

## The 31<sup>st</sup> Annual BioCity Symposium

25-26 August 2022

### SOLUTION IS IN IMMUNITY

#### THURSDAY, 25 AUGUST 2022

- 08:30 Sirpa Jalkanen, InFLAMES Flagship Director  
*Opening words*  
 Sir Peter Ratcliffe, University of Oxford; Francis Crick Institute, UK  
*Presentation of the Elias Tillandz prize for the best publication in BioCity Turku 2021*
- 09:00 Sir Peter Ratcliffe, University of Oxford; Francis Crick Institute, UK  
*New horizons in hypoxia biology*
- 09:45 POSTER SESSION A and coffee/tea with exhibition

#### SESSION I – Molecular mechanisms of immune regulation (chairs: Tapio Lönnberg, Annika Meinander)

- 10:45 Mark Ansel, University of California San Francisco, US  
*RNA regulation of immunity*
- 11:30 Anjana Rao, La Jolla Institute for Immunology, US  
*TET methylcytosine oxidases, inflammation and cancer*
- 12:15 LUNCH and exhibition
- 13:30 Short talks 2x 15min, selected from poster abstracts

#### SESSION II – Harnessing immunity for novel therapies (chairs: Janne Leivo, Pia Rantakari)

- 14:00 Petter Brodin, Karolinska Institutet, Sweden  
*Human systems immunology*
- 14:45 POSTER SESSION B and coffee/tea with exhibition
- 15:45 Jeffrey Bluestone, Sonoma Biotherapeutics Inc., US  
*Immune tolerance: The long road to finding the Holy Grail*

#### PANEL DISCUSSION

- 16:30 *Role of biotech in the development of new medicines*
- 17:00 First symposium day ends



**FRIDAY, 26 AUGUST 2022**

**SESSION III – Immune landscape in health and disease** (chairs: Rogerio De Figueiredo, Akira Takeda)

- 09:00 Eugene Butcher, Stanford University, US  
*Vascular control of immune cell traffic: Insights from the single cell revolution*
- 09:45 Patrick Hogan, La Jolla Institute for Immunology, US  
*Transcriptional mechanisms in tumor-infiltrating lymphocytes*
- 10:30 Short talks 2x 15min, selected from poster abstracts
- 11:00 POSTERS and coffee/tea and exhibition
- 11:45 Maija Hollmén, University of Turku, Finland  
*Tumor immune landscapes defining responses to macrophage directed immunotherapy*
- 12:15 Henning Walczak, UCL Cancer Institute, UK  
*Death receptor systems in cell death, inflammation and disease*
- 13:00 LUNCH and exhibition

**SESSION IV – Inflammatory diseases** (chairs: Pieta Mattila, Alexander Mildner)

- 14:15 Lawrence Steinman, Stanford University, US  
*From a clinical observation of lymphomas in the jaws of children in Africa to understanding how EBV triggers multiple sclerosis*
- 15:00 Howard L. Weiner, Harvard Medical School, US  
*Nasal immunotherapy of Alzheimer's disease and multiple sclerosis*
- 15:45 Frank Bengel, Hannover Medical School, Germany  
*Imaging of crosstalk between the immune and cardiovascular systems*
- 16:30 Klaus Elenius, BioCity Turku Scientific Director, Closing remarks

