



GESELLSCHAFT DEUTSCHER CHEMIKER

Fachgruppe
Medizinische Chemie



Deutsche Pharmazeutische Gesellschaft

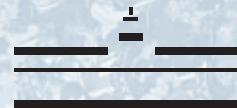
Fachgruppe
Pharmazeutische/Medizinische Chemie

Frontiers in Medicinal Chemistry

March 14 – 17, 2010 · Münster

Major Topics:

- Ion Channels
- Nanotechnology
- Neglected Diseases
- Anticancer Drugs
- Highlights in Medicinal Chemistry



WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER



Medizinische
Chemie



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► SCIENTIFIC COMMITTEE

A. Buschauer	Regensburg
P. Gmeiner	Erlangen (Chairman of the DPhG division)
G. Klebe	Marburg
M. Lehr	Münster
E. Ottow	Berlin
U. Stilz	Frankfurt (Chairman of the GCDh division)
B. Wünsch	Münster (Chairman of the committee)

INFORMATION AND REGISTRATION DURING THE MEETING

The registration desk will be located in the foyer of the Institute of Pharmaceutical and Medicinal Chemistry.

Opening hours:

Sunday, March 14, 2010	16.00 – 18.30 hrs
Monday, March 15, 2010	8.00 – 17.00 hrs
Tuesday, March 16, 2010	8.00 – 16.30 hrs
Wednesday, March 17, 2010	8.00 – 12.30 hrs

Phone: +49 251 83 33310

INFORMATION ABOUT THE GERMAN PHARMACEUTICAL SOCIETY

German Pharmaceutical Society
(Deutsche Pharmazeutische Gesellschaft e.V.)
Hamburger Allee 26-28
D-60486 Frankfurt am Main

Phone: +49 69 7191596-0
Fax: +49 69 7191596-29
E-Mail: info@dphg.de
Internet: www.dphg.de

Sunday, March 14, 2010

18.00 **Welcome to “Frontiers in Medicinal Chemistry”**

Prof. Dr. Ursula Nelles

Rector of the University of Münster

Prof. Dr. Bernhard Wünsch

Chairman of the committee

Prof. Dr. Michael Dröscher

GDCh President

Prof. Dr. Peter Gmeiner

Chairman of DPhG division

18.30 **OPENING LECTURE**

Systems Biology

Westerhoff, H. V., Manchester/GB

19.30 **Get-together and Poster Session**



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Monday, March 15, 2010

Ion Channels

- 8.30 **Computational Approaches to Understand Ion Channel Function**
Kast, S. M., Dortmund/D
- 9.10 **Combining Chemistry and Biology in Studies of Ionotropic Glutamate Receptors**
Stromgaard, K., Copenhagen/DK
- 9.50 Coffee Break
- 10.10 **Therapeutic Potential of N-methyl-D-aspartate (NMDA) Receptor Antagonists**
Parsons, C., Frankfurt (Main)/D
- 10.50 **Development of GABA Uptake Inhibitors**
Wanner, K. T., Munich/D
- 11.30 **Glycine Transporter 1 Inhibitors for the Treatment of Schizophrenia**
Pinard, E., Basel/CH, Alberati, D., Basel/CH, Borroni, E., Basel/CH, Fischer, H., Basel/CH, Hainzl, D., Basel/CH, Jolidon, S., Basel/CH, Moreau, J.-L., Basel/CH, Narquizian, R., Basel/CH, Nettekoven, M., Basel/CH, Norcross, R., Basel/CH, Stalder, H., Basel/CH, Thomas, A. W., Basel/CH
- 12.10 Lunch
- 13.00 **Postersession**

Monday, March 15, 2010

Nanotechnology

- 14.00 **Chemically Programmed Nanosystems for Therapeutic DNA and RNA Delivery**
Wagner, E., München/D
- 14.40 **Functional Dendritic Architectures as Multivalent Drugs and Nanocarriers**
Haag, R., Berlin/D
- 15.20 Coffee Break
- 15.40 **Antibody-Drug Conjugates for the Treatment of Cancer**
Flygare, J. A., South San Francisco/USA
- 16.20 **Conferring Tumor Specificity to Potent Cytotoxic Agents: A Case Study of the Antibody-maytansinoid Conjugate IMG901**
Chari, R., Waltham/USA
- 17.00 **Short Lecture**
- 17.20 **Short Lecture**
- 17.40 **Short Lecture**
- 18.00 **Short Lecture**
- 18.30 **General Meeting of the GDCh-division Medicinal Chemistry**
- 19.00 **General Meeting of the DPhG division Pharmaceutical/Medicinal Chemistry**
- 20.00 Guided tour through the city of Münster



Photo: © Presseamt Münster / Tilman Robmoller

Tuesday, March 16, 2010

- 8.30 **INNOVATION PRIZE 2009**
Chemogenomic Profiling Provides Insights into the Limited Activity of Irreversible EGFR Inhibitors in Tumor Cells Expressing the T790M EGFR Resistance Mutation
Rauh, D., Dortmund/D

Neglected Diseases

- 9.10 **Regulation of the Permeability and Multi Drug Resistance at the Blood Brain Barrier**
Galla, H.-J., Münster/D
- 9.50 Coffee Break
- 10.10 **Discovery, Profiling and Clinical Proof of Concept of AIC246, a Novel Inhibitor of the Human Cytomegalovirus (HCMV)**
Rübsamen-Schaeff, H., Wuppertal/D
- 10.50 **Development of Inhibitors of Apicoplast Functions as Novel Antimalarials**
Schlitzer, M., Marburg/D
- 11.30 **Target and Lead Discovery for Neglected Diseases**
Renslo, A. R., San Francisco/USA
- 12.10 Lunch
- 13.00 **Postersession**

Tuesday, March 16, 2010

Anticancer Drugs

- 14.00 **Translational Approaches to Oncology**
von Kalle, C., Heidelberg/D
- 14.40 **Structure Based Design and Optimisation of Inhibitors in the PI3K/mTOR Pathway**
Stauffer, F., Basel/CH
- 15.20 Coffee Break
- 15.40 **Gamma Secretase Inhibitors: From Alzheimers Disease to a Potential Cancer Treatment**
Flohr, A., Basel/CH
- 16.20 **From Singleton to a Successful Lead Class: A Case Study of KSP Inhibitors**
Ettmayer, P., Vienna/A, Reiser, U., Vienna/A, Bader, G., Vienna/A, Herfurth, L., Vienna/A, Krämer, O., Vienna/A, Rudolph, D., Vienna/A, Schnitzer, R., Vienna/A, Schaaf, O., Vienna/A, Sennhenn, P., Vienna/A, Spevak, W., Vienna/A, Zöphel, A., Vienna/A, Tontsch-Grunt, U., Vienna/A
- 17.00 **Discovery of Novel Small Molecule Inhibitors of HSP90**
Eggenweiler, H.-M., Darmstadt/D
- 17.40 **Short Lecture**
- 18.00 **Short Lecture**
- 20.00 **Congress Dinner including poster prizes**



Photo: © Presseamt Münster

Wednesday, March 17, 2010

08.30 **INNOVATION PRIZE 2010**
Lecture

Highlights in Medicinal Chemistry
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- 9.10 **Immunotherapy of Cancer with Trifunctional Antibodies: From Bench to Approval**
Lindhofer, H., München/D
- 9.50 **Synthesis of an SGLT Inhibitor**
Rossen, K., Frankfurt (Main)/D
- 10.30 Coffee Break
- 10.50 **ULTRA-SHORT LECTURES**
Winner of the poster prizes
- 11.20 **Total Synthesis, Molecular Editing and Biological Evaluation of Cytotoxic Natural Products**
Fürstner, A., Mülheim (Ruhr)/D
- 12.00 **Organometallic Complexes as Emerging Scaffolds for the Design of Enzyme Inhibitors**
Meggers, E., Marburg/D
- 12.40 **Closing Remarks**
Dr. U. Stilz

Monday, March 15, 2010

Großer Hörsaal

18.30- **General Meeting of the GDCh Division**
19.00 **on Medicinal Chemistry**
(guests are welcome)

Mitgliederversammlung der GDCh-Fachgruppe Medizinische Chemie
(Gäste sind herzlich willkommen)

Agenda / Tagesordnung:

1. Bericht des Vorsitzenden der Fachgruppe
2. Tagungen
 - 2.1 "Frontiers in Medicinal Chemistry" 2011
 - 2.2 International Symposium on Medicinal Chemistry (ISMC) 2012 in Berlin
3. Zusammenarbeit mit anderen nationalen und internationalen Organisationen
4. Innovationspreis in Medizinisch/Pharmazeutischer Chemie
5. Verschiedenes

19.00- **General Meeting of the DPhG Division of**
19.30 **Pharmaceutical/Medicinal Chemistry**
(guests are welcome)

Mitgliederversammlung der DPhG-Fachgruppe Pharmazeutische/Medicinische Chemie
(Gäste sind herzlich willkommen)

Agenda / Tagesordnung:

1. Bericht des Vorsitzenden
2. Tagungen
3. Innovationspreis in Medizinisch/Pharmazeutischer Chemie
4. Ausbildungsfragen insbesondere strukturierte Promotionsstudiengänge
5. EFMC Tagung 2012 in Berlin
6. Verschiedenes

▶ **LAST MINUTE POSTERS**

It is still possible to submit posters for the meeting

www.gdch.de/medchem2010

Deadline for submissions: **February 10, 2010**

Poster format: **Portrait** A0 (H x B = 1189 mm x 841 mm): max H 1300 mm

Prizes will be awarded to the best three posters. The winning poster presenters will be allotted 5 minutes to present their work followed by a 5 minute question time on March 17, 2010. Therefore, all poster presenters should be prepared to give such an ultra-short lecture (5 min, 2-3 slides).

▶ **SOCIAL PROGRAM**

Sunday, March 14, 2010

19.30

Get-together

Foyer of the Department of Pharmaceutical and Medicinal Chemistry

(free of charge, booking required)

Monday, March 15, 2010

20.00

Guided tour through the city of Münster

Meeting point: Domplatz, main entrance "Dom zu Münster" (church)

(free of charge, booking required)

Tuesday, March 16, 2010

20.00

Congress dinner

Schloßgarten Restaurant
Schloßgarten 4
D-48149 Münster

Internet: www.schloßgarten.com

Note: all participants of the meeting are invited to attend the dinner. Drinks not included.

(free of charge, booking required)

▶ **LOCATION**

The conference will take place at

University of Münster
Institute of Pharmaceutical and Medicinal Chemistry
"Großer Hörsaal"
Hittorfstraße 58-62
D-48149 Münster

Internet: www.uni-muenster.de

▶ **TRAVEL INFORMATION****Buses to the city centre and to Münster main station**

The fastest way to go to the city centre is by bus. The bus stop next to the symposium building is „P + R Coesfelder Kreuz“ near the university cafeteria. Buses departing from the cafeteria side run to destinations outside the city centre, buses departing from the side opposite to the cafeteria run to the city centre and to Münster main station. Information about the bus schedule is available at the conference office.

Münster Marketing offers a free "Welcome! Ticket Münster" for all attendees (for any number of road trips within the municipal area of Münster including night buses for the duration of the meeting). The ticket is available together with the congress materials at the registration desk.

Buses from Münster main station to Münster-Osnabrück International Airport (FMO)

Buses regularly run from Münster main station to FMO airport. Buses to FMO take approx. 45 min. Bus line S50 departs from platform B3 always at 21 min past the hour (scheduled transfer time: 33 min). Bus line R51 departs from platform B3 always at 9 min to the hour (scheduled transfer time: 46 min). A ticket to FMO airport is € 5.90 ("zone 5").

Trains from Münster main station to Düsseldorf International Airport (DUS)

A ride to Düsseldorf International Airport by train takes approximately 90 to 110 min. (With most of the trains from Münster to Düsseldorf airport, you have to switch trains once). Further information is available at the Deutsche Bahn (German Rail) website: <http://reiseauskunft.bahn.de/bin/query.exe/en>.

REGISTRATION

Please register online via internet no later than **February 10, 2010**.

www.gdch.de/medchem2010

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.

By online registration, payment by credit card or direct debit is preferred. If you wish to pay by bank transfer (free of bank commission) please do not forget to print the invoice at the end of your online-registration.

BANK DETAILS

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.

Dresdner Bank AG Frankfurt am Main

Bank no.: 500 800 00

Account no.: 4 900 200 00

Code: 5401 / MedChem 2010

Attention:

Participants from EU countries except Germany please use the IBAN (International Bank Account Number) and SWIFT-BIC (Bank Identifier Code) instead of the bank and account number:

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.

Dresdner Bank AG Frankfurt am Main

IBAN: DE85 5008 0000 0490 0200 00

SWIFT BIC: DRES DE FF

Code 5401 / MedChem 2010

REGISTRATION FEES**

GDCh-member, DPhG-member and member of EuCheMS-member societies	€ 290,-
Member, unemployed or retired	€ 170,-
Non-member	€ 340,-
Student* (GDCh-member, DPhG-member and member of EuCheMS-member societies)	€ 75,-
Student* (Non-member)	€ 100,-
Gold member (with over 50 years of GDCh membership)	free of charge

* valid student card required

** The registration fees are not liable to value added tax (tax exemption additional § 4 Nr. 22a UStG.)

If fees are paid in advance, but after **February 19, 2009**, we kindly ask participants to show proof of payment when claiming their tickets and congress papers at the registration desk. Credit cards (Mastercard, Visa) will be accepted.

Requests for cancellation made prior to **February 19, 2010** 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 department.

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

BEVERAGES

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

LUNCH

Lunch can be taken at the University Mensa, Coesfelder Kreuz, Domagkstr. 61, walking distance 3 min. Meals and beverages can be paid by cash only.

▶ ROOM RESERVATION

Münster Marketing will gladly assist you in booking accommodation in all categories. Please apply no later than **February 14, 2010**, using the online form on

www.gdch.de/medchem2010

or contact them directly:

Münster Marketing Callcenter

Phone: +49 251 492-2726

E-Mail: tourismus@stadt-muenster.de

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

▶ DATES

Deadlines:

February 10, 2010

Submission of posters

February 10, 2010

Personal registration

February 14, 2010

Room reservation

February 19, 2010

Cancellation of participation

▶ COPYRIGHT PERMISSION

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▶ INFORMATION BEFORE AND AFTER THE MEETING

Gesellschaft Deutscher Chemiker e.V.

(German Chemical Society)

Congress Department / MedChem 2009

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Executive director: Professor Dr. Wolfram Koch

Registered Charity No.: VR 4453 Registergericht Frankfurt am Main