# CARDIOVASCULAR RESEARCH SUMMIT

**UW Cardiovascular Research Center: Celebrating 25 years**

**October 25, 2019**

**Discovery Building**

**330 N. Orchard St, Madison WI 53715**

| 7:40 – 8:30 am | Conference Registration  
Continental Breakfast | Room 1170, WID  
Mesozoic Garden - East |
|----------------|-------------------------------------------------|-------------------------------------------------|

## Welcome

**Héctor Valdivia, MD, PhD**  
Director, University of Wisconsin Cardiovascular Research Center  
**8:30 – 8:40 am**  
Room 1255, Hector F DeLuca Forum Lecture Hall

## Session I

### Cardiac Arrhythmias and Sudden Death

**8:40 am – 10:15 am**  
Hector F DeLuca Forum Lecture Hall

| 8:40 – 9:05 am | Al George, MD  
Northwestern University, Chicago  
*High Throughput Functional Evaluation of KCNQ1 Variants of Unknown Significance* |
|---------------|-------------------------------------------------|
| 9:10 – 9:35 am | Gail Robertson, PhD  
University of Wisconsin-Madison  
*How to Build an Action Potential: Cotranslational Association of mRNA Transcripts Encoding Cardiac Ion Channels* |
| 9:40 – 10:05 am | Mario Delmar, MD, PhD  
New York University  
*Debunking the Concept of One Gene-One Disease In Inheritable Sudden Death* |

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<th>10:15 – 10:45 am</th>
<th>Coffee Break</th>
<th>Mesozoic Garden - East</th>
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## Session II

### Cardiac Regenerative Medicine

**10:45 am – 12:15 pm**  
Hector F DeLuca Forum Lecture Hall

| 10:45 – 11:10 am | Tim Kamp, MD, PhD  
University of Wisconsin-Madison  
*Title: TBD* |
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| 11:15 – 11:40 am | **Michael Laflamme, MD, PhD**  
                 University of Toronto  
                 Electrical Integration and Function of Human Pluripotent Stem Cell-Derived Cardiomyocyte Grafts | Hector F DeLuca Forum Lecture Hall |
| 11:45 – 12:10 pm | **Nenad Bursac, PhD**  
                 Duke University  
                 Tissue-engineered Patches for Cardiac Repair | Hector F DeLuca Forum Lecture Hall |
| 12:15 – 1:30 pm | Lunch  
                 Poster viewing | Mesozoic Garden – East  
                 Open Court - Main |
| 1:30 pm – 2:20 pm | **Richard L. Moss, PhD**  
                 Sr. Associate Dean, School of Medicine and Public Health  
                 University of Wisconsin-Madison  
                 Title: TBD | Hector F DeLuca Forum Lecture Hall |
| 2:30 pm – 4:00 pm | **Session III**  
                 Cardiovascular Translational Research  
                 Title: TBD | Hector F DeLuca Forum Lecture Hall |
| 2:30 – 2:55 pm | **Don Bers, PhD**  
                 University of California, Davis  
                 Calmodulin and CaMKII: Joint and Independent Effects in Heart Failure and Arrhythmias | Hector F DeLuca Forum Lecture Hall |
| 3:00 – 3:25 pm | **Naomi Chesler, PhD**  
                 University of Wisconsin-Madison  
                 The Right Ventricle: Dexterous or Sinister? | Hector F DeLuca Forum Lecture Hall |
| 3:30 – 3:55 pm | **Björn Knollmann, MD, PhD**  
                 Vanderbilt University  
                 Title: TBD | Hector F DeLuca Forum Lecture Hall |
| 4:00 – 6:00 pm | **Poster Fair and Reception** | Open Court – Main |