sherbrooke



“Proximity assay extends our understanding of p38 MAPK actions in cardiomyocytes.”

Pr Auger-Messier is a pharmacologist (Ph.D. from the University of Sherbrooke, 2005) and a molecular cardiovascular biologist (postdoctoral fellowship in Jeffery D. Molkentin's lab, HHMI, Cincinnati). He is a research professor at the Faculty of Medicine and Health Sciences - University of Sherbrooke (Division of Cardiology) since 2011. His research program aims to delineate cell signaling mechanisms participating in heart physiology and disease. His laboratory exploits a wide range of approaches from molecular pharmacology to physiopathology studies of the heart in genetically modified mouse models. Ongoing studies in his laboratory focus on elucidating the mechanisms of action, amongst others, of p38 MAPK and APJ receptor signaling in the heart.

Pr. Auger-Messier is going to present novel and unpublished findings about the interactome of p38 MAPK in cultured cardiomyocytes. As exemplified with one of the protein identified by APEX-mediated proximity assay, Pr Auger-Messier will provide evidences about a previously unrecognized p38-dependant signaling pathway that may significantly impact the biology of cardiomyocytes. The Auger-Messier laboratory is funded by the Natural Sciences and Engineering Research Council of Canada (NSERC), Heart and Stroke Foundation of Canada (HSFC), the Canadian Foundation for Innovation (CFI), and the Canadian Institutes of Health Research (CIHR).

Wednesday, November 7th, 2018

11:30 am

Strathcona Anatomy Building

3640 University Street

Room 2/36

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