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## Jingshan Gao

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### Bio

#### STANFORD ADVISORS

- Joseph Wu, Postdoctoral Faculty Sponsor

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### Publications

#### PUBLICATIONS

- **Non-missense variants of KCNH2 show better outcomes in type 2 long QT syndrome.** *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology* Aizawa, T., Wada, Y., Hasegawa, K., Huang, H., Imamura, T., Gao, J., Kashiwa, A., Kohjitani, H., Fukuyama, M., Kato, K., Kato, E. T., Hisamatsu, T., Ohno, et al 2023; 25 (4): 1491-1499
- **Novel Calmodulin Variant p.E46K Associated With Severe Catecholaminergic Polymorphic Ventricular Tachycardia Produces Robust Arrhythmogenicity in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes.** *Circulation. Arrhythmia and electrophysiology* Gao, J., Makiyama, T., Yamamoto, Y., Kobayashi, T., Aoki, H., Maurissen, T. L., Wuriyanghai, Y., Kashiwa, A., Imamura, T., Aizawa, T., Huang, H., Kohjitani, H., Nishikawa, et al 2023; e011387
- **Disrupted CaV1.2 selectivity causes overlapping long QT and Brugada syndrome phenotypes in the CACNA1C-E1115K iPS cell model.** *Heart rhythm* Kashiwa, A., Makiyama, T., Kohjitani, H., Maurissen, T. L., Ishikawa, T., Yamamoto, Y., Wuriyanghai, Y., Gao, J., Huang, H., Imamura, T., Aizawa, T., Nishikawa, M., Chonabayashi, et al 2023; 20 (1): 89-99
- **Oral Adrenergic Agents Produced Ventricular Fibrillation and QT Prolongation in an Elderly Patient Carrying an RYR2 Variant.** *International heart journal* Hasegawa, K., Gao, J., Ohno, S., Ishida, K., Miyazaki, S., Makiyama, T., Horie, M., Uzui, H., Tada, H. 2022; 63 (2): 398-403
- **Clinical aspects of pediatric Brugada syndrome** Imamura, T., Makiyama, T., Huang, H., Aizawa, T., Gao, J., Kashiwa, A., Wuriyanghai, Y., Yamamoto, Y., Kohjitani, Y., Kato, K., Ohno, S., Sumitomo, N., Horie, et al OXFORD UNIV PRESS.2020: 738
- **Preclinical proof-of-concept study: antisense-mediated knockdown of CALM as a therapeutic strategy for calmodulinopathy** Yamamoto, Y., Makiyama, T., Wuriyanghai, Y., Kohjitani, H., Gao, J., Kashiwa, A., Hai, H., Aizawa, T., Imamura, T., Ishikawa, T., Yoshida, Y., Ohno, S., Horie, et al OXFORD UNIV PRESS.2020: 3688
- **Propranolol Attenuates Late Sodium Current in a Long QT Syndrome Type 3-Human Induced Pluripotent Stem Cell Model** *FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY* Hirose, S., Makiyama, T., Melgari, D., Yamamoto, Y., Wuriyanghai, Y., Yokoi, F., Nishiuchi, S., Harita, T., Hayano, M., Kohjitani, H., Gao, J., Kashiwa, A., Nishikawa, et al 2020; 8: 761

- **Complex aberrant splicing in the induced pluripotent stem cell-derived cardiomyocytes from a patient with long QT syndrome carrying KCNQ1-A344Aspl mutation** *HEART RHYTHM*  
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2018; 15 (10): 1566-1574
- **Analysis of mutation of the c-Kit gene and *PDGFRA* in gastrointestinal stromal tumors** *EXPERIMENTAL AND THERAPEUTIC MEDICINE*  
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