Participants: PhD students, master students, postdoctoral researchers / junior scientists at the beginning of their career (in academia or industry)

Registration
Registration fee:
- Participants from academic institutions: 65 Euro
- Industrial participants: 280 Euro

Early registration: including application for funding: before July 18th, 2016
Late registration: until September 4th, 2016

For online registration, please visit our website:
http://www.uni-regensburg.de/summer-school-medchem/

Scientific contributions, preparation and submission of abstracts
Participants (registration required) are invited to present posters (maximum poster size: 'A0 oversize', 90 cm width x 120 cm height).

Online abstract submission is required before August 15th, 2016
For instructions and a template, please visit the above mentioned website.

Payment
By bank transfer. For detailed information, please visit our website.

Fellowships
Limited funds are available for participants from abroad who will need financial aid to cover part of their expenses. In this case, a poster presentation is mandatory. Please send applications to our office (address see below).

Accommodation
Reservations for accommodation can be made through the Regensburg tourist office:
Phone: +49-941-5074410; Fax: +49-941-5074418; http://www.regensburg.de;
e-mail: tourismus@regensburg.de

Confirmed Speakers:
Wilhelm Amberg, AbbVie, Ludwigshafen, Germany
Annette Beck-Sickinger, University of Leipzig, Germany
Peter Bernstein, University of Delaware, USA
Dirk Hellwig, University of Regensburg, Germany
Michael Hennig, leadXpro, Villingen, Switzerland
Clemens Lamberth, Syngenta Crop Protection, Stein, Switzerland
Stefan Laufer, University of Tuebingen, Germany
Ralph Lipp, Lipp Life Sciences, Indianapolis, USA
Hans Matter, Sanofi-Aventis Deutschland, Frankfurt a.M., Germany
Alexander Pautsch, Boehringer, Biberach, Germany
Olaf Prante, Universitätsklinikum Erlangen, Germany
Kurt Ritter, Sanofi-Aventis Deutschland, Frankfurt a.M., Germany
Holger Stark, University of Duesseldorf, Germany
Timo Stellfeld, Bayer Healthcare, Germany
Patrick Vanderheyden, Vrije Universiteit Brussel, Belgium
Beili Wu, Shanghai Institute of MateriaMedica (SIMM), CAS, Shanghai, China

Poster session:
The participants are invited to present scientific posters. A limited number of authors will be selected to give an ultra-short oral presentation (5 min, 2-3 slides; 'oral poster presentation').
Wednesday, September 21, 2016

13.00 Welcome – U. Hebel, President of the UR, A. Buschauer and P. Gmeiner

**Antiinflammatory Drugs**

13.10 Peter Bernstein
University of Delaware, USA
*Inflammation: A New Look at One of the Oldest Recognized Diseases*

14.05 Stefan Laufer
University of Tübingen, Germany
*Raising the Gold Standard: Design & Development of Highly Selective JAK3 Probe*

15.00 - Coffee break –

**Structural Biology and Drug Discovery**

15.30 Beili Wu
Shanghai Institute of MateriaMedica (SIMM), CAS, Shanghai, P.R. China
*Structural Studies of Human Purinergic Receptor P2Y1R*

16.25 Alexander Pautsch
Boehringer, Biberach, Germany
*Protein Crystallography in Drug Discovery*

17.20 - Coffee break –

17.50 Michael Hennig
leadXpro, Villingen, Switzerland
*Structure Based Lead Discovery for Challenging Membrane Protein Targets*

18.45 Oral poster presentation

19.15 Poster session / Beer and bretzel

Thursday, September 22, 2016

**GPCR Ligands**

08.30 Holger Stark
University of Düsseldorf, Germany
*Histamine H3 Receptor Ligands – From Pharmacological Tools to Drugs*

10.00 - Coffee break –

10.30 Annette Beck-Sickinger
University of Leipzig, Germany
*Peptide Drugs to Target GPCR: State of the Art and Innovative Applications*

11.25 Patrick Vanderheyden
Vrije Universiteit Brussel, Belgium
*Receptor Residence Time: A Meaningful Parameter of Receptor Ligands?*

12.15 Oral poster presentation

Friday, September 23, 2016

**Cancer Diagnostics and Therapeutics**

08.30 Dirk Hellwig
University Hospital Regensburg, Germany
*Theragnostics: Radioactive Receptor Ligands in Diagnostic and Therapeutic Nuclear Medicine*

09.25 Olaf Prante
University Hospital Erlangen, Germany
*Sweetening Pharmaceutical Radiochemistry by F-18-fluoroglycosylation*

10.20 - Coffee break –

10.40 Kurt Ritter
Sanofi-Aventis Deutschland, Frankfurt a. M., Germany
*An Introduction to Cancer Immunotherapy*

11.35 Timo Stellfeld
Bayer Healthcare, Berlin, Germany
*Discovery and Optimization of a Novel SMYD2 Chemical Probe*

12.30 Poster prizes

Concluding remarks