Frontiers in Medicinal Chemistry

February 12 – 15, 2017 · Bern/CH

www.gdch.de/medchem2017
Sunday, February 12, 2017

Lecture Hall U113

09.00 a.m. LS² Satellite Meeting
04.00 p.m.

06:00 p.m. Welcome
06:30 p.m. OPENING LECTURE
tba
J. Bradner, Basel/CH
07:30 p.m. POSTER SESSION 1
Monday, February 13, 2017
Lecture Hall U113

08:30 a.m.  Forward Chemical Genetics for Enzymes Involved in Cancer and Autoimmune Diseases  
            A. Adibekian, Geneva/CH

09:00 a.m.  Light-Controlled Epigenetics  
            R. Mazitschek, Cambridge/US

09:30 a.m.  tba

10:00 a.m.  COFFEE BREAK

10:30 a.m.  Discovery of PF-06840003, a Novel IDO1 Inhibitor for Cancer Immunotherapy  
            S. Crosignani, Charlesroi/BE

11:00 a.m.  Endocannabinoids and Metabolic Signaling Networks in Immune Processes  
            J. Gertsch, Bern/CH

11:30 a.m.  Development of in Vivo Probes for Chromatin Modification Patterns  
            B. Fierz, Lausanne/CH

12:00 a.m.  LUNCH

01:00 p.m.  POSTER SESSION 2

02:30 p.m.  PROTACs: Inducing Protein Degradation as a Therapeutic Strategy  
            C. M. Crews, New Haven/US

03:00 p.m.  Discovery and Structure-Based Optimization of Small Molecule Inhibitors of the COP9 Signalosome Subunit 5  
            E. Altmann, Basel/CH

03:30 p.m.  COFFEE BREAK

04:00 p.m.  Targeting the Proteasome by Bioactive Peptides  
            M. Groll, Garching/DE

04:30 p.m.  Bioinspired Total Syntheses of Alkaloids Isolated from Medicinal Plants  
            H. Takayama, Chiba/JP

05:00 p.m.  POSTER SESSION 3

05:00 p.m.  GENERAL MEETING (guests are welcome) of the GDCh Division on Medicinal Chemistry  
            Mitgliederversammlung der GDCh-Fachgruppe Medizinische Chemie  
            (Gäste sind herzlich willkommen)

Agenda/Tagesordnung:
1. Bericht des Vorsitzenden der Fachgruppe
2. Veranstaltungen der Fachgruppe
3. Zusammenarbeit mit anderen nationalen und internationalen Organisationen
4. Preise
5. Entwicklung der Fachgruppe
6. Verschiedenes

05:30 p.m.  GENERAL MEETING (guests are welcome) of the DPhG Division of Pharmaceutical/Medicinal Chemistry  
            Mitgliederversammlung der DPhG-Fachgruppe Medizinische Chemie  
            (Gäste sind herzlich willkommen)

Agenda/Tagesordnung:
1. Bericht des Vorsitzenden
2. Zukünftige Tagungen
3. Innovationspreis und weitere wissenschaftliche Preise
4. Verschiedenes
Tuesday, February 14, 2017

Lecture Hall U113

08:30 a.m.  **Drug Targeting to the Diseased Liver**  
K. Poelstra, Groningen/NL

09:00 a.m.  **“Stopping a Silent Killer” – Curing Hepatitis C Virus Infection**  
K. Ritter, Frankfurt (Main)/DE

09:30 a.m.  **Development of FXR Agonists for the Treatment of Non-Alcoholic Steatohepatitis (NASH) and Other Gastrointestinal Diseases**  
C. Kremoser, Ludwigshafen/DE

10:00 a.m.  **COFFEE BREAK**

10:30 a.m.  **Natural Products and Computational Chemistry**  
G. Schneider, Zürich/CH

11:00 a.m.  **Structure-Based Design of Potent and Selective Bromodomain Inhibitorss**  
A. Caflisch, Zürich/CH

11:30 a.m.  **Innovation Prize**

12:00 a.m.  **LUNCH**

01:00 p.m.  **POSTER SESSION 4**

02:30 p.m.  **Characterization of Hydration Sites in Protein-Ligand Complexes for Structure-Based Design**  
H. Matter, Frankfurt (Main)/DE, S. Güssregen, Frankfurt (Main)/DE, G. Hessler, Frankfurt (Main)/DE

03:00 p.m.  **Next Generation Tools for Structure-Based Drug Design: From Atomistic Quality Assessment to Analoging**  
M. Rarey, Hamburg/DE

03:30 p.m.  **COFFEE BREAK**

04:00 p.m.  **Discovery and Characterization of ACT-451840: An Antimalarial Drug with a Novel Mechanism of Action**  

04:30 p.m.  **Towards the Validation of Vasopressin 1a Receptor Antagonism as a Novel Target for the Treatment of Social Deficits in Autism**  
P. Schnider, Basel/CH

05:00 p.m.  **Klaus Grohe Prizes**
**Wednesday, February 15, 2017**

**Lecture Hall U113**

08:30 a.m. **Tools for Studying Heteroreceptor Dimerization (D2 and Neurotensin Receptors)**  
P. Gmeiner, Erlangen/DE

09:00 a.m. **Avenues to DNA-Encoded Libraries – of Chemo-resistant Sequences and Nanoreactors**  
A. Brunschweiger, Dortmund/DE

09:30 a.m. **PARP Inhibitor Resistance in BRCA1/2-Mutated Mouse Mammary Tumors**  
S. Rottenberg, Bern/CH

10:00 a.m. **PhD Prizes**

10:30 a.m. **COFFEE BREAK**

11:00 a.m. **Kinase Inhibitors for Cancer Treatment: A Case Study**  
L. Schio, Paris/FR

11:30 a.m. **Treating Cancer Using Mitotic Catastrophy – Discovery of Two Clinical Candidates BAY 1161909 and BAY 1217389 Targeting Mps1 Kinase**  
M. Koppitz, Berlin/DE

12:00 a.m. **Discovery of a New Generation of Potent and Selective PI3K Delta Inhibitors for Autoimmune and Inflammatory Diseases**  
K. Hoegenauer, Basel/CH

12:30 a.m. **Closing Remarks**

**POSTER**

Deadline for poster submissions: December 12, 2016

www.gdch.de/medchem2017

Poster format: Portrait A0 (height: 118.9 cm, width: 84.1 cm)

**SOCIAL PROGRAM**

**Sunday, February 12, 2017 07:30 p.m.**

**Get-together and 1st Poster Session**
University of Bern  
Cafeteria + foyer of lecture hall U113 and EG16  
Freiestr. 3  
3012 Bern, Switzerland  
(free of charge, booking required)

**Monday, February 13, 2017 07:30 p.m.**

**“Trotinett”- Guided City Tour**  
UNESCO World Heritage  
Price per person € 33,-* booking required  
Meeting point: Tourist Information Bern main train station

**Guided Tour through Bern’s historic city center**  
UNESCO World Heritage  
Price per person € 14,-* booking required  
Meeting point: Tourist Information Bern main train station

**Einstein Tour**  
The tour starts at the Clock tower (Zytglogge). After this you will visit the Einstein-house and you will learn all about his life.  
Price per person € 15,-* booking required  
Meeting point: Tourist Information Bern main train station

**Tuesday, February 14, 2017 08:00 p.m.**

**Congress Dinner**  
Kursaal (Hotel Allegro)  
Kornhausstr. 3  
3000 Bern 22, Switzerland  
Price per person € 88,-* incl. buffet and beverages booking required

* Not taxable under German law – exempt from tax under Swiss law.
VENUE

University of Bern
Department of Chemistry and Biochemistry
Lecture Hall U113
Freiestr. 3
3012 Bern, Switzerland

TRAVEL INFORMATION

Arrival by car
A1/A12 direction Neuchâtel/Fribourg, exit Bern-Neufeld. Turn left in the direction of Länggasse. At the traffic light turn right into Bremgartenstrasse and go straight on to the roundabout. Turn left into Länggassstrasse. At the second traffic light turn right into Muesmattstrasse. Take the first on the left which is Freiestrasse. The DCB is opposite the church. Parking is strictly limited to 60 min in the whole area. For longer parking opt for the railway station car park.

Arrival by Train/ Public Transportation
After arrival at Bern main station take bus number 12 direction “Länggasse”. Get off at “Mittelstrasse” walk into the direction the bus was going, cross the street at the pedestrian crossing opposite the post office, turn right and then immediately left into “Fellenbergstrasse. Walk to the end of the street. The department of chemistry and biochemistry at Freiestrasse 3 is just opposite the church.

see also: www.dcb.unibe.ch/about_us/contact/index_eng.html

The „Deutsche Bahn“ offers attractive conditions for travelling to GDCh-events. Further information can be found on following link: en.gdch.de/railway

ACCOMMODATION

The Bern Incoming GmbH will gladly assist in booking accommodation in all categories.

Please book online (Deadline: December 11, 2016) https://event.onax.ch/Event5Bern/1B98C3F2C3564B14A5517EB3F9F23566/GB or through the conference webpage.

Phone: +41 31 328 12 60
E-mail: info@bern-incoming.ch
Internet: www.bern-incoming.ch

The customers will be held accountable for non-occupancy of reserved rooms.

REGISTRATION

Please register online not later than January 1, 2017

www.gdch.de/medchem2017

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.
Claudia Birkner – Congress Team
Postfach 90 04 40
60444 Frankfurt/Main
Germany
Phone: +49 69 7917-366
E-mail: tg@gdch.de
Internet: www.gdch.de

All tickets and congress papers (incl. book of abstracts) will be handed to the participants upon check-in at the registration desk. Participants are requested to wear their congress badges at all times for identification and admittance to the conference rooms.

Upon online registration, payment by credit card, direct debit or bank transfer (only with German bank account) is possible. The invoice will be sent to you automatically.

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.
Commerzbank AG Frankfurt/Main
IBAN DE85 5008 0000 0490 0200 00
SWIFT-BIC DRESDEFFXXX
Code 4000 02/MedChem 2017

SATELLITE MEETING

A satellite meeting co-organized by LS² (Life Sciences Switzerland) will take place on Sunday, February 12, 09:00 a.m. – 04:00 p.m. just before the start of the main event. One of the plenary speakers, Alexander Adibekian (UNIGE) will be the chair of this meeting. Master and PhD students are invited to apply at https://meetings.ls2.ch/medchem from 15th of November onwards for an oral presentation at this event. The satellite meeting is limited to 25 attendees. Registration is free and participants will get up to 100CHF of travel and accommodation support!

For questions to the satellite meeting, please refer to Carolin von Schoultz (Scientific Officer LS², info@ls2.ch)
REGISTRATION FEES

<table>
<thead>
<tr>
<th>Category</th>
<th>Until Dec. 5, 2016</th>
<th>From Dec. 6, 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic member (GDCh, DPhG, SCG) and member of EuCheMS-member societies</td>
<td>€ 330,-</td>
<td>€ 380,-</td>
</tr>
<tr>
<td>Academic non-member</td>
<td>€ 380,-</td>
<td>€ 430,-</td>
</tr>
<tr>
<td>Industry member (GDCh, DPhG, SCG) and member of EuCheMS-member societies</td>
<td>€ 380,-</td>
<td>€ 430,-</td>
</tr>
<tr>
<td>Industry non-member</td>
<td>€ 430,-</td>
<td>€ 480,-</td>
</tr>
<tr>
<td>Member, unemployed or retired</td>
<td>€ 170,-</td>
<td>€ 210,-</td>
</tr>
<tr>
<td>Student** member (GDCh, DPhG, SCG) and member of EuCheMS-member societies</td>
<td>€ 110,-</td>
<td>€ 130,-</td>
</tr>
<tr>
<td>Student** (Non-member)</td>
<td>€ 160,-</td>
<td>€ 180,-</td>
</tr>
<tr>
<td>Gold-member (with over 50 years of GDCh membership)</td>
<td>free of charge</td>
<td></td>
</tr>
</tbody>
</table>

* Not taxable under German law – exempt from tax under Swiss law.
** valid Student-ID required

If fees are paid in advance, but after February 1, 2017, we kindly ask participants to show proof of payment when claiming their tickets and congress papers at the registration desk. Credit cards (Amex, Mastercard, Visa) will be accepted.

CANCELLATION

Requests for cancellation made prior to January 1, 2017 will be subject to a € 25,- administration fee. After that date the full amount of the invoice has to be paid. Requests for refund will not be accepted; however, registration may be transferred to another member of your organisation. In this case please send a note to GDCh, congress team.

If the meeting is cancelled for whatever reason, fees paid will be refunded. Further recourse is excluded.

COPYRIGHT PERMISSION

Photos made on GDCh conferences are used exclusively by GDCh for documentation, news coverage and advertisement.

SCHOLARSHIPS

The GDCh Division of Medicinal Chemistry offers a limited number of scholarships to student Division members in education presenting a scientific contribution. Please send your application (form on the internet at www.gdch.de/medchem) until December 5, 2016, latest.

BEVERAGES

Coffee, tea and softdrinks will be provided for free during the breaks.

LUNCH

Lunch will be served in the University canteen and can be bought upon registration.

Price per meal incl. one drink € 14.50

INFORMATION BEFORE AND AFTER THE MEETING

INFORMATION AND REGISTRATION DURING THE CONFERENCE

Opening hours of the conference office:
Foyer of the Lecture Hall University of Bern:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, February 12, 2017</td>
<td>04.00 p.m. – 06.30 p.m.</td>
</tr>
<tr>
<td>Monday, February 13, 2017</td>
<td>08.00 a.m. – 05.00 p.m.</td>
</tr>
<tr>
<td>Tuesday, February 14, 2017</td>
<td>08.00 a.m. – 04.30 p.m.</td>
</tr>
<tr>
<td>Wednesday, February 15, 2017</td>
<td>08.00 a.m. – 12.00 a.m.</td>
</tr>
</tbody>
</table>

Phone: +49 175 335 4803
Fax: +49 69 7917 1366
FURTHER CHEMICAL SOCIETIES

Deutsche Pharmazeutische Gesellschaft e.V.
(German Pharmaceutical Society (DPhG))
Varrentrappstr. 40-42
60486 Frankfurt/Main
Germany
Phone: +49 69 7191596-0
Fax: +49 69 7191596-29
E-mail: info@dphg.de
Internet: www.dphg.de

Swiss Chemical Society (SCS)
(Schweizerische Chemische Gesellschaft, SCG)
Laupenstr. 7
Postfach
CH-3001 Bern
Switzerland
Phone: +41 31 3106-9242
E-mail: info@scg.ch
Internet: www.scg.ch

DATES

Deadlines
December 5, 2016   Early registration
December 12, 2016  Submission of posters
January 1, 2017    Cancellation of participation
SPONSORS

Kontaktgruppe für Forschungsfragen (KGF):

- Novartis
- Roche
- Syngenta
- Sanofi
- Actelion