

# iPSC-derived Cardiomyocytes

## how are they being used

## on **FDSS** recently



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doi:10.1093/toxsci/kfs282  
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### Comparative Gene Expression Profiling in Human-Induced Pluripotent Stem Cell-Derived Cardiocytes and Human and Cynomolgus Heart Tissue

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Am J Physiol Heart Circ Physiol 311: H44–H53, 2016.  
First published May 3, 2016; doi:10.1152/ajpheart.00793.2015.

### High-throughput drug profiling with voltage- and calcium-sensitive fluorescent probes in human iPSC-derived cardiomyocytes

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### Toxicology and Applied Pharmacology

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### Interaction between amiodarone and hepatitis-C virus nucleotide inhibitors in human induced pluripotent stem cell-derived cardiomyocytes and HEK-293 Cav<sub>1.2</sub> over-expressing cells

Armando Lagrutta, PhD, Haoyu Zeng, PhD, John Imredy, PhD, Bharathi Balasubramanian, MS, Spencer Dech, MA, Edward Lis, BS, Jixin Wang, MS, Jin Zhai, MS, Joseph DeGeorge, PhD, Frederick



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Focused Issue on Safety Pharmacology

Research article

### Use of FDSS/μCell imaging platform for preclinical cardiac electrophysiology safety screening of compounds in human induced pluripotent stem cell-derived cardiomyocytes

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Research article

### Identification of Drug–Drug Interactions *In Vitro*: A Case Study Evaluating the Effects of Sofosbuvir and Amiodarone on hiPSC-Derived Cardiomyocytes

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100 Hz  
Data acquisition

