



REGENSBURGER UNIVERSITÄTS  
STIFTUNG  
HANS VIELBERTH

DPhG



FAU

N  
O  
I  
T  
A  
T  
I  
V  
N  
I

# 9<sup>th</sup> 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/>

# 9<sup>th</sup> Summer School Medicinal Chemistry

in Memoriam Prof. Dr. A. Buschauer

University of Regensburg

September 19-21, 2018

Lecture Hall H44 (Chemistry & Pharmacy Building)



DFG Deutsche  
Forschungsgemeinschaft

## Wednesday, September 19, 2018

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

## Thursday, September 20, 2018

- |       |  |                                   |  |
|-------|--|-----------------------------------|--|
| 08:30 | <b>Prof. Dr. Christa Müller</b><br>University of Bonn, Germany<br><i>Labeled ligands for studying G proteins and G protein-coupled receptors</i>   | 17:00                             | <b>Poster Session</b>  |
| 09:15 | <b>Dr. Max Keller</b><br>University of Regensburg, Germany<br><i>Radio- and fluorescence labeled molecular tools for muscarinic acetylcholine, neurtensin, angiotensin II and neuropeptide Y receptors</i> | 18:30                             | <b>Barbecue at the University of Regensburg</b>  |
| 10:00 | <b>Coffee break</b>  | <b>Friday, September 21, 2018</b> |  |
| 10:30 | <b>Prof. Dr. Stefan Laufer</b><br>University of Tübingen, Germany<br>EGFR triple mutant L858R_T790M_C797S: Recent set-backs and new hopes in fighting mutant non-small cell lung cancer                    | 08:30                             | <b>Prof. Dr. Erich Schneider</b><br>Hannover Medical School, Germany   |
| 11:15 | <b>Prof. Dr. Bernd Clement</b><br>University of Kiel, Germany<br><i>Mitochondrial amidoxime reducing component (mARC): a new drug metabolizing enzyme</i>  | 09:15                             | <b>Prof. Dr. Peter Gmeiner</b><br>University of Erlangen-Nürnberg, Germany<br><i>Structure-guided design of selective GPCR ligands: scope and limitations</i>  |
| 12:00 | <b>Prof. Dr. Gert Fricker</b><br>University of Heidelberg, Germany   | 10:00                             | <b>Coffee break</b>  |
| 12:45 | <b>Lunch break</b>   | 10:30                             | <b>Prof. Dr. Moritz Bünemann</b><br>University of Marburg, Germany<br><i>Dynamics of receptor G protein complex formations: New insights into G protein subtype selectivity and mode of agonist action</i> |
| 14:00 | <b>Prof. Dr. Annette Beck-Sickinger</b><br>University of Leipzig, Germany<br><i>Peptide Ligands to Target GPCRs</i>  | 11:15                             | <b>Prof. Dr. Peter Ruth</b><br>University of Tübingen, Germany   |
|       |  | 12:00                             | <b>Short Presentations selected from the Abstracts</b>   |
|       |  | 12:45                             | <b>Good Bye and Farewell Snack</b>   |

**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](http://www.grk1910.de))

c/o Prof. Dr. Joachim Wegener

Universität Regensburg

Universitätsstraße 31

93053 Regensburg

Germany

### **Contact:**

Office Summer School 2018

Phone: +49-941-943-4547

e-mail: [summer.school@ur.de](mailto:summer.school@ur.de)

93053 Regensburg