Draft Agenda

7:30 am- 8:30 am  Student/Postdoc Networking (presented by the SPS Academic Outreach Committee)

8:00 am-9:00 am  Coffee/Continental Breakfast break sponsored by

9:00 am-9:05 am  Introductions

9:05 am-10:05 am  Heart rate is the most of vital of signs! How is it expressed, why is it so important, and (most importantly) when should it be measured? by Bob Hamlin (QTest Labs)

10:05 am-10:50 am  Novel proarrhythmia derisking approaches retrospectively applied to a discontinued QT-prolonging drug by Spencer Dech (Merck)

10:50 am-11:00 am  Break, Posters, Vendors, Networking

11:00 am-11:30 am  QT fingerprinting by Bill Crumb (Nova Research Laboratories)

11:30 am-12:00 pm  Data Blast Presentations on New Outlooks for Data Analysis (15 Mins each)
- In Vivo Assessment of Cardiac Contractility: Progress Towards Establishing a Correction Factor for LV +dP/dt max Based on Heart Rate by Corey Petrella (Pfizer, Inc)
- Discovering therapies for patients with genetic disorders using all-optical electrophysiology by Graham Dempsey (Q-State Biosciences)

12:00 pm-1:00 pm  Lunch sponsored by (Lunch, Posters, Vendors, Networking)

1:00 pm-1:30 pm  Safety Pharmacology Considerations and Strategies for Cell and Gene Based Therapies by Brian Roche (Charles River)

1:30 pm-2:00 pm  The application of electrophysiological methods to characterize AMPA receptors in dissociated adult rat and non-human primate neurons for use in neuronal safety pharmacology assessments of the Central Nervous System by Lois Miraucourt (Charles River)

2:00 pm- 2:30 pm  Case Study: Seizure Liability Characterized with EEG for a CNS-Targeted Compound by Alan Bass (Merck)

2:30 pm-2:45 pm  Break, Posters, Vendors, Networking

2:45 pm-3:15 pm  Cardiac tissue models engineered from human pluripotent stem cells: A perspective of things to come by Bernard Fermini (Novoheart)

3:15 pm- 4:00 pm  New strategies for treatments for epilepsy by Isabel Derera (Tufts University)

4:00 pm – 4:30 pm  Species selection for the evaluation of gene therapy safety and efficacy - advantages of the African green monkey by Aryamitra Banerjee (RxGen, Inc)

4:30 pm-5:30 pm  Networking (Posters, Vendors, Networking)
Thank you to our Host, Vendors and Sponsors!