

ZII8- Champalimaud Foundation, Lisbon, Portugal

11th September 2024

The Library (Ground Floor)

9.00-10.00 Arrival, sponsor session (TBC), Poster Set-Up, Registration and Coffee

Session 1

10.00-10.10 Opening Remarks - Phil Elks and Serge Mostowy

Chair: TBC

10.10-10.50 Keynote 1

Dr Chris Hall

Dissecting phagocyte function during infection and sterile inflammation

10.50-11.05

Anbarlou Azadeh (Lieschke lab, Monash, Australia)

Trails of Retraction Fibers and Migrasomes formed by Migrating Macrophages

11.05-11.20

Maroun Abi Younes (Levraud Lab, A Star, Paris, France)

Exploring the neurological deficits of viral infection in the zebrafish central nervous system

11.20-11.50

Tea/Coffee and poster viewing

11.50-12.05

Evelien Kidness (Brugman Lab, Wageningen, Netherlands)

IL-22 is involved in macrophage responses to saponin-induced inflammation

12.05-12.20

Tracey Ollewagen (Smith Lab, Stennenbosch, South Africa)

Anti-fibrotic therapeutic targets in inflammatory myocarditis elucidated in larval and adult zebrafish

12.20-12.35

Emma Roux (Breuer Lab, Leuven, Belgium)

Favipiravir induces HuNoV viral mutagenesis and infectivity loss with clinical improvement in immunocompromised patients as shown in a zebrafish larval model

12.35-12.55

Flash talks

1. Magdalena Marcinkowska (Chadzinska Lab, Jagiellonian, Poland)
Systemic infection with Porphyromonas gingivalis induces peripheral and neuro-inflammation in a strain-specific manner.
2. Kimble Frazer (Frazer Lab, Oklahoma, USA)
Diverse Epithelial Lymphocytes in Zebrafish Discovered Via a Novel Scale Biopsy Method
3. Annachiara Tesoriere (Argenton Lab, Padova, Italy)
The role of pS727 Stat3 – Vitamin D interplay in the Autosomal Dominant Hyper Ig-E syndrome
4. Manjari Trivedi (Goessling Lab, Harvard, USA)
Elucidating the Role of Macrophages and Neutrophils in Liver Regeneration Post-Injury

12.55-14.00 buffet lunch and poster viewing

Please be at your poster from 13.15

Session 2

Chair: TBC

14.00-14.40 Keynote 2

Professor Ricardo Henriques

Pioneering Open-Source AI Technologies for Biological Discovery through Microscopy

14.40-14.55

Mollie Sweeney (Tobin Lab, Duke, USA)

An ancestral mycobacterial effector promotes dissemination of infection via host cytoskeleton interactions

14.55- 15.10

Kaylee van Dyke (Forlenza Lab, Wageningen, Netherlands)

Differential role of Tnf? homologues in zebrafish during infection and inflammation, with a special focus on Tnfb

15.10-15.40 Tea/Coffee and poster viewing

Session 3

Chair: TBC

15.40-15.55

Kathryn Wright (Mostowy Lab, LSHTM, UK)

Sept6 regulates the macrophage response to mycobacterial infection

15.55-16.35 Keynote 3

Dr Sofia de Oliveira

Neutrophils on Overdrive - How Inflammation Hacks Neutrophil Response

16.35-17.00

Plenary discussion

Prize giving and Close