Conference Programme
The Edge, University of Sheffield

Wednesday 27 July 2016

10.00-11.30 Registration
11.30-11.40 Introduction

Session 1
11.40-12.15 Jay Kolls (University of Pittsburgh)
IL21R and fungal infection
12.15-12.30 Sara Gago (University of Manchester)
Understanding genetic susceptibility to allergic bronchopulmonary aspergillosis (ABPA)
12.30-13.05 Henk Haagsman (Utrecht University)
First encounters of pathogens with the host: recognition and killing
13.05-14.00 Lunch & poster viewing

Session 2
14.00-14.35 Ralph Tripp (University of Georgia)
Antiviral Host Genes and MicroRNAs
14.35-14.50 Grace Cooper (University of Southampton)
Viral infection of macrophages: interactions with natural killer (NK) cells
15.25-15.50 Tea Break

Session 3
15.50-16.25 Andres Floto (University of Cambridge)
Genetic and genomic analysis of non-tuberculosis mycobacteria
Complement activation by Mycobacterium tuberculosis is phenotype dependent
16.40-17.15 Jua Iwasaki (Imperial College London)
The infection and immunity immunophenotyping (3I) consortium
17.15-19.00 Poster session
19.00 BBQ

Thursday 28 July 2016

Session 4
09.00-09.35 Beckie Ingram (Queen’s University Belfast)
Innate immunological memory that protects against bacterial infection.
09.35-09.50 Jonathan Baker (Imperial College London)
Oxidative stress dependent microRNA-34a activation via pi3kα reduces the expression of sirtuin-1 and sirtuin-6 in airway epithelial cells
09.50-10.05 Kylie Belchamber (Imperial College London)
COPD macrophages display altered scavenger receptor expression after bacterial phagocytosis
10.05-10.40 Tracy Hussell (University of Manchester)
Pathogenic airway macrophage adaptation in the inflammation trained lung
10.40-11.10 Coffee

Session 5
11.10-11.45 Jerry Brown (University College London)
Immune interactions with Streptococcus pneumonia
11.45-12.00 Emma Connolly (University of Manchester)
GFRα2 expressing airway macrophages: a novel role for neurotrophic factors?
12.00-12.35 Anne Tunbridge (Sheffield Teaching Hospitals)
Outbreak! What’s next?
12.35-14.00 Lunch & poster viewing session
Session 6
14.00-14.35 Stephen Holgate (University of Southampton)
The role of the epithelium in orchestrating the pathobiology of inflammation and remodelling in asthma
14.35-14.50 Angela Essex-Lopresti (DSTL, Porton Down)
Identifying common pulmonary murine host responses to highly virulent gram-negative bacteria
14.50-15.25 Simon Foster (University of Sheffield)
Staphylococcus aureus infection dynamics
15.35-16.00 Tea
Student Investigator Award Presentations
16.00-16.15 Shameem Ladak (University of Newcastle)
mRNA-200b/c inhibits epithelial-mesenchymal transition in TGF-β1 induced human bronchial epithelial cells
16.15-16.30 Grace Manley (University of Sheffield)
The role of phosphatases in respiratory viral infection
16.30-16.45 Liza Selley (Imperial College London)
Brake dust toxicity in human macrophages: evidence of phenotypic and functional dysregulation
16.45-17.00 Jessica Tilman (Imperial College London)
Defective phagocytosis in COPD human lung tissue macrophages cannot be manipulated by growth factors
17.00-17.15 Jake Mills (University of Sheffield)
Investigating the role of tenascin-c in rhinovirus-induced exacerbations of asthma
17.15-17.30 Joshua Wallington (University of Southampton)
Cytotoxic responses of mucosal-associated invariant T cells to NTHi infection: implications for COPD
17.30-18.30 AGM
19.30 Conference dinner – Cutlers’ Hall

Friday 28 July 2016
Session 7
09.30-10.05 Robert Snelgrove (Imperial College London)
The Janus enzyme leukotriene A4 hydrolase displays opposing roles in regulating neutrophilic inflammation in the lung
10.05-10.20 Bettina C Schock (Queen’s University Belfast)
Dreaming about inflammation
10.20-10.35 James Stewart (University of Liverpool)
BPIFA1/SPLUNC1 restricts influenza a virus infection in the by influencing the adaptive immune response
10.35-11.10 Wendy Barclay (Imperial College London)
Why do some influenza viruses cause more severe disease than others?
11.10-11.30 Coffee
Session 8
11.30-11.45 Simon Carlile (Queen's University Belfast)
Investigating the protective effect OF Hc-CATH in a model of acute-lung inflammation
11.45-12.00 Elizabeth Marsh (University of Sheffield)
The role of pellino-1 in the host response to viral stimuli in airway epithelial cells
12.00-12.35 Gary McLean (London Metropolitan University)
Developing a vaccine for human rhinoviruses
12.35-13.30 Lunch
Funding Workshop
13.45-13.50 Noel Snell - Introduction
13.50-14.05 Stephen Holgate (Southampton University)
The outlook for funding - The Presidents’ perspective,
14.04-14.20 Stephen Meader (MRC)
MRC funding pathways
14.20-14.35 Ian Jarrold (British Lung Foundation), BLF funding mechanisms
14.35-14.50 Graham Hughes (University of Sheffield)
EU funding pathways (post-Brexit)
14.50-15.05 Chris Scotton (University of Exeter)
A Fellows’ perspective on funding pathways
15.05-15.45 Informal panel discussion
15.45 Summary and departure