

Novel mechanisms, Tools and Therapies in NEUROINFLAMMATION

Day 1: Thursday, 8th September 2022

Draft Programme

0830 – 0900 Registration

0900 – 0910 Welcome

0910 – 1225 SESSION I: NOVEL MECHANISTIC UNDERSTANDING OF NEURO-IMMUNE INTERACTIONS – PART I

Chair: TBC

0910 – 0950 T cell / microglia interactions in brain homeostasis and injury, Adrian Liston, Babraham Institute

0950 – 1005 Short presentation

1005 – 1045 Intestinal neuroimmune interactions, Guy Boeckxstaens KU Leuven, Belgium

1045 – 1100 Short presentation

1100 – 1130 Coffee break

1130 – 1210 Immune-mediated myelin regeneration in the central nervous system, Denise Fitzgerald, Queens University Belfast

1210 – 1225 Short presentation

1225 – 1325 Lunch

1325 – 16.50 SESSION II: NOVEL MECHANISTIC UNDERSTANDING OF NEURO-IMMUNE INTERACTIONS – PART II

Chair: TBC

1325 – 1410 Neuro-immune interactions in the context of peripheral pain, Franziska Denk, KCL

1410 – 1425 Short presentation

1425 – 1510 Neuroimmunometabolism, Ana Domingos, Oxford University

1510 – 1525 Short presentation

1525 – 1555 Coffee break

1555 – 1635 Microglia-synapse biology in brain health and disease, Soyon Hong, UK DRI at UCL

1635 – 1650 Short presentation

1650 – 1730 Poster Presentations, Wine and Cheese

Novel mechanisms, Tools and Therapies in NEUROINFLAMMATION

Day 2: Friday, 9th September 2022

Draft Programme

0830 - 0900 Registration

0900 - 1220 SESSION III: NEURO-IMMUNE INTERACTIONS IN THE CLINIC

Chair: TBC

0900 – 0940 **Novel immunotherapies in neuroinflammatory disease**, Vijay Kuchroo, Harvard Medical School

0940 – 0955 Short presentation

0955 – 1035 **Autoantibody-mediated diseases of the nervous system**, Angela Vincent, Oxford University

1035 – 1050 Short presentation

1050 – 1120 Coffee break

1120 – 1205 **COVID-Clinical Neuroscience Study**, Ben Michael, University of Liverpool

1205 – 1220 Short presentation

1220 – 1320 Lunch

1320 - 1520 SESSION IV: HOW TO TARGET NEURO-IMMUNE INTERACTIONS

Chair: TBC

1320 – 1405 **Biomarker discovery in Alzheimer's disease**, Amanda Heslegrave, UK DRI at UCL

1405 – 1420 Short presentation

1420 – 1505 **Challenges in neuroinflammation from an industry perspective**, Anindya Bhattacharya, Janssen

1505 – 1520 Short presentation

1520 – 1550 Coffee break

1550 - 1650 **DEBATE: IMMUNOTHERAPY TO TREAT DEPRESSION: SCIENCE FACT OR SCIENCE FICTION**

Proposer- Neil Harrison, Cardiff University

Opposer - Jonathan Cavanagh, University of Glasgow

1650 Final remarks and close of the meeting