Call for Posters

The call for papers is now open, and papers are invited for both short talks and posters. The closing dates are 31st January (oral) and 30th April (poster). Some posters will be selected for flash oral presentation.

Who should attend

Medicinal chemists at all career stages. Scientists with an interest in drug discovery or new technologies that can be applied to the drug discovery process.

Registration, Students and Bursaries

Registration is open, and details of registration fees may be found on our website. Discounted rates are offered to RSC members and some student bursaries are available.

Venue and Accommodation

Hotel Comwell Borupgaard, Snekkersten is a 40-minute train or taxi journey from Copenhagen central railway station. Rooms are held at preferential rates at the conference venue, and the accommodation package includes dinners on Monday and Tuesday nights.

Organising Committee

Sharan Bagal (Chair)	AstraZeneca, UK
Kevin Dack	LEO Pharma
Adrian Hall	UCB
Morten Jørgensen	Lundbeck
Malin Lemurell	AstraZeneca, Sweden

Exhibition and Sponsorship

Contact the secretariat for details of exhibitor opportunities.

We are grateful to our confirmed sponsors,
LEO Pharma
Lundbeck
AstraZeneca
Additional sponsors are sought.

Secretariat Contact

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Websites: www.maggichurchouseevents.co.uk/bmcs
Also: www.rsc.org/bmcs

Second announcement and call for papers

1st RSC Anglo-Nordic Medicinal Chemistry Symposium

Sunday-Wednesday, 11th-14th June 2017

Hotel Comwell Borupgaard, Copenhagen, Denmark

ROYAL SOCIETY OF CHEMISTRY | BIOLOGICAL AND MEDICINAL CHEMISTRY SECTOR

Programme

Sunday 11th June

18:00 Registration, welcome reception and buffet supper
21:00 Close

Monday 12th June

08:30 Registration

Session 1 - Kinases

Session chair: **Sharan Bagal**, AstraZeneca, UK

09:00 *Structure-guided discovery of potent and selective inhibitors of Erk1/2 from a weak and promiscuous chemical start point*
Richard Ward, AstraZeneca, UK

09:40 *Discovery of selective and efficacious Syk inhibitors*
Gebhard Thoma, Novartis, Switzerland

10:20 Refreshments

10:40 *Spleen tyrosine kinase inhibitors for the topical treatment of inflammatory skin diseases*
Mike Barker, GlaxoSmithKline, UK

11:20 *Identification of Vps34 as a key off-target liability in the search for an oral PI3Kinase delta inhibitor for the treatment of respiratory disease*
Zoë Henley, GlaxoSmithKline, UK

12:00 *Lead generation strategies: discovery of a potent, selective and efficient IRAK4 clinical candidate from fragment-based drug design*
Frank Lovering, Pfizer, USA

12:40 Lunch
13:30 Flash poster presentations
14:00 Poster session and refreshments

Session 2 - Enabling Science and Technologies (part I)

Session chair - **Morten Jørgensen**, Lundbeck, Denmark

14:30 *DNA-encoded library technology: from hits to clinical candidate*
Thomas Franch, Nuevolution, Denmark

15:25 *Structure-based screening for GPCR ligands from fragment and lead-like chemical space*
Jens Carlsson, Uppsala University, Sweden

16:20 *Recent progress in structure-based drug design approaches to GPCRs*
Steve Watson, Heptares, UK

16:50 Refreshments

17:20 *Late stage functionalization and complex human metabolite synthesis: microbial solutions for DMPK scientists and medicinal chemists*
Liam Evans, Hypha Discovery, UK

17:35 *Drug discovery - guided by the Cellular Thermal Shift Assay (CETSA)*
Daniel Martinez Molina, Pelago Bioscience, Sweden

17:50 *Conformetrix and its application to drug discovery*
Thorsten Nowak, C4X Discovery, UK

18:05 *Fragment screening in lead discovery by Weak Affinity Chromatography (WAC)*
Johan Evanäs, Red Glead Discovery, and **Björn Walse**, SARomics Biostructures

18:20 Close
19:00 Dinner (for residents only)

Programme (continued)

Tuesday, 13th June

08:30 Registration

Session 3 - GPCRs and NHRs

Session chair - **Adrian Hall**, UCB, Belgium

09:00 *The development of GPR6 inverse agonists for the treatment of Parkinson's disease*
Holger Monenschein, Takeda, USA

09:40 *Discovery of mineralocorticoid receptor modulators separating kidney protection from electrolyte effects*
Kenneth Granberg, AstraZeneca, Sweden

10:20 Refreshments

10:40 *Free fatty acid receptors as therapeutic targets*
Trond Ulven, University of Southern Denmark (SDU), Denmark

11:20 *Topical drug design: 'Super-Soft' Selective Glucocorticoid Receptor Agonist (SEGRA-ss) for dermatology*
Kevin Neil Dack, LEO Pharma A/S, Denmark

12:00 *Development of M1 positive allosteric modulators for cognition*
Doug Beshore, Merck, USA

12:45 Lunch
13:30 Free time to enjoy the spa and the hotel

Session 4 - Enabling Science and Technologies (part II)

Session chair - **Malin Lemurell**, AstraZeneca, Sweden

16:30 *New discoveries within phosphorothioate LNA*
Erik Daa Funder, Roche Innovation Center Copenhagen, Denmark

17:00 *Phenotypic screening for small molecules that can enhance cardiac regeneration*
Anneli Nordqvist, AstraZeneca, Sweden

17:30 *Bicyclic peptide drug conjugates and applications in molecular-targeted cancer therapy*
Daniel Teufel, Bicycle Therapeutics, UK

18.00 *Medicinal chemistry beyond small molecule inhibition: new possibilities through induced intracellular protein degradation*
John Harling, GlaxoSmithKline, UK

18:30 Close
19:00 Conference dinner (for residents only)

Wednesday, 14th June

08:30 Registration

Session 5 - Enzymes and Transporters

Session chair - **Kevin N Dack**, LEO Pharma, Denmark

09:00 *Impact of transporters on the DMPK properties of drugs*
Katherine Fenner, AstraZeneca, UK

09:45 *Development of potent and selective inhibitors of MTH1 to probe its role in cancer cell survival*
James Scott, AstraZeneca, UK

10:30 Refreshments

11:00 *BACE inhibitors: optimization of druglike properties via modulation of pKa*
Harrie Gijsen, Janssen Pharmaceutica, Belgium

11:45 *The discovery of potent and orally available Dot1L inhibitors by fragment growing, fragment linking and fragmentation approaches*
Christoph Gaul, Novartis, Switzerland

12:30 Close
12:40 Lunch and depart