

2019- 31st UKCAS Scientific Meeting Programme
 'A Day in the Life of Cellular Interactions'

MONDAY 1st JULY 2019

Wolfson Centre Common Room

10:00 – 10:50 **Arrival & Registration**
 The Medical School – Poster Set-up

Leonard Deacon Lecture Theatre

10:50 – 11:00 **Welcome Address**
 Helen McGettrick & Myriam Chimen – Local Organisers

Scientific Session 1: Chairs – Myriam Chimen and Ann Ager

S1 11:00 – 11:45 **KEYNOTE SPEAKER**
Arne Akbar
University College London, UK
 TARGETING INFLAMMAGEING TO ENHANCE IMMUNE
 ACTIVATION *IN VIVO*.

OC1 11:45 – 12:05 **Selected Oral Communications**
Speaker 1- Anna Barkaway (QMUL)
 AGEING-ASSOCIATED SYSTEMIC INFLAMMATION
 SUPPORTS NEUTROPHIL REVERSE
 TRANSENDOTHELIAL MIGRATION *IN VIVO*

OC2 12:05 – 12:25 **Speaker 2- Laleh Pezhman (University of Birmingham)**
 ROLE OF T-CADHERIN IN THE ANTI-INFLAMMATORY
 EFFECTS OF ADIPONECTIN

Wolfson Centre Common Room

12.25 – 14.00 Buffet Lunch, Poster Session and Trade Exhibitors

Scientific Session 2: Chairs – Victoria Ridger and Anna Barkaway

S2 14:00 – 14:45 **KEYNOTE SPEAKER**
Clare Howarth
University of Sheffield, UK
 A MOUSE MODEL OF NEUROVASCULAR COUPLING
 DURING OLD AGE.

OC3 14:45 – 15:05 **Selected Oral Communications**
Speaker 1- Aikaterini Kalargyrou (UCL)
 IDENTIFYING NOVEL WAYS OF CELLULAR
 COMMUNICATION BETWEEN ROD PHOTORECEPTORS

OC4 15:05 – 15:25 **Speaker 2- Alana Cowell (University of Kent)**
 TALIN ROD DOMAIN-CONTAINING PROTEIN 1 (TLNRD1)
 IS A NOVEL ACIN-BUNDLING PROTEIN THAT LOCALISES
 TO THE TIPS OF FILOPODIA

Wolfson Centre Common Room
15.25 – 16.00 **Tea/Coffee Break**

Scientific Session 3: Chairs – Diane Cooper and Asif Iqbal

S3	16:00 – 16:45	KEYNOTE SPEAKER Christoph Scheiermann University of Munich, Germany CIRCADIAN RHYTHMS IN LEUKOCYTE MIGRATION AND FUNCTION
OC5	16:45 – 17:05	Selected Oral Communications Speaker 1- Joshua Bourne (University of Birmingham) PLATELETS INTEREACT WITH MACROPHAGES VIA THE CLEC-2-PODOPLANIN AXIS TO REGULATE IMMUNE CELL TRAFFICKING DURING INFECTION
OC6	17:00 – 17:25	Speaker 2- Louise Jonhson (University of Oxford) CD44 ORGANIZES THE HYALURONAN GLYCOCALYX ON DENDRITIC CELLS FOR EFFICIENT LYMPHATIC TRAFFICKING

Room TBC
17.30 – 18.30 **UKCAS Committee Meeting**

Banqueting Suite, Council House, City Centre Birmingham
19.00 – late **Drinks Reception and Society Dinner (sitting 19.45 and dinner served at 20.00)**

TUESDAY 2ND OF JULY 2019

Scientific Session 4: Chairs – Mathieu-Benoit Voisin and Jon Hazeldine

S4	9:00 – 9:45	KEYNOTE SPEAKER Elizabeth Sapey University of Birmingham, UK TAMING THE MIGHTY NEUTROPHIL - IMPROVING RESPONSES TO ACUTE INFECTION AND CHRONIC DISEASE
OC7	9:45 – 10:05	Selected Oral Communications Speaker 1- Carolina Roque Silva (University of Sheffield) THE EFFECT OF HUMAN NEUTROPHIL-DERIVED MICROVESICLES ON LUNG EPITHELIAL CELL FUNCTION
OC8	10:05 – 10:25	Speaker 2- Franziska Krautter (Univeristy of Birmingham) GALECTIN-9 CAUSES INCREASED ADHESION OF LEUKOCYTES FROM PERIPHERAL ARTERIAL DISEASE PATIENTS COMPARED TO HEALTHY INDIVIDUALS
OC9	10:25 – 10:45	Speaker 3- Silvia Oggero (QMUL) MONOCYTE EXTRACELLULAR VESICLES ACTIVATE THE HUMAN ATHEROSCLEROTIC PLAQUE

Wolfson Centre Common Room
10:45 – 11:00 **Tea/Coffee Break**

Scientific Session 4: Chairs – Ed Rainger and Julie Gibbs

S4	11:00 – 11.45	Helen Weavers University of Bristol, UK DISSECTING THE COMPLEX INTERPLAY BETWEEN TISSUE REPAIR AND INFLAMMATION USING <i>IN VIVO</i> MODELS
		Selected Oral Communications
OC10	11:45 – 12:05	Speaker 1- Zania Stamatakis (University of Birmingham) HEPATOCTES DELETE REGULATORY T CELLS BY ENCLYSIS: A CD4+ T CELL ENGULFMENT PROCESS
OC11	12:05 – 12.25	Speaker 2- Ann Ager (University of Cardiff) L-SELECTIN ENHANCED T CELLS PROLONG PROTECTIVE IMMUNITY TO INFLUENZA VIRUS INFECTION

Wolfson Centre Common Room
12.25 – 14.00 Buffet Lunch, Poster Session and Trade Exhibitors

Scientific Session 6: Chairs – Helen McGettrick and Patric Turowski

S6	14:00 – 14:45	John O'Neill University of Cambridge, UK CIRCADIAN ACTIN DYNAMICS DRIVE RHYTHMIC FIBROBLAST MOBILISATION DURING WOUND HEALING
		Selected Oral Communications
OC12	14:45 – 15:05	Speaker 1- Camilla Cerutti (King's College London) CDC42 TARGETS REGULATE CANCER CELL INTERACTION WITH ENDOTHELIAL CELLS IN TUMOR PROGRESSION
OC13	15:05 – 15:25	Speaker 2- Julie Gibbs (University of Manchester) REGULATORY T CELLS CONFER A CIRCADIAN SIGNATURE TO INFLAMMATORY ARTHRITIS
OC14	15:25 – 15:45	Speaker 3- Fabian Spill (University of Birmingham) MECHANICAL REGULATION OF ENDOTHELIAL CELL- CELL ADHESIONS AND FORMATION OF GAPS ASSISTING CANCER EXTRAVASATION

Leonard Deacon Lecture Theatre
15:45 – 16:00 **Presentation of Prizes**
Announcement of 2020 UKCAS meetings
16:00 **Meeting Closes**