Stromal-immune cell interactions in health and disease
16 May 2024
Southampton General Hospital, Southampton

10:00  Registration and refreshments

10:30  Welcome address

MORNING SESSION
Chair: Dr Chris Hanley (University of Southampton, UK)

10:35  Peripheral-brain immune interactions in the pathophysiology of depression
Invited speaker: Professor Jonathan Cavanagh (University of Glasgow, UK)

11:05  A role for complement receptors 1 and 2 in follicular dendritic cell organization in germinal centres
Selected short talk: Dr Jessica Anania (University of Southampton, UK)

11:20  Generation of CD33 chimeric antigen receptor (CAR) invariant natural killer T (iNKT) cells for acute myeloid leukaemia (AML) immunotherapy
Selected short talk: Weronika Biala (University of Southampton, UK)

11:35  Targeting cancer-associated fibroblasts in head and neck cancer through MAGED4B vaccination
Selected short talk: Josephine Buckingham (University of Southampton, UK)

11:50  Understanding the stromal-immune cell axis in vaccine responses
Invited speaker: Dr Alice Denton (Imperial College London, UK)

12:20  Revolutionizing flow cytometry research
Sponsored talk: Liz van der Merwe (Thermo Fisher Scientific, UK)

12:30  Lunch, posters and meet the exhibitors
AFTERNOON SESSION
Chair: Professor Salim Khakoo (University of Southampton, UK)

14:00 Single cell analysis reveals distinct inflammatory fibroblasts and immune hubs in tumours
Invited speaker: Ben Jenkins (University of Southampton, UK)

14:30 Streamlining data exploration: HTML and Java Integration for interactive TB gene
expression data analysis
Selected short talk: Dr Victor Barozi (University of Southampton, UK)

14:45 Immune modulation of the pre-metastatic niche in high-grade serous ovarian cancer via a
stroma-Treg axis
Selected short talk: Dr Julia Moreno-Vicente (CRUK Cambridge Institute, UK)

15:00 Development of a 3D in vitro breast cancer organotypic model of obesity associated
adipose inflammation
Selected short talk: Rhianna Blyth (University of Southampton, UK)

15:15 Life in the liver: A T cell perspective
Invited speaker: Dr Laura Pallet (University College London, UK)

15:45 Closing remarks and prizes

16:00 Networking reception

17:00 Close
Poster presentations

P.01  Bioactive lipids mediating the resolution of skin inflammation  
Anna Hains, University of Manchester, UK

P.02  Investigating Neutrophil-T cell interactions in the lymph node  
Angus Moffat, University of Southampton, UK

P.03  Fish immunity in a warming world  
Sarah Buchan, Bournemouth University, UK

P.04  Detecting and defining immunity to human cytomegalovirus  
Sarah Buchan, Bournemouth University, UK

P.05  Interrogating metabolic effects of the antimicrobial peptide cathelicidin on CD4+ T cells  
Zachary Lim, University of Southampton, UK

P.06  Cancer-associated fibroblasts drive CXCL13 production in activated T cells via TGF-beta  
Begoña Roman Martinez, University of Edinburgh/University of Southampton, UK

P.07  CAR-iNKT cell migration to tumor sites in multiple myeloma and primary CNS lymphoma.  
Ilia Leontari, Imperial College London, UK

P.08  CD1c-autoreactive T-cells exhibit potent responses to Mycobacterium tuberculosis infection  
Matthew Milton, University of Southampton, UK
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