

## **Programme**

9:30 **Registration**

9:45 **Welcome by the organisers**

### **Session 1: Pathogenesis and Host Defence**

*Chair: Serge Mostowy*

10:00 **Francisco Roca, University of Cambridge**

Title TBA

10:30 **Mónica Varela** (Meijer lab, Institute of Biology Leiden, the Netherlands)  
*Mycobacteria* exploit the host inflammatory cell death machinery for infection dissemination

10:45 **Vincenzo Torraca** (Mostowy lab, London School of Hygiene and Tropical Medicine)

The *Shigella sonnei* O-antigen mediates neutrophil tolerance and pathogenesis *in vivo*

11:00 **Flask talks I**

*Chair: Vincenzo Torraca*

**Fan (UCambridge), Tomlinson (UCL), Gomes (LSHTM)**

11:15 **Refreshments break**

11:45 **Fatima Ulhuq** (Palmer lab, University of Newcastle)

A membrane-depolarizing toxin substrate of the *Staphylococcus aureus* Type VII protein secretion system

12:00 **Josie F. Gibson** (Renshaw lab, University of Sheffield)

Neutrophils use selective autophagy receptor p62 to target *Staphylococcus aureus* for degradation in the zebrafish model

12:15 **Flash talks-II**

*Chair: Margarida Gomes*

**Hammond (USheffield), Donaldson (USheffield), Elliot (UEdinburgh)**

12:30 **Lunch** break with posters

## **Session II: Immune Cells, Infection and Inflammation**

*Chair: Milka Sarris*

**14:00 Ana Cvejic, University of Cambridge**

Title TBA

**14:30 Hugo Poplimont** (Sarris lab, University of Cambridge)

Decoding how neutrophils self-organise their migration at sites of tissue damage

**14:45 Kalliopi Arkoudi** (Knight lab, King's College London)

Directional macrophage migration in response to injury is regulated by NF- $\kappa$ B signalling

**15:00 Hannah LARBALESTIER** (Bandmann lab, University of Sheffield)

Characterisation of a neuroinflammatory phenotype in a *gch1<sup>-/-</sup>* zebrafish model of Parkinson's Disease

**15:15 Daniel Jones** (Johnston lab, University of Sheffield)

Investigating a novel commensal strain of *Candida famata* within *Danio rerio*

**15:30 Refreshments break**

**16:00 Piotr Szkuta** (Elks lab, University of Sheffield)

Neutrophil nitric oxide is protective in a zebrafish model of TB

**16:15 Paco Lopez Cuevas** (Martin lab, University of Bristol)

Reprogramming the host inflammatory response as a potential cancer therapeutic

**16:30 Plenary Speaker: Philippe Herbomel, Institute Pasteur, France**

Title TBA

**17:30 Drinks reception** and prize giving