

In vitro Model Systems for the study of Neurodegenerative Disease

26th & 27th May 2021

(All times are CEST)

Wednesday 26th May

Registration *here*

10:00 - 10:15 Trevor Owens, SDU, Denmark

Welcome

Chair: Elif Nur Yilmaz, WWU, Germany

10:15—11:00 Anna Williams, University of Edinburgh, UK. What is PMS, what are we aiming to fix?

11:00—11:45 Tanja Kuhlmann, WWU, Muenster, Germany. Oligodendrocytes in myelin diseases: How to wrap the myelin

11:45—12:00 Break

Chair: Maurine Fucito, Ud'A, Italy

12:00—12:45 Luke Healy, MNI, McGill University, Canada. Studying human microglia in vitro: challenges and lessons learned

12:45—13:30 Inge Huitinga, Netherlands Brain Bank, Amsterdam, Netherlands. Primary human microglia and neuronal-glia Interactions

13:30—17:00 Long break

Chair: Raquel Guerrero, WWU, Germany

17:00—17:45 Francisco Quintana, Brigham and Women's Hospital, Harvard University, Boston, USA. Role of astrocytes in MS pathology and therapeutic opportunities

Thursday 27th May

Registration *here*

Chair: Bhavya Ojha, SDU, Denmark

10:00 - 10:45 Christina Vogelaar, University Medical Center, JGU Mainz, Germany. Neurite outgrowth and regeneration assays

10:45—11:30 Knut Biber, AbbVie Deutschland GmbH, Ludwigshafen, Germany. Microglia replenished organotypic brain slice cultures: A new tool to study in vivo-like microglia

11:30—11:45 Break

11:45—12:30 Martin Røssel Larsen, SDU, Odense, Denmark. Brain organoids and proteomics.

12:30—17:00 Long break

Keynote speaker

Chair: Daniela Costa, NUIG, Ireland

17:00—17:55 Matthias Nahrendorf, Massachusetts General Hospital, Harvard Medical School, Boston, USA. Bone marrow heterogeneity and its contribution to local inflammation

17:55 - 18:00 Trevor Owens, SDU, Denmark. Closing remarks