

**Program - Day 3**

Saturday, May 23, 2009

**Molecular Function & Imaging Symposium: Regenerative Medicine**

<b>Time</b>	<b>Event</b>	<b>Speakers</b>
7:00 am	Registration ( <i>Grand Scheme Foyer 2<sup>nd</sup> Floor</i> ) Breakfast ( <i>Delivered Room 2<sup>nd</sup> Floor</i> ) <i>Welcoming Remarks (Signed/Sealed Ballroom 2<sup>nd</sup> Floor)</i>	Dr Robert Beanlands, Cardiac Imaging Director, National Cardiac PET Centre University of Ottawa Heart Institute
7:30 am	<b>Translational Workshops I (2 parallel sessions)</b>	
	A) STEM CELLS AND REGENERATIVE THERAPIES: HOW TO MAKE THE LEAP FROM LAB BENCH TO CLINICAL EVALUATION AND APPLICATION. <i>An overview of how to move basic research from the laboratory out to clinical trials and evaluation. Two talks address specific example lines of research. One talk addresses the regulatory aspects of this progression. A moderated discussion follows to address specific questions and engage trainees.</i>  ( <i>Signed/Sealed Ballroom 2<sup>nd</sup> Floor</i> )	Dr Erik Suuronen (UOHI) - Stem Cells: A Basic Primer  Dr Duncan Stewart (Ottawa Health Research Institute)  Joe Irvine / Nadine Tatton (U Ottawa TTBE)
	B) CARDIAC MOLECULAR IMAGING: HOW CAN IMAGING METHODOLOGIES ENHANCE MY BASIC AND CLINICAL RESEARCH? <i>An overview of the evolving role of cardiac imaging technologies and protocols in basic and clinical research with a strong emphasis on the applications and collaborative opportunities. One talk addresses the applications of cardiac imaging in the basic laboratory with emphasis on PET. One talk addresses the applications of cardiac imaging in the clinical setting with emphasis on MRI. One talk provides a generalized discussion on how imaging complements ongoing research. A moderated discussion follows to address specific questions and engage trainees.</i>  ( <i>Shakers Room 2<sup>nd</sup> Floor</i> )	Dr Rob deKemp (University of Ottawa Heart Institute)  Dr Matthias Friederich (University of Calgary)  Dr Joseph Wu (Stanford University)
8:30 am	<b>Translational Workshops II (2 parallel sessions)</b>	
	C) VASCULAR MOLECULAR IMAGING: HOW CAN IMAGING METHODOLOGIES ENHANCE MY BASIC AND CLINICAL RESEARCH? <i>An overview of the evolving role of cardiac imaging technologies and protocols in basic and clinical research with a strong emphasis on the applications and collaborative opportunities. One talk addresses the applications of vascular plaque imaging in the basic laboratory with emphasis on SPECT and CT. One talk addresses the applications of vascular imaging in the clinical setting with emphasis on carotid MRI. One talk provides a generalized discussion on how imaging complements ongoing research. A moderated discussion follows to address specific questions and engage trainees.</i>  ( <i>Signed/Sealed Ballroom 2<sup>nd</sup> Floor</i> )	Dr Glenn Wells (University of Ottawa Heart Institute)  Dr Alan Moody (University of Toronto)  Dr Jean-Claude Tardif (Montreal Heart Institute)

	<p>D) IMAGING FOR THE NON-IMAGING SCIENTIST: WHAT'S OUT THERE AND HOW CAN I USE IT?  <i>An applications heavy primer on imaging modalities, what they are and how they differ, focusing predominantly on how they can be applied to supplement cardiovascular and pulmonary research. A moderated discussion follows to address specific questions and engage trainees.</i></p> <p><i>Shakers Room</i></p>	<p>TBD</p> <p>Dr Matthias Friederich (University of Calgary)</p> <p>Dr Peter Burns (University of Toronto)</p> <p>Dr Frank Bengel (Johns Hopkins University)</p>
9:30 am	<b>Break</b> ( <i>Grand Scheme Foyer 2<sup>nd</sup> Floor</i> )	
9:45 am	<p><b>Keynote Lecture 1:  Basic Science of Cardiac Regenerative Therapy</b></p> <p><i>(Signed/Sealed Ballroom)</i></p>	Dr Duncan Stewart, Ottawa Health Research Institute
10:30 am	<p><b>Oral Abstract Session #1</b></p> <p><i>(Signed/Sealed Ballroom 2<sup>nd</sup> Floor)</i></p>	Moderator: Dr Duncan Stewart
12:00 pm	<p><b>Lunch</b></p> <p><i>Pavilion</i></p>	
12:45 pm	<p><b>Keynote Lecture 2:  Tracking of Stem Cell Therapy in Cardiac Disease</b></p> <p><i>(Signed/Sealed Ballroom 2<sup>nd</sup> Floor)</i></p>	Dr Joseph Wu, Molecular Imaging Program, Stanford University
1:30 pm	<p><b>Oral Abstract Session #2</b></p> <p><i>(Signed/Sealed Ballroom 2<sup>nd</sup> Floor)</i></p>	Moderator: Dr Joseph Wu
3:15 pm	<p><b>Keynote Lecture 3:  Translation of Regenerative Imaging to Clinic</b></p> <p><i>(Signed/Sealed Ballroom 2<sup>nd</sup> Floor)</i></p>	Dr Frank Bengel, Radiology, Johns Hopkins University
4:00 pm 5:30 pm	<p><b>Oral Abstract Session #3</b></p> <p><i>(Signed/Sealed Ballroom 2<sup>nd</sup> Floor)</i></p>	Moderator: Dr Frank Bengel
7:00 pm	<p><b>MFI Symposium Banquet &amp; Social Evening</b></p> <p><i>Britannia Yacht Club</i></p>	