



2009 – 2010 Arrhythmias/Ion Channels Journal Club
Jonathan C. Makielski, MD, Professor, Medicine (Cardiovascular), Chair
Room 116, Service Memorial Institute (SMI) -- Fourth Thursday, 11:00 – 12:30 pm
info@cvrc.wisc.edu **263-2266** www.cvrc.wisc.edu

Fall 2009:

Date	Host	Topic/Article
September 24	Craig T. January, MD, Ph.D., Professor, Cardiovascular Medicine	Transfer of Rolf S3-S4 Linker to hERG Eliminates Activation Gating but Spares Inactivation Frank S. Choveau, Aziza El Harchi, Nicolas Rodriguez, Bénédicte Louérat-Oriou, Isabelle Baró, Sophie Demolombe, Flavien Charpentier, and Gildas Loussouarn. <i>Biophysical Journal</i> Volume 97 September 2009 1323–1334
October 22	Nitin Aggarwal, Ph.D., Research Associate and Postdoctoral Fellow, Cardiovascular Medicine, Cellular and Molecular Arrhythmia Research Program	Modulation of K_{ATP} currents in rat ventricular myocytes by hypoxia and a redox reaction Xi-sheng Yan, Ji-hua Ma, Pei-hua Zhang <i>Acta Pharmacologica Sinica</i> (2009) 30: 1399–1414
November 19 <i>(One week early due to holiday)</i>	Deborah Capes, Graduate Student, Molecular and Cellular Pharmacology and Trainee, <i>Training Program in Translational Cardiovascular Science</i>	Malignant Perinatal Variant of Long-QT Syndrome Caused by a Profoundly Dysfunctional Cardiac Sodium Channel Dao W. Wang, MD, PhD; Lia Crotti, MD, PhD; Wataru Shimizu, MD, PhD; Matteo Pedrazzini, BSc; Francesco Cantu, MD; Paolo De Filippo, MD; Kanako Kishiki, MD; Aya Miyazaki, MD; Tomoaki Ikeda, MD, PhD; Peter J. Schwartz, MD; Alfred L. George Jr, MD <i>Circ Arrhythmia Electrophysiol.</i> 2008;1:370-378.

Spring 2010:

Date	Host	Topic/Article
January 28		
February 25	Carmen Valdivia, MD, Associate Scientist, Cellular and Molecular Arrhythmia Research Program	Nitric Oxide Increases Cardiac IK1 by Nitrosylation of Cysteine 76 of Kir2.1 Channels Ricardo Gómez, Ricardo Caballero, Adriana Barana, Irene Amorós, Enrique Calvo, Juan Antonio López, Helene Klein, Miguel Vaquero, Lourdes Osuna, Felipe Atienza, Jesús Almendral, Ángel Pinto, Juan Tamargo and Eva Delpón, <i>Circ. Res.</i> 2009;105;383-392
March 25	Baron Chanda, Ph.D. Assistant Professor Physiology	
April 22	Arnold E. Ruoho, Ph.D. Professor and Chair Pharmacology	
May 27	Corey Anderson, Graduate Student, Biophysics and Trainee, <i>Training Program in Translational Cardiovascular Science</i>	

Updated 10/10/09