

COMPARE

CENTRE OF MEMBRANE PROTEINS AND RECEPTORS

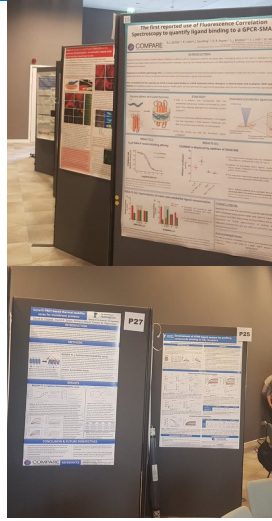
Newsletter

Edition 11, October 2018

Annual Research Symposium

The COMPARE Annual Research Symposium was held on the 28th September 2018 at the Edgbaston Park Hotel and Conference Centre. The Symposium hosted 120 delegates from both universities.

The full agenda included external speakers; Robert Insall, from the Beatson Institute at the University of Glasgow and Kurt Ballmer-Hofer from the University of Basel and a member of the COMPARE International Advisory Board, alongside new and current COMPARE colleagues including Dylan Owen, Rob Lane, Steve Thomas, Steve Briddon, Jeanette Woolard, Caroline Gorvin, Iain Styles, Diana Carvahira-Alcobia, Yi Sun, Chloe Peach and Adhullah Khan.



The event was a great opportunity for colleagues and students to meet and hear about the new and relevant research being undertaken across COMPARE. Delegates commented that they found the GPCR and imaging talks useful.

Grant Successes

Alex Brill has been awarded a three year BHF grant, project title "Neutrophils and platelets form an inflammatory circuit between inflammasomes and neutrophil extracellular traps: A role in thrombosis", the planned study will uncover a new route of regulation based on a novel link between the innate immune system



COMPARE Contact List

Please let us know the names and email addresses of any new members of staff or students joining your labs this term, so that we can make sure they receive the newsletter and relevant emails. compare@birmingham-nottingham.ac.uk

IN PARTNERSHIP:

The Universities of Birmingham and Nottingham

Key Dates

Sandpit Event, Birmingham

"Investigating receptor dynamics by single-molecule microscopy" 26th October 2018

14:00-18:15

IBR Seminar Room

University of Birmingham

[comparesandpitoct2018.eventbrite.com](https://www.eventbrite.com)

Welcome PhD Student Events

1st November, 11:00-19:00

IBR Seminar Room, University of Birmingham and

13th November, 10:30-19:00

University of Nottingham

A34 Dearing Building, Jubilee Campus

Inaugural Lecture

Daide Calebiro

"And the spotlight is on... hormone receptors!"

7th November 2018 16:30

Leonard Deacon Lecture

Theatre, Medical School

University of Birmingham

Sandpit Event, Nottingham

"Gene editing and stem cell approaches in the study of membrane proteins"

23rd January 2019 14:00-17:00

C1052 Medical School

University of Nottingham

Workshop, Single-Molecule imaging and spectroscopy of membrane proteins

12th & 13th March 2019

CPD, University of Birmingham

Medical School

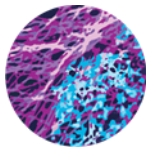
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If you have any items for the next newsletter please send to:

compare@birmingham-nottingham.ac.uk



Welcome to our dual PhD Students

The dual PhD students started their three year projects within COMPARE from 1st October 2018.



Evelyn Garlick: Evelyn graduated with a MBiol from Durham University this summer. Evie's PhD will be supervised by Steve Thomas, Rob Neely and Steve Briddon and aims to investigate the dynamics of actin and receptors and how they influence one another, using advanced microscopy techniques such as SMLM and FCS.
exg87@student.bham.ac.uk



Jak Grimes: Jak has worked in assay development at GSK, developed FRET constructs at Aston and had a recent position at the Francis Crick institute researching T cell-based receptor immunotherapies. Jak will be working in the Calebiro lab as part of a multidisciplinary team investigating GPCRs by single molecule microscopy, with specific focus on elucidating the dynamic interactions with β -arrestins, in collaboration with Davide Calebiro, Iain Styles and Steve Hill.



Eddy Wragg: Eddy has a bachelor's degree in Biological and Medicinal Chemistry from the University of Exeter, and a master's degree in Pharmacology from the University of Oxford. Eddy's PhD will be supervised by Jeanette Woolard and Neena Kalia and will be investigating *in vivo* cardiovascular haemodynamic consequences of adenosine A2AVEGFR2 protein-protein interactions and their implications for combined cancer treatments.
mbxew3@exmail.nottingham.ac.uk



Jack Yule: Jack obtained both his BMedSc Medical Science and MRes Molecular & Cellular Biology degrees from the University of Birmingham, during both of which he spent time working within Birmingham Platelet Group. He has returned to the lab for the first year of his PhD project - supervised by Natalie Poulter, Jonas Emsley and Neil Morgan - during which he will use a combination of light microscopy and structural biology approaches to study receptor clustering of GPIb in Bernard Soulier Syndrome.
jxy432@alumni.bham.ac.uk



Foteini-Nafsika Damaskinaki: Fay has a bachelor's degree in Chemistry from the University of Crete (Greece) and has recently acquired an MSc in Drug Discovery and Pharmaceutical Sciences from the University of Nottingham. Fay's PhD will be supervised by Steve Watson and Barrie Kellam. Her work will include synthesis and development of fluorescent nanobodies and novel small-compound ligands for monitoring and study of platelet receptor GPVI.
paxfd1@exmail.nottingham.ac.uk



Palash Jain: Palash specialises in Computational and Structural Biology with a keen interest in applying machine learning techniques on biological data. Palash's PhD will be supervised by Dmitry Veprintsev and Iain Styles and he will be investigating molecular basis for hetero-oligomerisation of CB2 and CCR5 receptors.
mbxpj2@exmail.nottingham.ac.uk