

# Neuroscience Day 2026 Programme

Thursday 11 June, Nucleus Building, King's Buildings Campus, Edinburgh

## 08.30 Arrival and Registration

Arrival tea/coffee and pastries

## Session I

### 09.15 Welcome remarks from Edinburgh Neuroscience Co-Directors

Professors Cathy Abbott and Malcolm MacLeod

### 9.20 Mechanisms of microvascular injury in cerebral amyloid angiopathy

Prof Susanne van Veluw, Institute for Neuroscience and Cardiovascular Research (INCR)

#### **Microglial identity failure: from brain development to childhood dementia**

Prof Barry McColl, INCR

### 10.00 PhD Student Data Blitz

#### **Regional specificity and morphological features of microglia are determined by prion disease subtype in chronic CNS neurodegeneration**

Sasha Pokrovskaya, Roslin Institute

#### **Altered cortical synaptome architecture in patients with schizophrenia**

Wen Chyi Quah, INCR

#### **Understanding cellular mechanisms that confer resilience in ALS**

Jade Lucas, INCR

#### **The organisational principles of deep entorhinal projection neurons**

Sau Yee Tsoi, INCR

#### **Analysis of age-related changes in glial cell density and morphology in large animal models of neurodegeneration**

Meg Watt, Roslin Institute

#### **Biomarker for ALS using NULISA platform**

Hatice Bozkurt, INCR

### 10.30 Refreshments & Posters

## Session II

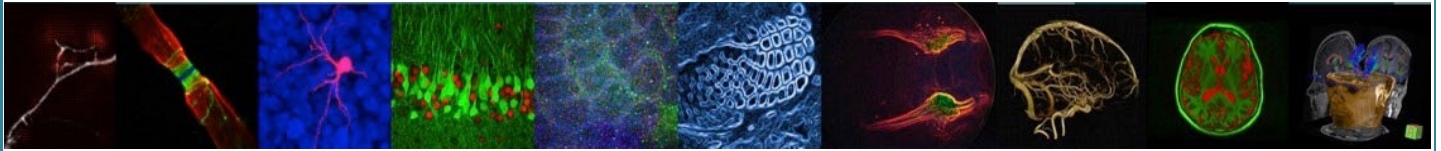
### 11.15 Emerging Stories

#### **The importance of genetic background for animal models of disease**

Dr David Ashbrook, INCR

#### **Bigger stress, same behaviour? Re-evaluating behavioural tests in rodent**

Dr Nicola Romano, INCR



**The role of Ataxia Telangiectasia Mutated (ATM) kinase in the microglial response to brain insult**

Dr Irina Earnshaw, INCR

**Identification of synaptoprotective compounds for Progressive Supranuclear Palsy using high-throughput screening of human neurons**

Dr Paul Baxter, INCR

**12.45 Lunch & Posters**

**Session III**

**14.00 Edinburgh Neuroscience: Beyond Research**

**Updates from Edinburgh Innovations**

Dr Jane Redford, Edinburgh Innovations

**Dialogues between research and teaching**

Dr Liz Davenport and Dr John Menzies, Edinburgh Medical School

**14.30 Flash talks from new Group Leaders**

**Uncovering the role of oligodendrocytes in dementia**

Dr Rikesh Rajani, INCR

**Development of scene processing in human infant visual cortex**

Dr Freddy Kamps, School of Philosophy, Psychology and Language Sciences

**Neuroimaging biomarkers for cerebrovascular disease**

Dr Tracy Farr, Edinburgh Imaging

**14.45 Variation in brain development**

Prof David Price, INCR

**Ameliorating jet lag with vasopressin**

Prof Mike Ludwig, INCR

**15.25 Refreshments & Posters**

**Session IV**

**16.10 Sir Colin Blakemore Memorial Lecture**

**Oligodendrocytes in Brain Energy Metabolism and Alzheimer's Disease**

Prof Klaus-Armin Nave, Max Planck Institute for Multidisciplinary Sciences

**17.10 Tribute to Prof Richard Morris on his retirement**

**17.30 Drinks reception & Posters**