

10th Anniversary Symposium Program

Friday, August 28, 2015



THE CARDIAC BIOELECTRICITY & ARRHYTHMIA CENTER (CBAC)

CARDIAC ARRHYTHMIAS: THE GENES, THE CELL, AND THE CLINICIAN PROGRAM

Friday, August 28, 2015

Washington University in St. Louis

Brauer Hall, Room 12

1 Brookings Drive

St. Louis, MO 63130

7:00 a.m. – 7:50 a.m.

Continental Breakfast

7:50 a.m. – 8:00 a.m.

Yoram Rudy, Ph.D., F.A.H.A., CBAC Director (Washington University in St. Louis)

Opening Remarks

Session I Basic Science and Translational Ideas

8:00 a.m. – 11:30 a.m.

Session Chairs: **Jeanne Nerbonne**, Ph.D. & **Colin Nichols**, Ph.D.

(Washington University in St. Louis)

8:00 a.m. – 8:30 a.m.

Dan Roden, M.D. (Vanderbilt University)

Hereditary Arrhythmias: Genetics, Genomics and Channelopathies

8:30 a.m. – 9:00 a.m.

Jianmin Cui, Ph.D. (Washington University in St. Louis)

I_{Ks} - the Slow K^+ Current

9:00 a.m. – 9:30 a.m.

Jonathan Silva, Ph.D. (Washington University in St. Louis)

I_{Na} and I_{NaL} - the Na^+ Currents

PROGRAM (continued)

9:30 a.m. – 10:00 a.m.

Stacey Rentschler, M.D., Ph.D. (Washington University in St. Louis)

Programming Cardiac Conduction

10:00 a.m. – 10:30 a.m.

Coffee Break

10:30 a.m. – 11:00 a.m.

Richard Schuessler, Ph.D. (Washington University in St. Louis)

Mechanisms of Atrial Fibrillation: Lessons from Electrophysiologic Mapping

11:00 a.m. – 11:30 a.m.

André Kléber, M.D.

(Harvard University, Beth Israel Deaconess Medical Center; University of Bern)

Arrhythmogenic Cardiomyopathy: An Ion Channel Disease

11:45 a.m. – 1:00 p.m.

Lunch Break

Green Hall, 2nd Floor Collaboration Space

Session II Translational Innovation and Clinical Practice

1:00 p.m. – 5:00 p.m.

Session Chairs: **Mitchell Faddis**, M.D., Ph.D. & **Douglas Mann**, M.D.

(Washington University in St. Louis)

1:00 p.m. – 1:30 p.m.

William Stevenson, M.D. (Harvard University, Brigham & Women's Hospital)

Catheter Ablation for Ventricular Arrhythmias: State of the Art

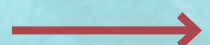
1:30 p.m. – 2:00 p.m.

Richard Schuessler, Ph.D. (Washington University in St. Louis)

2:00 p.m. – 2:30 p.m.

George Van Hare, M.D. (Washington University in St. Louis)

Treating Cardiac Arrhythmias in the Pediatric Population



PROGRAM (continued)

2:30 p.m. – 3:00 p.m.

Phillip Cuculich, M.D. (Washington University in St. Louis)

Substrates and Mechanisms of Ventricular Arrhythmias: Lessons from Noninvasive Mapping with ECGI

3:00 p.m. – 3:30 p.m.

Coffee Break

3:30 p.m. – 4:00 p.m.

Pamela Woodard, M.D. (Washington University in St. Louis)

Cardiac MRI: The Arrhythmia Connection

4:00 p.m. – 4:30 p.m.

Melvin Scheinman, M.D. (University of California, San Francisco)

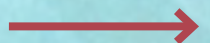
Cardiac Arrhythmias: Past Experiences and Future Directions

4:30 p.m. – 5:00 p.m.

General Discussion and “Open Mic”

5:00 p.m.

Adjourn



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