

Wednesday May 17 | Morning Session

| Brain Organoids Advances & Applications | | |
|-----------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:30 - 8:35 | Opening Remarks | Dr. Laura D'Ignazio MaxWell Biosystems, Switzerland |
| 8:35 - 9:05 | Scientific Talk | Are there sex differences in <i>in vitro</i> models for brain disorders? – A perspective from the Women's Brain Project Dr. Melanie Einsiedler Schaeren-Wiemers Lab & Women's Brain Project, University of Basel, Switzerland |
| 9:05 - 9:35 | Scientific Talk | Modeling brain functions using microglia-containing organoids Prof. Dr. Tarja Malm Malm Lab, University of Eastern Finland, Finland |
| 9:35 - 10:05 | Scientific Talk | Modeling interregional circuits by connecting neural organoids with a bundle of axons Prof. Dr. Yoshiho Ikeuchi Institute of Industrial Science, The University of Tokyo, Japan |
| 10:05 - 10:25 | Non-Scientific Talk | Expert Voice - Transitioning from Academia to Industry Dr. Melisa Ho GSK, USA |
| 10:25 - 10:45 | Coffee Break | |
| 10:45 - 11:45 | Poster Session | |
| 11:45 - 12:15 | Scientific Talk | Open Source Hardware & Software Modules for Multimodal Electrophysiology Experiments Prof. Dr. Mircea Teodorescu & Kateryna Voitiuk Teodorescu Lab, UC Santa Cruz, USA |
| 12:15 - 12:45 | Roundtable | Session Chair Dr. Laura D'Ignazio Panelists Dr. Melanie Einsiedler, Prof. Dr. Tarja Malm, Prof. Dr. Yoshiho Ikeuchi, Prof. Dr. Mircea Teodorescu, and Kateryna Voitiuk |
| 12:45 - 12:50 | Closing Remarks | Dr. Laura D'Ignazio MaxWell Biosystems, Switzerland |
| 12:50 - 13:00 | MxW Summit 2023 Closing Remarks | Dr. Marie Obien MaxWell Biosystems, Switzerland |
| 13:00 | End of MxW Summit 2023 | |
| 14:00 - 16:30 | MxW HQ Tours | |