

SPS Northeast Regional Meeting: Skating Ahead of the Puck: Safety Pharmacology for Evolving Therapeutic Modalities


Shrewsbury, MA – hosted by Charles River 

October 17, 2019

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*)

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Thank you to our Host, Vendors and Sponsors!

