

## **BOSTON** 2019 June 21

swissnex Boston 420 Broadway, Cambridge, MA 02138 USA





## MaxWell Biosystems Workshop

## Agenda

8:30 - 9:00	Registration		
9:00 - 9:10	Opening Remarks <b>Dr. Christian Simm, CEO</b> swissnex Boston, Consulate of Switzerland in North America		
9:10 - 9:30	MaxWell Biosystems Company Overview and MEA Technology Trends Dr. Urs Frey, CEO MaxWell Biosystems, Switzerland		
9:30 - 9:50	From Bedside to Bench: Disease Modeling Using Patient-specific iPSC-derived Neurons <b>Dr. Elizabeth Buttermore, Assistant Director</b> <i>Human Neuron Core Translational Neuroscience Center, Boston Children's Hospital, USA</i>		
9:50 - 10:20	iPSCs for CNS Drug Discovery - Phenotype Characterization and Novel Biomarkers <b>Dr. Michele Fiscella, VP Scientific Affairs / Senior Researcher</b> <i>MaxWell Biosystems, Switzerland</i> <i>Department of Biosystems Science and Engineering, ETH Zurich, Switzerland</i>		
10:20 - 10:40	Coffee Break		
10:40 - 11:00	Electrophysiological Characterization and Disease Phenotyping of Human iPSC-derived Dopaminergic Neuron Networks on MEA <b>Dr. Maria Sundberg, Senior Researcher</b> <i>Boston Children's Hospital / Harvard Medical School, USA</i>		
11:00 - 11:20	Improved Disease Modeling With High Content Electrophysiology Daniel Gillie, Senior Scientist Fulcrum Therapeutics, USA		
11:20 - 11:40	Introducing MaxTwo — Enabling High-Resolution MEA Assays Giulio Zorzi, Product Development Engineer / Researcher MaxWell Biosystems, Switzerland Department of Biosystems Science and Engineering, ETH Zurich, Switzerland		
11:40 - 12:00	Current and Future Directions in Interfacing to Neural Tissue in 3D <b>Prof. Dr. Charles M. Lieber, Joshua and Beth Friedman University Professor / Chair</b> <i>Lieber Research Group, Department of Chemistry and Chemical Biology,</i> <i>Harvard University, USA</i>		
12:00 - 12:10	Closing Remarks	Register via the Webform:	
12:10 ~	Reception Beverages and food served	nttps://www.mxwl <i>Contact Info:</i> Michele Fiscella	pio.com/maxtwo-world-launch-tour-2019/ michele.fiscella@mxwbio.com

Supported by: swissnex Boston - connecting the dots in education, research, and innovation.