

Basic Science Applicants



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The Role of Novel Brugada Syndrome Gene MAPRE2 in Cardiac Electrophysiology



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Targeting the microtubule EB1-CLASP2 complex modulates Nav1.5 at intercalated discs



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Spanish National Center for Cardiovascular Research (CNIC)

Kir2.1 Channels in a Novel Sarcoplasmic Reticulum Microdomain Control Intracellular Ca²⁺ Dynamics



Daniel J Clemens, BS

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Cellular and Electrophysiological Characterization of Triadin Knockout Syndrome Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes



Yuko Wada, MD, PhD

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Common ancestry-specific ion channel variants predispose to drug-induced arrhythmias



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Suppression-Replacement KCNQ1 Gene Therapy for Type 1 Long QT Syndrome



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Developmental Regulation of Cardiac Expression of KCNQ1 and SCN5A Spliceforms Implications for Sudden Unexpected Infant Death