



**Public lectures  
Symposium for  
Translational Human Stem Cell Research**

**Thursday, 30<sup>th</sup> of June 2022  
09:00 – 11:50**

**Venue:** Lecture Hall, University Children's Hospital Zurich,  
Steinwiesstrasse 75, 8032 Zurich

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| <b>09:00</b>         | <b>Introduction and Welcome</b>  |
| <b>09:00 – 09:30</b> | <b>Isaac Canals, PhD</b><br>Group Leader, Glial and Neuronal Biology Lab<br>Lund Stem Cell Center<br>Lund University<br><br><i>iPSCs and Genome Editing to Investigate Neuronopathic Lysosomal Storage Disorders</i> |
| <b>09:30 – 10:00</b> | <b>Annina Denoth Lippuner, PhD</b><br>Brain Research Institute<br>University of Zurich<br><br><i>Modeling cortical malformations using human brain organoids</i>   |
| <b>10:00 – 10:30</b> | <b>Miriam Filippi, PhD</b><br>Soft/Biohybrid Robotics Lab<br>ETH Zurich<br><br><i>Stem cells in control: from molecular imaging and tissue engineering to modeling and regeneration in Rare Diseases</i>             |
| <b>10:30 – 10:50</b> | <b>Break</b>   |



**10:50 – 11:20**

**Deivid C. Rodrigues, PhD**

The Hospital for Sick Children – SickKids, Toronto  
Developmental and Stem Cell Biology Program  
Peter Gilgan Centre for Research and Learning

*Towards the understanding of human neurodevelopment and its disorders through the lenses of RNA metabolism*

**11:20 – 11:50**

**Bärbel Ulmer, PhD**

Head of Tissue Engineering  
Dinaqor AG

*Human iPSC derived engineered heart tissues: Towards disease-tailored models for individualized precision medicine*