



REGENSBURGER UNIVERSITÄTS
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9th Summer School "Medicinal Chemistry"

in Memoriam Prof. Dr. Armin Buschauer
September 19 - 21, 2018



Confirmed Speakers:

DFG Deutsche
Forschungsgemeinschaft

David Aitken, Université Paris Sud, France

Annette Beck-Sickinger, Universität Leipzig, Germany

Moritz Bünemann, Universität Marburg

Chiara Cabrele, Universität Salzburg, Austria

Bernd Clement, Universität Kiel, Germany

Gert Fricker, Universität Heidelberg, Germany

Peter Gmeiner, Universität Erlangen-Nürnberg, Germany

Max Keller, Universität Regensburg, Germany

Stefan Laufer, Universität Tübingen, Germany

Christa Müller, Universität Bonn

Oliver Reiser, Universität Regensburg, Germany

Erich Schneider, Medizinische Hochschule Hannover, Germany

Peter Ruth, Universität Tübingen

Roland Seifert, Medizinische Hochschule Hannover, Germany

Poster session:

The participants are invited to present scientific posters.

For details, please, visit the homepage: <http://www.uni-regensburg.de/summer-school-medchem/>



9th Summer School Medicinal Chemistry

in Memoriam Prof. Dr. A. Buschauer

University of Regensburg

September 19-21, 2018

Lecture Hall H44 (Chemistry & Pharmacy Building)



Wednesday, September 19, 2018

16:00	Welcoming Coffee and Registration	14:45	Prof. Dr. Chiara Cabrele University of Salzburg, Austria <i>Targeting protein surfaces with constrained peptides</i>
17:00	Opening Plenary – Prof. Dr. U. Hebel , President of the UR, Prof. Dr. J. Heilmann – Dean of the Chemistry and Pharmacy Department and Prof. Dr. S. Laufer – University of Tübingen	15:30	Coffee break
17:30	Commemoration “Prof. Dr. A. Buschauer” Prof. Dr. Roland Seifert Hannover Medical School, Germany <i>Armin Buschauer: Forscher, Lehrer, Mentor und Vorbild</i>	16:00	Prof. Dr. Oliver Reiser University of Regensburg, Germany <i>Unnatural amino acids and neuropeptide Y- The adventures of a synthetic organic chemist in medicinal chemistry</i>
18:15	Get-together	16:30	Prof. Dr. David Aitken Université Paris Sud, France

Thursday, September 20, 2018

08:30	Prof. Dr. Christa Müller University of Bonn, Germany <i>Labeled ligands for studying G proteins and G protein-coupled receptors</i>	17:00	Poster Session
09:15	Dr. Max Keller University of Regensburg, Germany <i>Radio- and fluorescence labeled molecular tools for muscarinic acetylcholine, neurtensin, angiotensin II and neuropeptide Y receptors</i>	17:30	Barbecue at the University of Regensburg
10:00	Coffee break		
10:30	Prof. Dr. Stefan Laufer University of Tübingen, Germany EGFR triple mutant L858R_T790M_C797S: Recent set-backs and new hopes in fighting mutant non-small cell lung cancer		
11:15	Prof. Dr. Bernd Clement University of Kiel, Germany <i>Mitochondrial amidoxime reducing component (mARC): a new drug metabolizing enzyme</i>		
12:00	Prof. Dr. Gert Fricker University of Heidelberg, Germany		
12:45	Lunch break		
14:00	Prof. Dr. Annette Beck-Sickinger University of Leipzig, Germany <i>Peptide Ligands to Target GPCRs</i>		

Friday, September 21, 2018

08:30	Prof. Dr. Erich Schneider Hannover Medical School, Germany
09:15	Prof. Dr. Peter Gmeiner University of Erlangen-Nürnberg, Germany <i>Structure-guided design of selective GPCR ligands: scope and limitations</i>
10:00	Coffee break
10:30	Prof. Dr. Moritz Bünemann University of Marburg, Germany <i>Dynamics of receptor G protein complex formations: New insights into G protein subtype selectivity and mode of agonist action</i>
11:15	Prof. Dr. Peter Ruth University of Tübingen, Germany
12:00	Short Presentations selected from the Abstracts
12:45	Good Bye and Farewell Snack

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

Registration

Registration is expected until **September 1st**. Even though there is **no registration fee**, formal registration is mandatory, due to logistic reasons. On-site registration is not possible.

For **online registration**, please, visit our website:

<https://www.uni-regensburg.de/chemistry-pharmacy/pharmaceutical-medicinal-chemistry-ii/summer-school/>

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 September 5th, 2018

For instructions and a template, please visit the above mentioned website.

Accommodation

Reservations for accommodation can be made through the **Regensburg Tourismus**

GmbH office: Roter Herzfleck 2, D-93047 Regensburg; Phone: + 49 941 507 4414;

Fax: + 49 941 507 1919; <http://www.regensburg.de/tourismus/Home/3854>

Organization

Graduiertenkolleg / Research Training Group GRK 1910

"Medicinal Chemistry of Selective GPCR Ligands" (www.grk1910.de)

c/o Prof. Dr. Joachim Wegener

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