6th SYMPOSIUM ON PHARMACEUTICAL PROFILING IN DRUG DISCOVERY AND DEVELOPMENT

Wednesday, January 28 2015, Lecture Hall B22 BMC, UPPSALA
Register by email to Ulla Wästberg Galik (ulla.wastberg-galik@farmaci.uu.se)

We are very pleased to welcome you to a research day full of interesting and inspiring lectures! Following the previous successful Pharmaceutical Profiling meetings, we arrange for the sixth time the Symposium on Pharmaceutical Profiling in Drug Discovery and Development. During this day, international research leaders will present their views on pharmaceutical profiling, from medicinal chemistry to \textit{in vitro–in vivo} correlations. The research performed within the Uppsala University Drug Optimization and Pharmaceutical Profiling (UDOPP) at the Department of Pharmacy, Uppsala University will also be presented. The symposium is \textbf{free of charge} and this year arranged back-to-back with the PhysChemForum15 meeting. Registrations are on a first-come first-served basis.

Welcome!
Per Artursson, Pawel Baranczewski, Christel Bergström and Pär Matsson
Department of Pharmacy, Uppsala University

Symposium objectives

- Bring together scientists and students from diverse disciplines of medicinal chemistry, drug metabolism, pharmaceutical sciences and biomolecular screening.
- Review case studies of the application of property information in drug discovery.
- Contribute to the development of tools for the prediction and measurement of drug-like properties and application in discovery.
- Hear an outstanding ensemble of experts from both industry and academia.
- Present the research program within UDOPP at the Department of Pharmacy, Uppsala University.

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8.15 Registration
8.45 Welcome
8.50 Introduction
   Prof Per Artursson, Uppsala University, Sweden

Session 1:
9.05 Keynote lecture: Pursuing Compound Quality
   Dr Paul Leeson, Paul Leeson Consulting Ltd, UK

9.50 ........................................ Coffee .......................................................

10.25 Expanding druggable space by identifying rules for macrocycle ADMET
   Dr Björn Over, AstraZeneca Mölndal, Sweden

10.50 The cellular thermal shift assay – a high throughput assay for evaluating target engagement in cells
   Dr Thomas Lundbäck, Karolinska Institute, Sweden

11.10 Computer-based tools identify successful formulation pathways for poorly soluble drugs
   Dr Christel Bergström, Uppsala University, Sweden

11.35 ........................................ Lunch .......................................................  

Session 2:
13.00 Keynote lecture: The cellular uptake of pharmaceutical drugs is mainly carrier-mediated, and thus
   a problem more of systems biology than of biophysics
   Prof Douglas Kell, University of Manchester, UK

13.45 Quantifying the impact on transporters on cellular drug permeability
   Dr Pär Matsson, Uppsala University, Sweden

14.10 Using modeling and simulation to understand the role of transporters in PK, PD and DDI studies
   Dr Sibylle Neuhoff, SimCYP (Certara), UK

14.35 ........................................ Coffee .......................................................

Session 3:
15.20 Keynote lecture: The human protein atlas
   Prof Fredrik Pontén, Uppsala University, Sweden

16.05 Proteomics-based prediction and modeling of hepatic drug disposition
   Anna Vildhede, Uppsala University, Sweden

16.30 Drug transport and metabolism in cancer cell lines
   Dr Fabienne Gaugáz, Uppsala University, Sweden

16.55 Closing remarks

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The meeting takes place back-to-back with the PhysChem Forum 15 meeting (see http://physchem.org.uk/index.html) which takes place January 29. Both meetings are free of charge.

Registration for the meetings to be submitted to Ulla Wästberg-Galik by e-mail at ulla.wastberg-galik@farmaci.uu.se. Please use the registration form and state clearly if you want to register for a single day (PhysChem Forum or the 6th Symposium on Pharmaceutical Profiling) or for both meetings. Registrations are on a first comes first served basis.

To register for the PhysChem Forum dinner on Wednesday evening transfer 350 SEK to pg 957530-9 (international transfer through IBAN SE91 9500 0099 6026 0957 5309 and SWIFT NDEASESS) at the latest January 14, clearly stating your name. Any dietary requirements are to be submitted to Ulla Wästberg-Galik upon registration.

A number of hotel rooms are reserved for meeting participants at Best Western Hotel Svava in Uppsala city center. To receive the discounted price of 950 SEK per night (incl breakfast) state reference number 131511 and the conference name UDOPP. Reservations are made either by phone +46 18 132230 or e-mail info@hotelsvava.se. Reservations made through the web portal do not obtain the discount. Reservations for hotel rooms must be made prior to December 15, 2014, to obtain the discounted price.

Travel: Uppsala is situated 30 km north from Stockholm Arlanda airport which is the international airport in Sweden. Other airports in the area are Stockholm Västerås airport, Stockholm Bromma airport and Stockholm Skavsta airport. From Arlanda train and buses depart every 30 minutes and it takes 20-30 minutes to reach Uppsala dependent on which transportation that is selected. Västerås, Bromma and Skavsta have longer transportation times to reach Uppsala.

Venue: The meeting takes place at Uppsala Biomedical Centre (BMC) which is where the Faculty of Pharmacy at Uppsala University is located. BMC is reached by bus from the central station (just opposite to Hotel Best Western Svava) or by a 25 minute walk. Green city buses depart every 5th minute and reaches BMC within 10 minutes. Buses passing by BMC are 3 and 14 (towards Ö Gottsunda), 110 and 115 (towards Ultuna) and 111 (towards Sunnersta). BMC is located at the stop Uppsala Science Park. Tickets are purchased in advance at the central station.

Abstracts for posters to be submitted to christel.bergstrom@farmaci.uu.se by the latest December 15, 2014. Abstracts should include the following subtitles and contain a maximum 300 words: Aim, Methods, Results, Conclusion.

Exhibition: There will be an exhibition during the days of the two meetings (PhysChem Forum 15 and 6th Symposium on Pharmaceutical Profiling in Drug Discovery and Development). For more information contact Christel Bergström christel.bergstrom@farmaci.uu.se.
Registration form

Please email your completed form to ulla.wastberg-galik@farmaci.uu.se (write PCF15 in the subject field)

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<th>I will attend the PhysChemForum15 (bold your choice)</th>
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