



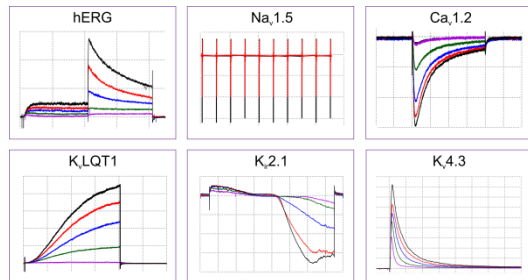
## The Ion Channel Specialist CRO will be attending the 57<sup>th</sup> Annual SOT in San Antonio, Texas: 11<sup>th</sup> - 15<sup>th</sup> March, 2018

Robert Kirby, Marc Rogers and Sarah Williams will be available on **Booth 853** in the Exhibits Hall.

Robert Kirby will present: “Refining *In Vitro* QPatch Cardiac Ion Channel and MEA iPSC Cardiomyocyte Assays for CiPA” Poster Session: Late Breaking 12. Convention Center Hall 1. Thursday 15<sup>th</sup> March 2018, 08.30 - 11.30

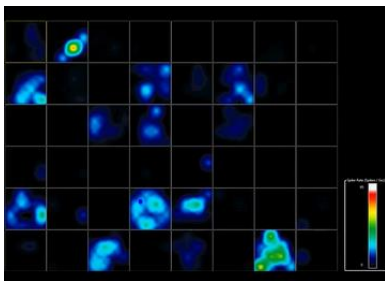
### Cardiac Safety Profiling

- Highly validated panel of Comprehensive *in vitro* Proarrhythmia (CiPA) compliant assays
- Gigaseal quality recording
- Quality control verified data delivered to defined timelines



## Metrion Biosciences THE ION CHANNEL SPECIALISTS: Delivering HIGH QUALITY Cardiac Safety and Neurotoxicology Data

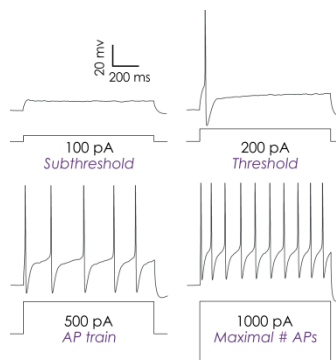
### Multi-electrode array (MEA)



Fingerprinting of neuronal firing native and iPSC cells over days, weeks or even months.

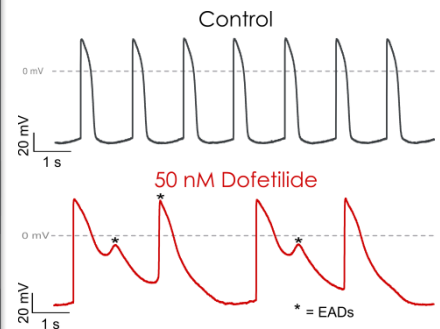
Non-invasive monitoring of neuronal activity to verify compound action or assess toxicity effects.

### Native Neurons



Use of current-clamp to evaluate passive membrane properties and firing behaviour in individual neurons.

### Human iPSC-Derived Cardiomyocytes



Electrophysiology assays using human iPSC-derived cardiomyocytes can confirm *in silico* modelling findings.



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