

Connecting Canada & the UK Part 1:

Stem Cells and Regenerative Medicine Symposium



MAY 24, 2022

11 AM - 1 PM ET | 4 PM - 6 PM GMT

Speaker

**MICHAEL
LAFLAMME**

Senior Scientist,
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Register at stemcellnetwork.ca



Powering
Regenerative
Medicine

Réseau de
Cellules Souches
Propulsions
la médecine
régénérative



UK Regenerative
Medicine Platform



Engineering and
Physical Sciences
Research Council

Biochemistry and
Biological Sciences
Research Council

Medical
Research
Council

Michael Laflamme, Senior Scientist, McEwen Stem Cell Institute, Canada

Presentation title: Current status of cardiac regenerative medicine in Canada

Dr. Michael Laflamme is the Robert McEwen Chair in Cardiac Regenerative Medicine, Canada Research Chair (Tier 1) in Cardiovascular Regenerative Medicine, Senior Scientist in the McEwen Stem Cell Institute, Staff Pathologist in the Laboratory Medicine Program at the University Health Network (UHN), and Associate Professor in Laboratory Medicine & Pathobiology at the University of Toronto. He leads a research program that is focused on developing novel cardiac cell therapies based on human pluripotent stem cells (hPSCs), and his laboratory has made a number of important contributions in this area including efficient protocols to guide hPSCs into cardiomyocytes, proof-of-concept transplantation studies with hPSC-derived cardiomyocytes in preclinical models, and the first direct demonstration that hPSC-derived cardiomyocytes can become electrically integrated and activate synchronously with host myocardium in injured hearts. Dr. Laflamme has been the recipient of honors including the Society for Cardiovascular Pathology Young Investigator Award, the American Society of Gene & Cell Therapy Outstanding New Investigator Award, and the UHN Inventor of the Year. He also practices cardiovascular and autopsy pathology and is a founding investigator of BlueRock Therapeutics.