Complement UK: Symposium and Training Course

A two-day meeting for scientists, clinicians and Pre- and Post-Doctoral researchers interested in complement-related disorders with focus on Complement Therapeutics and The Interplay of Complement and other Biological Systems

24-25 October 2013

VENUE
Newcastle University, Life Conference, Newcastle

ORGANISERS
Claire Harris (Cardiff University; GSK)
David Kavanagh (Newcastle University)
Paul Morgan (Cardiff University)

SPONSORS:

[Logos of Alexion, Binding Site, and Macular Society]
PROGRAMME OVERVIEW

24th October 2013

Day 1, a 'teaching day' is focused on trainees, students and junior PostDocs. There will be a choice of tutorials covering many aspects of basic complement biology and biochemistry, including the role of complement in disease. All tutees will be expected to prepare in advance for the tutorial sessions. Tutors will be corresponding with tutees during September.

LECTURES

- What experiments of nature have taught us about the complement system, Peter Lachmann
- Structure-function relationship in health and disease, David Kavanagh
- Effect of genotype on disease risk, Claire Harris

TUTORIALS I

T1: Basic complement activation and regulation TBC & Peter Lachmann
T2: Adaptive Immunity Anne Astier & Claudia Kemper
T3: Complement and Transplantation Steve Sacks & Neil Sheerin
T4: Lectin pathway of complement activation, Wilhelm Schwaeble & Bob Sim

TUTORIALS II

T5: Structural Biology of the complement System; Susan Lea & Paul Barlow
T6: Complement Animal Models Kevin Marchbank & Paul Morgan
T7: Complement & Disease Tim Goodship & Claire Harris
T8: Complement in Eye & Kidney Disease David Kavanagh & Andrew Lotery

25th October 2013

Day 2 will consist of a number of scientific presentations. The focus will be on Complement Therapeutics (morning session) and The Interplay of Complement and other Biological Systems (afternoon session). The purpose will be to understand the role of complement in pathological and homeostatic conditions, to foster research collaboration and provide an overview of the current level of expertise within the UK.

COMPLEMENT THERAPEUTICS

- Complement Inhibition in Ahus, Tim Goodship
- Complement Inhibition in PNH, Richard Smith
- Complement Inhibition in Transplantation Nick Torpey
- Potential of Complement Activation in antiphospholipid Syndrome, Beverley Hunt & Karen Breen
- Complement Inhibition - The view from Industry, Caroline Savage

POSTER SESSION

THE INTERPLAY OF COMPLEMENT AND OTHER BIOLOGICAL SYSTEMS

- Complement and Coagulation, TBC
- Complement and Artherosclerosis, TBC
- Complement and Adaptive Immune System, Claudia Kemper
- Complement Factor H and the extracellular matrix, Simon Clark

SHOW & TELL

For more information on the programme, fees and to register, please visit:
http://estore.kcl.ac.uk/browse/extra_info.asp?compid=1&modid=2&catid=36&prodid=225