BIOCITY TURKU BIOCITY TURKU BIOCITY TURKU



ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE

Mauno Conference Center BioCity, Turku, Finland 22-23 August 2019 biocity.turku.fi

The 29th Annual BioCity Symposium & 30th Anniversary Symposium of Turku Bioscience Centre LIFESPAN OF IMMUNE SYSTEM

THURSDAY, AUGUST 22nd

8:45 Jyrki Heino, Biocity Turku: Opening words Jukka Kola, Rector, University of Turku Presentation of the Elias Tillandz prize for the best publication in BioCity Turku 2018

SESSION I - Early life, education of the immune system (chair: Riitta Lahesmaa)

- 9:15 **Petter Brodin**, Karolinska Institutet, Sweden: Immune system development in early childhood
- 10:00 **Roser Vento-Tormo**, Sanger Institute, UK: Reconstructing the maternal-fetal interference during early pregnancy
- 10:45 **POSTER SESSION A and coffee/tea with exhibition**
- 11:15 **Kathy McCoy**, University of Calgary, Canada: Microbiome, metabolites and immune responses
- 12:00 Short presentations selected from poster abstracts
- 12:30 Lunch and exhibition

SESSION II - Host metabolism and inflammation, metabolic disorders (Chair: Pirjo Nuutila)

- 13:45 **Francesc Villarroya**, University of Barcelona, Spain: Cross-talk of immune cells and brown adipocytes in the control of adaptive energy metabolism
- 14:30 **Gökhan S. Hotamışlıgil**, Harvard University TH Chan School of Public Health, US: Foundations of immunometabolism and implications for metabolic health and disease
- 15:15 Ulf Smith, University of Gothenburg, Sweden: Senescence impairs cell differentiation and promotes inflammation in the adipose tissue
- 9:30 Symposium dinner in Turku Castle

FRIDAY, AUGUST 23rd

SESSION III - Neuro-immunology, microglia and neurodegenerative diseases (Chairs: Laura Airas & Juha Rinne)

- 9:00 **David Pitt**, Yale School of Medicine, US: Astrocytes as mediators of inflammation in multiple sclerosis.
- 9:45 Anna Orr, Weill Cornell Medicine, US: Glial cells and neuroimmune signaling in cognitive deficits
- 10:30 POSTER SESSION B and coffee/tea with exhibition
- 11:00 Bengt Winblad, Karolinska Institutet, Sweden: Immunological treatment in Alzheimer's disease
- 11:45 Lunch and exhibition

SESSION IV - Onco-immunology to cure cancer (chair: Sirpa Jalkanen)

- 13:00 Arlene Sharpe, Harvard Medical School, US: The biology behind PD-1 checkpoint blockade
- 13:45 Angelica Loskog, Uppsala University, Sweden: Update of the CAR T trial
- 14:30 **Tyler Curiel,** UT Health San Antonio, Medicine, US: Age effects on cancer immunotherapy
- 15:15 Alexander Eggermont, Gustave Roussy CCC, France: The Immunotherapy Revolution: from melanoma to (almost) all tumors
- 16:00 Jyrki Heino, University of Turku: Closing remarks



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