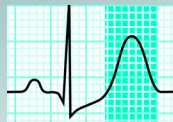


CARDIAC BIOELECTRICITY & ARRHYTHMIA CENTER (CBAC)

SYMPOSIUM

Repolarization of the Human Heart “Understanding the T – Wave”



Wednesday, April 30, 9am-12pm
218 Whitaker Hall, Danforth Campus

PROGRAM

9:00 Words of Welcome

Bastiaan Boukens, Ph.D.

Research Scientist, Dept. of Biomedical Engineering, Washington University in St. Louis



9:10 Measuring Repolarization in the Intact Heart

Michiel J. Janse, M.D., Ph.D.

Professor Emeritus, Experimental Cardiology
Academic Medical Center, University of Amsterdam, The Netherlands



9:30 Repolarization in the Intact Heart

Ruben Coronel, M.D., Ph.D.

Associate Professor, Dept. of Clinical & Experimental Cardiology
Academic Medical Center, University of Amsterdam, The Netherlands



10:00 Repolarization Patterns Measured with Non-Invasive ECGI

Yoram Rudy Ph.D., F.A.H.A., F.H.R.S.

Director, Cardiac Bioelectricity and Arrhythmia Center (CBAC)
The Fred Saigh Distinguished Professor of Engineering
Professor of Biomedical Engineering, Cell Biology & Physiology,
Medicine, Radiology, & Pediatrics, Washington University in St. Louis



10:30 Coffee Break

11:00 The Mechanism Underlying Remodeling of Transmural Repolarization

Igor Efimov, Ph.D.

The Lucy & Stanley Lopata Distinguished Professor of Biomedical Engineering,
Cell Biology & Physiology, & Radiology
Washington University in St. Louis



11:30 The Mechanism of the Bifid T-Wave in Long QT Type 2: a Dog Model

Veronique Meijborg, M.Sc.

Dept. of Clinical & Experimental Cardiology
Academic Medical Center, University of Amsterdam, The Netherlands



11:50 Closing Remarks

Bastiaan Boukens, Ph.D.

Research Scientist, Dept. of Biomedical Engineering, Washington University in St. Louis