

Poster Presentation 16 September 22 18:00-19:00 Room 4 (Reception Hall 1)**Arrhythmia**

Chairperson : Shigeki Kobayashi (Yamaguchi University Graduate School of Medicine)

P16-1 Atrial Fibrillation Detection Using Convolutional Neural Networks

Xue Zhou (University of Aizu)

P16-2 Non-uniform calcium dynamics of the atrial cells and Purkinje fibers with references to T tubules

Hideo Tanaka (Kyoto Prefectural University of Medicine)

P16-3 THREE-DIMENSIONAL STRUCTURAL ANALYSIS OF MUTANT RYR2 CHANNELS ASSOCIATED WITH CPVT

Jingshan Gao (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine)

P16-4 Glucose fluctuations in diabetic mice induce cardiac sinoatrial node dysfunction.

Takahiro Oniki (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University)

P16-5 SERCA2 C674S heterozygote knock-in mice with angiotensin infusion leads to ventricular arrhythmia

Kei Ito (National Defense Medical College)

P16-6 Inhibition of HDAC 6 manipulates electrophysiological properties of HL-1 cells

Peili Li (Tottori University)

P16-7 Pacemaker activity generated by CRISPR/Cas9 based genome editing for Kcnj2

Kensuke Ihara (Department of Bio-informational Pharmacology, Tokyo Medical and Dental University)