



## AdaBD Online Seminar Series

Friday, 11:30 – ca. 12:15 via ZOOM



<b>Sept 6<sup>th</sup></b>	<b>"Learning from graphs": exploring links between neonatal structural connectomes and cognitive development with graph neural networks</b> Anna Speckert, Andras Jakab
<b>Sept 20<sup>th</sup></b>	<b>The mesoSPIM platform: overview and updates</b> Marco Garbelli, Nikita Vladimirov
<b>Oct 4<sup>th</sup></b>	<b>Using brain organoids to study brain development and neuronal connectivity</b> Linda Brandi, Sebastian Jessberger
<b>Nov 1<sup>st</sup></b>	<b>Human genetic signatures of remembering and forgetting</b> Andreas Papassotiropoulos, Professor of Molecular Neuroscience, University of Basel
<b>Nov 15<sup>th</sup></b>	<b>Leveraging multimodal fMRI to study the complex interplay of genes, mental states and brain activity</b> Valerio Zerbi, Professor of Translational Neuroscience, Neuroimaging and Neurotechnology, EPFL, Lausanne
<b>Nov 22<sup>nd</sup></b>	<b>Long- range connections to Layer 5 Neurons which support learning</b> Johanna Nieweler, Fritjof Helmchen
<b>Nov 29<sup>th</sup></b>	<b>Functional brain network mechanisms underlying multisensory learning</b> Ella Casimiro, Saurabh Bedi, Christian Ruff

<b>Dec 6th</b>	<b>Learning and Transfer - The case of action video games</b> Daphne Bavelier, Professor of Cognitive Neuroscience, Geneva University Neurocenter
<b>Dec 13<sup>th</sup></b>	<b>Molecular Mechanisms of Cerebellar Circuit Formation - Contribution of Genes Associated with Joubert Syndrome</b> Alexandra Noble, Ruxandra Bachmann