



COMPLEMENT

UK Dementia
Research Institute



**NOVEL
MECHANISMS,
TOOLS AND
THERAPIES IN
NEURO
INFLAMMATION**

DRAFT PROGRAMME

8-9 SEPTEMBER 2022

0830 – 0900 Registration

0900 – 0910 Welcome

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**0910-1225 SESSION I: NOVEL MECHANISTIC UNDERSTANDING
OF NEURO-IMMUNE INTERACTIONS – PART I**
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0910 – 0950 T cell / microglia interactions in brain homeostasis and injury,
Adrian Liston, Cambridge University

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

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**1325-1650 SESSION II: NOVEL MECHANISTIC UNDERSTANDING
OF NEURO-IMMUNE INTERACTIONS – PART II**
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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, Soyoon Hong,
UK DRI at UCL

1635 – 1650 Short presentation

1650 – 1800 Poster Presentations, Wine and Cheese

0830 – 0900 Registration

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

0900 – 0940 T:B collaboration and human MS, from basic mechanisms to application in human 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

1320 – 1405 Biomarker discovery in Alzheimer's disease, Amanda Heslegrave, UKDRI 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