Third Announcement

3rd RSC / SCI Symposium on New Therapeutics for Global Health

Monday-Wednesday, 9th - 11th September 2024
Cranfield Management Development Centre,
Cranfield University, Milton Keynes, UK

Organised by
Royal Society of Chemistry’s Biological and Medicinal Chemistry Sector (RSC BMCS)
Society of Chemical Industry’s Fine Chemicals Group (SCI FCG)
Synopsis
Tuberculosis, malaria and diseases caused by a diverse range of pathogens, including flaviviruses (e.g. dengue, West Nile), kinetoplastids (causative agents of Chagas disease, leishmaniasis, etc) and gut pathogens (worms, bacteria, parasites), remain a cause of high mortality across the globe. Fortunately, an ever-improving understanding of the complex life-cycles of these disease-causing pathogens is presenting increasing opportunities for those seeking to tackle these global health problems.

This meeting will focus on the different approaches being used to develop new therapeutics for diseases that disproportionately affect low- and medium-income countries.

Keynote talks from international experts from industry and academia, alongside perspectives detailing case histories in drug discovery, will highlight the latest developments in the field whilst also showcasing the opportunity for creativity and innovation.

Registration
Registration is now open, please click here to register. For further information on rates and discounts for students, please visit the event website here.

Registration Rates:
- RSC/SCI Member - £320.00
- Non-member Standard - £400.00
- RSC/SCI Student member - £175.00
- Student non-member - £250.00

*LMIC = Low to Middle Income Countries.

Bursaries
Bursaries are available from both the RSC and SCI. Applications are welcomed from any PhD or post-doctoral student studying at an academic institution irrespective of their nationality. The applicant is preferably an RSC or SCI member or member of a National Adhering Organisation of the EFMC and is encouraged to present a short talk at the event (applications from those submitting short talk abstracts will be favoured). Applications must be endorsed by the student’s supervisor.

To apply for a bursary, click here.

Exhibition
Exhibition and sponsorship is encouraged at this established event with packages starting at £1,500 and £500 respectively, further information on what these packages include can be found on our website.

Venue & Travel
Click here for information on how to find the venue.

Organising Committee
Giancarlo Biagini, Liverpool School of Tropical Medicine
Martin Lowe, (SCI) (Chair), Exscientia UK
Jayshree Mistry, (SCI) Independent Consultant
Andrew Stachulski, (BMCS) University of Liverpool
Mary Wheldon, (BMCS) (Treasurer), Drug Discovery Unit, University of Dundee

To find out more, visit the BMCS website by using the URL or by scanning the QR code here:
https://www.rscbmcs.org/events/ntgh24/
Programme

Monday 9th September
12:00-17:00 Registration - Vincent Building
14:00-14:10 Opening remarks OC
Chair: Martin Lowe
14:10-15:05 Plenary - Pedro Alonso (University of Barcelona)
15:05-15:50 Development of anti-malarial drug discovery in Ghana
Richard K Amewu (University of Ghana)
15:55-16:10 (Short talk) Accelerating Discovery: Leveraging CDD Vault for Innovations in Global Health Pathogen Research
Susana Tomásio (CDD)
16:10 Flash presentations (2 mins no Q & A)
16:30 Drinks reception, poster session and exhibition viewing time
18:00 Buffet dinner - CMDC Restaurant

Tuesday 10th September
08:30-17:00 Registration - Vincent Building
Malaria Session - Chair: Martin Lowe
09:20 Welcome by chair
09:30-10:15 Identifying new therapeutic options to overcome malaria resistance
Laura M Sanz-Alonso (GSK)
10:15-11:00 Design of Potent and Orally Available Antimalarial PMX Inhibitors via Molecular Property Optimization
Teresa de Haro (UCB)
11:00-11:30 Coffee / Exhibition viewing
11:30-11:50 (Short talk) Selective covalent inhibition of the essential malarial protein kinase PfCLK3
Andrew Jamieson (University of Glasgow)
11:50-12:35 Antimalarial Research & Drug Discovery - tackling the next frontiers
Jeremy Burrows (MMV)
12:35-13:35 Lunch Break, poster session and exhibition viewing time

Wednesday 11th September
08:30-17:00 Registration - Vincent Building
NTD Session - Chair: Jayshree Mistry
09:20 Welcome by chair
09:30-10:15 New treatments for cryptosporidiosis with optimal properties for targeting gastrointestinal infection
Nicola Caldwell (University of Dundee)
10:15-11:00 The discovery of a novel series of compounds with single-dose efficacy against juvenile and adult Schistosoma species
Mark Gardner (Salvensis)
11:00-11:30 Coffee / Exhibition viewing
11:30-11:50 (Short talk) Covalent Tools For Essential Leishmania Bromodomain LdBDF5
Claudine Greenwood (GSK)
11:50-12:35 End-to-end drug discovery in endemic areas: a Chagas disease case study
Luiza Cruz (DNDi)
12:35-13:35 Lunch Break, poster session and exhibition viewing time

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EXHIBITORS