



# Seizing the moment: Issues and technological advancements in mitigation strategies for drugs with seizure liability

## The Need for New Seizure Mitigation Strategies: Background and Overview

Chair: Mamta Behl, MS, Ph.D, DABT  
Neurocrine Biosciences Inc. ,San Diego 92130



## Study of Drug-Induced Seizure Prediction Method Using Cultured Neurons and Microelectrode arrays: Rat Primary Neurons vs Rat in vivo Models and Clinical Studies

Norimasa Miyamoto, Ph.D.Eisai, Japan



## Enhancing Seizure Prediction: Rat and Human MEA models offer complementary results

Co-Chair : Christopher Strock, Ph.D  
Cyprotex US, LLC



## Current status and future needs for a neurotoxicity (including seizures) hazard assessment framework that integrates *in silico* approaches

Arianna Bassan, Ph.D  
Innovatune, Italy



## Nicotinic Cholinergic Neurotransmission Is Essential and Sufficient For Induction and Mitigation of DFP-Triggered Electrogenic Seizure Activity In The Hippocampal Slice Preparation

Isaac Pessah, Ph.D.  
UC Davis, San Diego, USA



Join us for INA-hosted webinar on **JULY 22<sup>nd</sup>, 9:00 am EST**  
**FREE Registration! Please register prior to meeting**

<https://us02web.zoom.us/meeting/register/tZcqdu6gpj4tGNleBrsYXOxaCqY-fvzyOgCV>