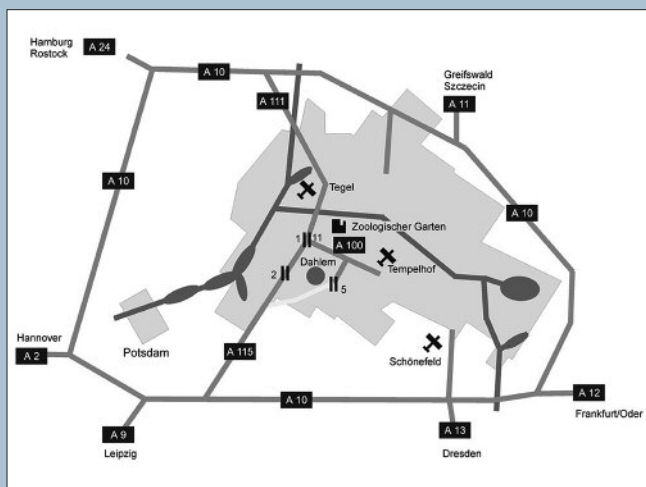
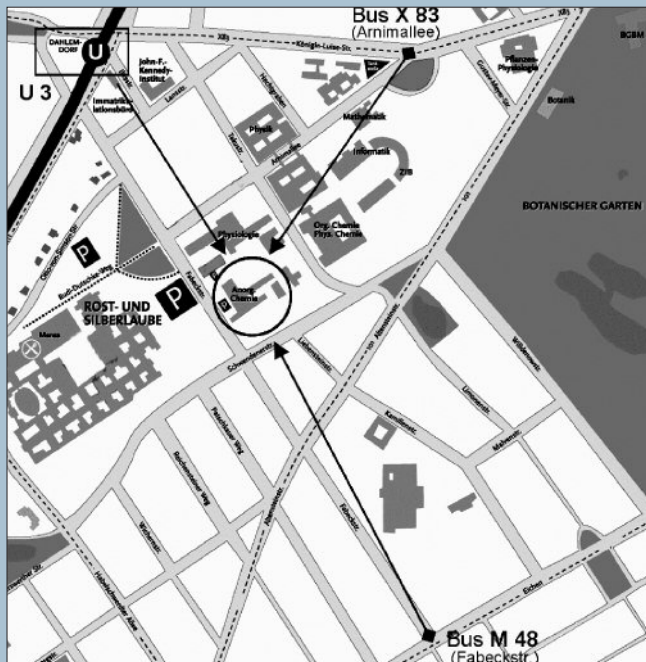


## MAP



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GDCh

GESELLSCHAFT DEUTSCHER CHEMIKER

DPhG

Deutsche Pharmazeutische Gesellschaft

Fachgruppe  
Pharmazeutische/Medizinische Chemie

## JOINT GERMAN-SWISS MEETING ON MEDICINAL CHEMISTRY

March 18 – 21, 2007 • Berlin

### Frontiers in Medicinal Chemistry

#### Major Topics:

- Anti-infectives / Tropical Diseases
- CNS Disorders / Neurodegeneration
- Oncology
- Technologies / Metabolism
- Highlights in Medicinal Chemistry



SWISS CHEMICAL SOCIETY  
Division for  
Medicinal Chemistry

Freie Universität



Berlin



Medizinische  
Chemie

## SCIENTIFIC COMMITTEE

H.-U. Reißig	Berlin (Chair of the committee)
E. Ottow	Berlin (Chair of the committee)
H. U. Stilz	Frankfurt/Main (Chairman of GDCh division)
B. Clement	Kiel (Chairman of DPhG division)
H. P. Maerki	Basel (Chairman of Swiss Chemical Society division)
P. Gmeiner	Erlangen
R. Gust	Berlin
G. Klebe	Marburg
P. Mohr	Basel
W. Neidhart	Basel
J. Rademann	Berlin
H. Weinmann	Berlin

## SPONSORS



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Bayer Schering Pharma AG



Kontaktgruppe für Forschungsfragen (KGF), Schweiz



Lilly Forschung GmbH

Furthermore the conference is generously supported by following companies



Abbott GmbH & Co. KG



Boehringer Ingelheim GmbH



Sanofi-Aventis Deutschland GmbH

preliminary list

## SCIENTIFIC PROGRAM

Sunday, March 18, 2007

18.00 Welcome to “Frontiers in Medicinal Chemistry”

18.30 **OPENING LECTURE**

**New compounds from nature**

Clardy, J., Boston/USA

19.30 **Get-together**



Monday, March 19, 2007

## Antiinfectives / Tropical Diseases

- 8.30 **Structure-based Design Approaches in the Development of New Leads Against Infectious Diseases**  
Diederich, F., Zurich/CH
- 9.10 **Chemical Postevolution of Antibacterial Natural Products**  
Hübich, D., Wuppertal/D
- 9.50 **Structural Biology in the Search of New Therapeutics for Tropical Diseases**  
Hol, W., Washington/D
- 10.30 **Coffee break / poster**
- 10.50 **Synthetic Peroxides and Novel Diamidines for Malaria and African Sleeping Sickness**  
Brun, R., Basel/CH
- 11.30 **Development of Benzophenone-Derivatives as Anti-Protozoic Agents**  
Schlitzner, M., Marburg/D
- 12.10 **New Approaches in the Fight Against Tropical Diseases**  
Matter, A., Singapore/SGP
- 12.50 **Lunch break / poster**

## CNS Disorders / Neurodegeneration

- 14.30 **Pathologies of Alzheimer's Disease and Perspectives for Causal Therapies**  
Jacobsen, H., Basel/CH
- 15.10 **Immunotherapy of Alzheimer's Disease**  
Nitsch, R., Zurich/CH
- 15.50 **Coffee break / poster**
- 16.10 **Gamma-Secretase Inhibitors**  
Audia, J. E., Indianapolis/USA
- 16.50 **Design, Synthesis and Characterization of Selective Dopamine D<sub>3</sub> Receptor Antagonists for the Treatment of Schizophrenia**  
Haupt, A., Ludwigshafen/D
- 17.30 **Detection of Reactive Metabolite Formation in Early Drug Discovery**  
Baillie, T. A., West Point/USA
- 18.15 **General Meeting of the GDCh Division of Medicinal Chemistry**  
(topics see page 7)
- 19.00 **Main poster session with snacks and beer**

Tuesday, March 20, 2007

## Oncology

- 8.30 **Biotherapeutics for Treatment of Cancer**  
Trikha, M., San Francisco/USA
- 9.10 **Natural Products as Lead Structures in Oncology Research**  
Kalesse, M., Hannover/D
- 9.50 **Coffee break / poster**
- 10.20 **The Potential of Kinase Inhibitors for Treatment of Cancer**  
Garcia-Echeverria, C., Basel/CH
- 11.00 **Selective inhibitors of the mitotic kinesin-5**  
Schiemann, K., Darmstadt/D

## Technologies / Metabolism

- 11.40 **Development of Novel Functional Fluorescence Probes Based on Rational and Flexible Design Strategies**  
Urano, Y., Tokyo/J
- 12.00 **Lunch break / poster**
- 14.00 **Crystallography-Driven Fragment-Based Lead Generation for Oncology Targets**  
Blaney, J., San Diego/USA
- 14.40 **Milestones and Challenges in the Prediction of Human Metabolism**  
Cruciani, G., Perugia/I
- 15.20 **Minimising the Potential for Metabolic Activation in Drug Discovery**  
Kalgutkar, A. S., Groton/USA
- 16.00 **Coffee break / poster**
- 16.30 **Role of Pharmacologically Active Metabolites in Drug Discovery and Development**  
Fura, A., Princeton/USA
- 17.20 **General Meeting of the DPhG Division of Pharmaceutical/Medicinal Chemistry**  
(topics see page 7)
- 20.00 **Congress dinner with donation of poster and innovation prizes**

Wednesday, March 21, 2007

## Highlights Session I

- 8.30 **The Synthetic Development of the Anti-Influenza Neuraminidase Inhibitor Oseltamivir Phosphate (Tamiflu®): A Challenge for Synthesis & Process Research**  
Karpf, M., Basel/CH
- 9.10 **Synthetic Heparin: From Fondaparinux and Idraparinux to a Novel CarbocARRIER Technology for Therapeutic Proteins**  
van Boeckel, S., Oss/NL
- 9.50 **Coffee break / poster**

## Short lectures

- 10.20  
– **Short Lectures**
- 11.50
- 11.50 **Short break**

## Highlights Session II

- 12.00 **Small molecule CCR2 antagonists for the treatment of inflammatory and autoimmune diseases**  
Yang, L., Rahway/USA
- 12.40 **Studies in Asymmetric Synthesis**  
Carreira, E. M., Zurich/CH
- 13.20 **Closing remarks**
- 13.30 **End of meeting**

Monday, March 19, 2007

- 18.15 **General Meeting of the GDCh Division of Medicinal Chemistry**  
(guests are welcome)

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

**Agenda / Tagesordnung:**

1. Bericht des Vorsitzenden der Fachgruppe
2. „Frontiers in Medicinal Chemistry“. Jahrestagung 2008
3. Zusammenarbeit mit anderen nationalen und internationalen Organisationen
4. Innovationspreis in Medizinisch/Pharmazeutischer Chemie
5. Verschiedenes

Tuesday, March 20, 2007

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

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

**Agenda / Tagesordnung:**

1. Protokoll
2. Bericht des Vorsitzenden
3. Tagungen
4. Innovationspreis in Medizinisch/Pharmazeutischer Chemie
5. Ausbildungsfragen insbesondere Bachelor/ Master-Studiengänge
6. Evaluation Chemie
7. Mitgliedschaft in der European Federation for Medicinal Chemistry (EFMC)
8. Mitgliedsbeiträge für Fachgruppen
9. Verschiedenes

## GENERAL INFORMATION

### POSTER

It is still possible to submit posters for the meeting:

[www.gdch.de/medchem2007](http://www.gdch.de/medchem2007)

Deadline for submissions: **February 15, 2007**

Poster format: Portrait DIN A0 (120 x 85 cm)

### SOCIAL PROGRAM

**Sunday, March 18, 2007** 19.30

#### Get-together

(free of charge; booking required)

Foyer of Lecture Hall, Fabeckstraße 34-36

**Tuesday, March 20, 2007** 20.00

#### Congress dinner with donation of poster and innovation prizes

at "Lindenbräu", Am Potsdamer Platz (Sonycenter), Berlin.

(Dinner and drinks included in the registration fee)



# R E G I S T R A T I O N

Please return one completed form for each participant not later than **February 22, 2007** to the address overleaf or send it to the following fax-number: **+49 69 7917-475**

**Frontiers in Medicinal Chemistry  
Joint German-Swiss Meeting on Medicinal Chemistry  
March 18 – 21, 2007, Berlin**

German Chemical Society (GDCh)  
Congress Department / MedChem 2007  
P. O. Box 90 04 40

D-60444 Frankfurt am Main

# R E G I S T R A T I O N

Please return your registration until **February 22, 2007** to the  
backside address or by fax to **+49 69 7917-475**.

Online registration is preferred at:  
**www.gdch.de/medchem2007**

**“Frontiers in Medicinal Chemistry”  
Joint German-Swiss Meeting on Medicinal Chemistry  
March 18 – 21, 2007 in Berlin**

Mr.  Mrs.  Prof.  Dr.

Membership no. \_\_\_\_\_

**A – Meeting: Registration for participants; a separate registration  
form has to be used for each registration**

**I. Participation fees including conference dinner on March 20, 2007\***

<input type="checkbox"/> GDCh-member, DPhG-member, SCG-member and member of EuCheMS-member societies	€ 280,-
<input type="checkbox"/> Member, unemployed or retired	€ 160,-
<input type="checkbox"/> Non-member	€ 380,-
<input type="checkbox"/> Student – GDCh-/DPhG-/SCG-member (valid student card required)	€ 75,-
<input type="checkbox"/> Student – Non-member (valid student card required)	€ 100,-
<input type="checkbox"/> Gold member (as of 50 years of age GDCh membership)	free of charge

\* These positions are not liable to the value added tax (tax exemption additional § 4 Nr. 22a UStG.).

**B – Social program: Registration for participants and accompanying  
person(s); please state the number of tickets.**

Accompanying person(s): Name/first name \_\_\_\_\_

**II. Social program**

(1) Get-together on Sunday, March 18, 2007	free of charge
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Family name \_\_\_\_\_

First name \_\_\_\_\_

Company or \_\_\_\_\_

Institute \_\_\_\_\_

Street/P.O. Box \_\_\_\_\_

ZIP/City/Country \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

**METHOD OF PAYMENT** (please mark)

Bank transfer (free of bank commission)

Please charge my credit card

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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VISA  MASTERCARD

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The CCVC is a credit card verification code printed (and only printed) as a number in the signature field on the back of your credit card (CC). Your CC transaction becomes even more secure in online systems if you use the CCVC. It prevents from abusing CC numbers found by unauthorized persons. Please put the 3 last digits of your CCVC in the field CCVC on the left.

**Please pay your fee after having received the invoice.  
Code: 5303 / MedChem 2007**

Place/Date \_\_\_\_\_

Signature \_\_\_\_\_

## ▶ LOCATION

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The meeting will take place at the

Freie Universität Berlin  
Institut für Chemie und Biochemie  
Building Fabeckstr. 34-36  
D-14195 Berlin

Internet: [www.chemie.fu-berlin.de](http://www.chemie.fu-berlin.de)

## ▶ TRAVEL INFORMATION

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### **Arrival by car:**

From North: take A111 (direction Berlin), change to A 100 south-bound (direction Wilmersdorf), take exit 11 (Messedamm-Süd), at Rathenauplatz turn right into Hubertusallee, follow Hubertusallee, Teplitzer Str. and Rheinbabenallee, at Platz am Wilden Eber turn right on the second street into Pacelliallee, at the second traffic light turn left on Königin-Luise-Str. (signs: Steglitz and Staatliche Museen) and after 100 m turn right on Fabeckstrasse.

From South and East: at Dreieck Nuthetal change to A 115 (direction Berlin), take exit 2 Hüttenweg, turn right on Hüttenweg, follow Hüttenweg until Clayallee, turn left on Clayallee and at the next traffic light turn right on Königin-Luise-Str.. After 1 km turn right on Fabeckstrasse.

### **Arrival by public transport:**

After arrival at Berlin-Hauptbahnhof take any city train (S-Bahn) to Bahnhof Friedrichstrasse and then city train S1 (direction Wannsee) to station Rathaus Steglitz. Alternatively, take any city train (S-Bahn) to Bahnhof Zoologischer Garten and then subway U9 to Rathaus Steglitz.

From Rathaus Steglitz take bus X83 (direction Königin-Luise-Str./Clayallee), get off at station Arnimallee or at station Dahlem Dorf and walk to Fabeckstr. 34-36. Alternatively, take bus M48 (direction Busseallee), get off at station Fabeckstr. and walk to Fabeckstr. 34-36.

Starting in the centre of Berlin, you may alternatively approach the campus by subway U3 (direction Krumme Lanke), get off at station Dahlem Dorf and walk to Fabeckstr. 34-36.

Public transportation tickets can be bought at the ticket machines in the underground and S-trains stations. Please use fare zone AB from the city centre to the conference venue.

Single ticket at € 2,10, Day-ticket at € 5,80 per person.

[www.bvg.de](http://www.bvg.de)



## REGISTRATION

Please register online via internet not later than **February 22, 2007**.

[www.gdch.de/medchem2007](http://www.gdch.de/medchem2007)

All tickets and congress papers (incl. book of abstracts) will be given 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.

If you register online 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.

Participants who send their registration form by mail or fax are requested to pay the fees **after receiving the invoice** to the following account (free of bank commission):

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.  
Dresdner Bank AG Frankfurt am Main  
Bank no.: 500 800 00  
Account no.: 4 900 200 00  
**Code: 5303 / MedChem 2007**

## 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 5303 / MedChem 2007**

## REGISTRATION FEES

GDCh-member, DPhG-member, SCG-member and member of EuCheMS-member societies	€ 280,-
Member, unemployed or retired	€ 160,-
Non-member	€ 380,-
Student* (GDCh-member, DPhG-member, SCG-member and member of EuCheMS-member societies)	€ 75,-
Student* (Non-member)	€ 100,-
Gold member (as of 50 years of age GDCh membership)	free of charge

\* valid student card required

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

If fees are paid in advance, but after **February 22, 2007**, 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 **March 1, 2007** 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.

## SCHOLARSHIP

It is planned to offer scholarships to a limited number of students, candidates for doctor's and diploma's degree presenting a scientific contribution. Please send your application (form on the internet at [www.gdch.de](http://www.gdch.de)) to GDCh until **February 15, 2007**, latest.

## BEVERAGES

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

## LUNCH

Lunch can be taken at the nearby local "Mensa". Meals and beverages can be paid for by cash only.

A list with restaurants close to the conference venue will be available at the conference office.

## ROOM RESERVATION

In the following hotels room allocations have been reserved. Please send your room reservation directly to the hotel.

Main conference hotel:

### Best Western Hotel Steglitz International

Albrechtstr. 2

D-12165 Berlin

Phone: +49 30 79005-521 (Doris Bendschneider)

Fax.: +49 30 79005-530

E-Mail: info@steglitz.bestwestern.de

Internet: www.si-hotel.com

(Please press button "Zu den Zimmerkontingenten aus Abruflkontingenten", then insert Password/Stichwort „medchem“ and now you are able to reserve your room. If your reservation is processed successfully you will receive a confirmation and a reference code.)

Single room € 83,- per night

Double room € 103,- per night

Keyword: medchem

### Ravenna Hotel KG, Grunewaldstr. 8-9, D-12165 Berlin

Phone: +49 30 79091-100, Fax: +49 30 7924-412

Single room € 80,- per night

Double room € 107,- per night

Keyword: Joint German/Swiss Meeting

### Jolly Hotel Vivaldi, Friedrichstr. 96, D-10117 Berlin

Phone: +49 30 2062 66-931 (Sandra Hanschke)

E-Mail: vivaldi.jhb@jollyhotels.de

Internet: www.jollyhotels.de/reservation/?hotelid=D9646FC9-3048-22AB-57FC1CA4B2224F14&lang=de&promo=GDCH

Superior single room € 134,- per night

Superior double room € 154,- per night

Keyword: Joint German/Swiss Meeting

The hotel requests a booking guarantee with a valid credit card.

### Maritim proArte Hotel Berlin, Friedrichstr. 151, D-10117 Berlin

Phone: +49 30 2033-4410, E-Mail: info.bpa@maritim.de

Standard single room € 137,- per night

Standard double room € 168,- per night

Comfort single room € 147,- per night

Comfort double room € 178,- per night

Superior single room € 167,- per night

Superior double room € 198,- per night

Keyword: Joint German/Swiss Meeting

### RAMADA Hotel Berlin-Mitte, Chausseestr. 118, D-10115 Berlin

Phone: +49 30 2362-50640 and +49 30 2362-50637

Fax: +49 30 2362-5090

E-Mail: mandy.kluetzke@ramada.de und  
zsusanna.albrecht@ramada.de

Single room € 99,- per night

Double room € 115,- per night

All room rates are including breakfast and 19% VAT.

Room reservations should be made until **February 2, 2007**.

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

## INFORMATION BEFORE AND AFTER THE MEETING

German Chemical Society

(Gesellschaft Deutscher Chemiker e.V.)

Congress Department / MedChem 2007

P.O. Box 90 04 40

D-60444 Frankfurt am Main

Phone: +49 69 7917-366 (Claudia Birkner)

Fax: +49 69 7917-475

E-Mail: tg@gdch.de

Internet: www.gdch.de/medchem2007

## GENERAL INFORMATION

### INFORMATION AND REGISTRATION

#### ▶ DURING THE MEETING

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The registration desk will be located in the seminar room AC which is on the right hand side behind the entrance of the building Fabeckstraße 34-36.

#### Opening hours:

Sunday	March 18, 2007	16.00 – 18.30
Monday	March 19, 2007	8.00 – 16.30
Tuesday	March 20, 2007	8.00 – 16.30
Wednesday	March 21, 2007	8.00 – 12.00

Phone: +49 30 838 55210, +49 30 838 55214

Fax: +49 30 838 55217, +49 30 838 55219

### INFORMATION ABOUT THE

#### ▶ GERMAN PHARMACEUTICAL SOCIETY

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

Phone: +49 69 7917-555

Fax: +49 69 7917-553

E-Mail: [dphg@dphg.de](mailto:dphg@dphg.de)

Internet: [www.dphg.de](http://www.dphg.de)

### INFORMATION ABOUT THE

#### ▶ SWISS CHEMICAL SOCIETY

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Swiss Chemical Society  
(Schweizerische Chemische Gesellschaft)  
Schwarztorstr. 9  
CH-3007 Bern, Switzerland

Phone: +41 31 3104090

Fax: +41 31 3121678

E-Mail: [info@swiss-chem-soc.ch](mailto:info@swiss-chem-soc.ch)

Internet: [www.swiss-chem-soc.ch](http://www.swiss-chem-soc.ch)

#### ▶ DEADLINES

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February 02, 2007	Room reservation
February 15, 2007	Submission of poster
February 22, 2007	Personal registration
March 01, 2007	cancellation of participation