



GESELLSCHAFT DEUTSCHER CHEMIKER

Fachgruppe
Medizinische Chemie



Deutsche Pharmazeutische Gesellschaft
Fachgruppe
Pharmazeutische/Medizinische Chemie

ANNUAL MEETING

March 12 – 15, 2006 • Frankfurt am Main

Frontiers in Medicinal Chemistry

Major Topics:

- Chemogenomics
- Metabolic Syndrome
- Chemotherapy and Natural Products
- Progress in GPCR Research
- Highlights in Medicinal Chemistry

JOHANN WOLFGANG  GOETHE
UNIVERSITÄT
FRANKFURT AM MAIN



Medizinische
Chemie

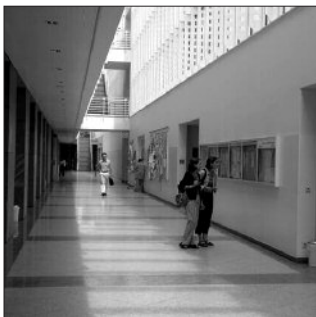
► SCIENTIFIC COMMITTEE

H. Stark	Frankfurt am Main (Chairman of the committee)
H. U. Stilz	Frankfurt am Main (Chairman of GDCh division)
B. Clement	Kiel (Chairman of the DPhG division)
P. Gmeiner	Erlangen
G. Klebe	Marburg
B. Kutscher	Frankfurt am Main
E. Ottow	Berlin
G. Schneider	Frankfurt am Main
M. Schubert-Zsilavec	Frankfurt am Main
D. Steinhilber	Frankfurt am Main

SCIENTIFIC PROGRAM

Sunday, March 12, 2006

- 18.00 **Welcome to “Frontiers in Medicinal Chemistry”**
- 18.30 **OPENING LECTURE**
**Translating basic biochemistry into drug discovery
for tropical diseases in an academic setting**
Ferguson, M., Dundee/GB
- 19.30 **Get-together**
(details see page 8)



Biozentrum, Campus Riedberg
Johann Wolfgang Goethe Universität

Monday, March 13, 2006

Chemogenomics

- 8.30 **Chemogenomics strategies for GPCR hit finding**
Guba, W., Basel/CH
- 9.10 **Chemogenetics at Novartis: Finding Targets for Drugs**
Tallarico, J., Cambridge/USA
- 9.50 **Coffee break / poster**
- 10.20 **Microarrays and the deorphaning of proteases and kinases**
Bradley, M., Edinburgh/GB
- 11.00 **The oncoprotein Ras as an anticancer target**
Wittinghofer, A., Dortmund/D
- 11.40 **Drug discovery at non-traditional sites**
Wells, J., San Francisco/USA
- 12.20 **Lunch break / poster**

Metabolic Syndrome

- 14.00 **Medicinal Chemistry of CB1 Cannabinoid Receptor Antagonists**
Kruse, C. G., Weesp/NL
- 14.40 **Modulators of PPAR alpha and PPAR gamma for the Treatment of Type II Diabetes and Metabolic Syndrome: From Lead Identification to Clinical Development**
Glombik, H., Frankfurt am Main/D
- 15.20 **Coffee break / poster**
- 15.50 **ABT-279, a potent and selective DPP-IV inhibitor**
von Geldern, T., Abbott Park/USA
- 16.30 **Discovery and synthesis of novel glucokinase activators as potential treatments for type 2 diabetes**
McKerrecher, D., Macclesfield/GB
- 17.30-18.15 **General Meeting of the GDCh Division of Medicinal Chemistry**
(topics see page 7)
- 18.15 **Main poster session with pretzels and beer**
- 20.00 **Social Event: Frankfurt and its skyline by night**
(details see page 8)

Tuesday, March 14, 2006

Chemotherapy and Natural Products

- 8.30 **Overview on novel natural products in oncology and partial synthesis**
Höfle, G., Braunschweig/D
- 9.10 **Validation of oncological targets**
Petersen, F., Basel/CH
- 9.50 **Coffee break / poster**
- 10.20 **Discovery and optimization of aminobenzimidazole antibacterial agents simultaneously targeting GyrB and ParE**
Grillot, A.-L., Cambridge/USA
- 11.00 **CDK2-Inhibitors as novel antitumor therapeutics**
Lücking, U., Berlin/D
- 11.40 **BI 2536, a potent and highly selective inhibitor of Polo-like kinase 1 (Plk1) as novel cancer therapeutic**
Hoffmann, M., Biberach/D
- 12.20 **Lunch break / poster**

Progress in GPCR Research

- 14.00 **Molecular analysis of the histamine H4-receptor**
Seifert, R., Regensburg/D
- 14.40 **From concept to clinic: small molecule ligands for the G-protein-coupled gonadotropin receptors**
Karstens, W.-J., Oss/NL
- 15.20 **Novel approaches in the Treatment of Schizophrenia: Structure-Activity Relationships and in vivo Activity of GlyT1 Inhibitors**
Walter, M., Windelsham/GB
- 16.00 **Coffee break / poster**
- 16.30 **Discovery of the first potent 5-HT_{5A} receptor antagonists with high selectivity**
Amberg, W., Ludwigshafen/D
- 17.10 **Optimization and Characterization of h5-HT₆ Receptor Antagonists**
Riemer, C., Basel/CH
- 18.00-18.45 **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 at the Mensa Biozentrum**
(details see page 8)

Wednesday, March 15, 2006

Highlights Session I

- 8.30 **Influenza – epidemiology, pathogenesis, and possible interventions**
Klenk, H.-D., Marburg/D
- 9.10 **Of Microreactors and Vaccines**
Seeberger, P., Zürich/CH
- 9.50 **Coffee break**

Short lectures

- 10.30 **Studies toward UCS1025A**
Christmann, M., Aachen/D
- 10.50 **Probing Laminin Self-Interaction by Chemical Cross-Linking and High Resolution Mass Spectrometry**
Sinz, A., Leipzig/D
- 11.10 **Point mutations in the aromatic/arginine region in aquaporin 1 allow passage of urea, glycerol, ammonia and protons**
Beitz, E., Tübingen/D
- 11.30 **How is – induced-fit – induced? – Structural dynamics of aldose reductase and its implications for drug design**
Sottriffer, C., Marburg/D
- 11.50 **Short break**

Highlights Session II

- 12.00 **Discovery of FabH/FabF inhibitors from natural products using a novel strategy**
Singh, S., Rahway/USA
- 12.40 **The organisation and molecular relevance of GPCR quaternary structure**
Milligan, G., Glasgow/GB
- 13.20 **Closing remarks**
- 13.30 **End of meeting**

Monday, March 13, 2006

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

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

Agenda / Tagesordnung:
(language: German)

1. Bericht des Vorsitzenden der Fachgruppe
2. German-Swiss Meeting "Frontiers in Medicinal Chemistry", Frühjahr 2007
3. Zusammenarbeit mit anderen nationalen und internationalen Organisationen
4. Innovationspreis in Medizinisch/Pharmazeutischer Chemie
5. Fachsektion Chemische Biologie (ChemBioNet)
6. Verschiedenes

Tuesday, March 14, 2006

18.00 **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:
(language: German)

1. Protokoll
2. Bericht des Vorsitzenden
3. Tagungen
4. Innovationspreis in Medizinisch/Pharmazeutischer Chemie
5. Ausbildungsfragen insbesondere Bachelor/ Master-Studiengänge
6. Vortragsliste
7. Verschiedenes

GENERAL INFORMATION

POSTER

It is still possible to submit posters for the meeting:

www.gdch.de/vas/tagungen/tg/5282.htm

Deadline for submissions: **February 22, 2006**

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

SOCIAL PROGRAM

Sunday, March 12, 2006

19.30

Get-together

(free of charge; booking required)

Monday, March 13, 2006

20.00 – 22.00

Skyline by Night (guided bus tour)

The most typical aspect of modern Frankfurt is the skyline of skyscrapers. Starting by bus at the “Biozentrum” on the borders of the town, we will already see the lights of the skyline on the horizon. Passing the new quarters on the borders of the town and the Bundesbank we will come closer to such exciting buildings as the “New Commerzbank”, the “Messeturm”, the “EZB” and the “Maintower”. All these towers give their light into Frankfurt's night.

The tour ends at the Alte Oper. You can either get off there or stay on the bus which will take you back to the Biozentrum.

Price per person: € 12,00 (incl. 16% VAT; booking required)



Tuesday, March 14, 2006

20.00

Congress dinner with donation of poster and innovation prizes at the Mensa Biozentrum

Price per person: € 45,00 incl. drinks
(incl. 16% VAT; booking required)

Hotel Reservation Form
Please fax to: +49 (0) 69 / 21 24 05 12



**Annual Meeting of the GDCh Division of Medicinal Chemistry and
the DPhG Division of Pharmaceutical/Medicinal Chemistry**

Kaiserstraße 56
60329 Frankfurt am Main
Tel.: +49(0)69/21 23 08 08
Fax: +49(0)69/21 24 05 12
info@tcf.frankfurt.de

Biozentrum der Universität Frankfurt, Marie-Curie-Str. 9-11
12th March – 15th March 2006

The following hotels have granted special allotments for the above mentioned event. Room rates in EURO per room and night including V.A.T.

Hotel Name and Location	Single Room	Breakfast p.P.	Valid until	Your choice
Courtyard by Marriott Frankfurt Nordwestzentrum, Nordweststadt	99.00 €	15.00 €	12.02.2006	<input type="checkbox"/>
Motel Frankfurt, Dornbusch	79.00 €	incl.	12.02.2006	<input type="checkbox"/>
Hotel Am Krankenhaus Nordwest, Nordweststadt	62.00 €	incl.	12.02.2006	<input type="checkbox"/>
Turm Hotel, City Center	98.00 €	incl.	12.02.2006	<input type="checkbox"/>

Double room on request.

Our reservation service is free of charge. To make a reservation, please fill in the booking request as detailed as possible and fax it back to us. Please do also tick the category you prefer in case the special allotment has been exhausted. We will do our best to make the reservation according to your wishes. You will shortly receive a confirmation of your reservation.

Your Frankfurt Tourist+Congress Board

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

Please return one completed form for each participant no later than

March 1, 2006 to the below address or send it to the following

fax-number: **+49 69 7917-475**

Frontiers in Medicinal Chemistry

March 12 – 15, 2006, Frankfurt am Main

German Chemical Society (GDCh)

Congress Department / MedChem 2006

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 **March 1, 2006** to the backside address or by fax to **+49 69 7917-475**.

Annual Meeting "Frontiers in Medicinal Chemistry"
March 12 – 15, 2006 in Frankfurt am Main

Online registration is preferred at:

www.gdch.de/vas/tagungen/tg/5282.htm

Mr. Mrs. Prof. Dr.

_____ GDCh membership no.

Family name _____

First name _____

Company or _____

Institute _____

Street/P.O. Box _____

ZIP/City/Country _____

Phone _____

Fax _____

E-mail _____

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

I. Participation fees*

<input type="checkbox"/> GDCh-member, DPhG-member and member of EuChemS-member societies	€ 240,-
<input type="checkbox"/> Member, unemployed or retired	€ 120,-
<input type="checkbox"/> Non-member	€ 340,-
<input type="checkbox"/> Student – GDCh/DPhG-member (valid student card required)	€ 60,-
<input type="checkbox"/> Student – Non-member (valid student card required)	€ 90,-

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

Accompanying person(s): Family name/first name _____

II. Social program**

		free of charge
(1)	Get-together on Sunday, March 12, 2006	
(2)	Skyline tour "Frankfurt and its skyline by night" on Monday, March 13, 2006	€ 12,00 €
(3)	Congress dinner and donation of poster and innovation prizes on Tuesday, March 14, 2006	€ 45,00 €

C – Additional bookings: Registration for participants and accompanying person(s); please state number of tickets.

III. Congress tickets*

(1)	Congress ticket for Sunday, March 12, 2006	€ 3,80 €
(2)	Congress ticket for Monday, March 13, 2006	€ 3,80 €
(3)	Congress ticket for Tuesday, March 14, 2006	€ 3,80 €
(4)	Congress ticket for Wednesday, March 15, 2006	€ 3,80 €

METHOD OF PAYMENT (please mark)

Bank transfer (free of bank commission)

Please charge my credit card

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

Expiration Date: / CCVC:

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 input the 3 last digits of your CCVC in the field CCVC on the left.

Place/Date _____

Signature _____

**Please pay your fee after having received the invoice.
Code: 5282 / MedChem 2006**

* These positions are not liable to the value added tax (tax exemption additional § 4 Nr. 22a UStG).
** These positions include 16% value added tax.

Contact Details

Company			
Last Name / Name			
Street and No.		Phone	
Country/Postal Code/Town		Fax	
e-Mail			

Hotel Room (s) **Alternative Price Category:** _____

Single room	Double room	Last Name / Name	Arrival	Departure

Please note that you can be charged cancellation fees for no show or late cancellation.

Arrival by	
Plane	
Car	
Train	

Credit Card	
Credit Card	Number
Exp. Date	Holder

Date	Signature
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▶ LOCATION

The meeting will take place at the

Biozentrum, Campus Riedberg
Johann Wolfgang Goethe Universität Frankfurt am Main
Marie-Curie-Str. 9-11
D-60439 Frankfurt am Main

Internet: www.pharmazie.uni-frankfurt.de/PharmChem

▶ TRAVEL INFORMATION

Arrival by car:

From the north: Follow the highway A5 to the Bad Homburger Kreuz. Take the A661 to Frankfurt/Offenbach. Leave the A661 at the exit "Heddernheim". Follow the road and turn right at the second crossing (follow the sign "Mertonviertel/Universität"). Drive up the hill and turn left, there you will find a parking area and the university building.

From the south and the west: Follow the highway A5 to the Nordwestkreuz and take the A66 to Miquelallee. Take the second exit "Frankfurt/Miquelallee" (No. 21, at the TV tower) and follow the signs to Nordweststadt/Oberursel (don't take the exit to "Universität", this will lead you to the down town-campus). Drive along "Rosa-Luxemburg-Strasse" (approx. 4 km). You will see a big blue chimney with a dragon painted on it close to the exit "Mertonviertel". Take this exit, follow the Marie-Curie-Strasse and turn left at the first possibility. Drive up the hill and turn left, there you will find a parking area and the university building.

Arrival by public transport:

Take any underground or S-Train to "Frankfurt-Hauptwache", e.g. S8 from the airport. Here you must change to the underground U3 in direction "Oberursel-Hohemark". Your station is "Niederursel". Walk up the hill, after 1 km you will reach the Biozentrum.

There is also a bus (No. 26, direction "Nordwestzentrum") which you can pick at the underground stations "Zeilweg" (U1, U3), "Sandelmühle" (U2) or "Heddernheim" (U1, U2, U3). Leave the bus at station "Campus Riedberg".

You will get a ticket for the underground- or S-trains at the ticket machine; press the button "Einzelfahrt Frankfurt".

▶ REGISTRATION

Please register online via internet no later than **March 1, 2006**.

www.gdch.de/vas/tagungen/tg/5282.htm

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: 5282 / MedChem 2006

▶ 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 5282 / MedChem 2006

GENERAL INFORMATION

REGISTRATION FEES

GDCh-member, DPhG-member and member of EuCheMS-member societies	€ 240,-
Member, unemployed or retired	€ 120,-
Non-member	€ 340,-
Student* (GDCh-member, DPhG-member and member of EuCheMS-member societies)	€ 60,-
Student* (Non-member)	€ 90,-

*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 **March 1, 2006**, 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, 2006** 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.

CONGRESS TICKET

Together with your registration you can buy congress tickets for using public transport within Frankfurt during the meeting. The price is € 3,80 per day/ticket (incl. 16% VAT). To ensure that you receive your tickets in time before the meeting please register and pay your fees no later than **February 15, 2006**.

SCHOLARSHIP

We can 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) to GDCh until **February 15, 2006**.

▶ BEVERAGES

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

▶ LUNCH

Lunch can be taken at the local "Mensa" (student canteen) which is inside the Biozentrum. Meals can be paid by cash only.

▶ ROOM RESERVATION

Please send your room reservation with the enclosed form to:

Tourismus+Congress GmbH
Frankfurt am Main
Kaiserstr. 56
D-60329 Frankfurt am Main

Phone: +49 69 21230808
Fax: +49 69 21240512
E-Mail: info@tcf.frankfurt.de
Internet: www.frankfurt-tourismus.de

Room reservations should be made until **February 12, 2006**.

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 2006
P.O. Box 90 04 40
D-60444 Frankfurt am Main

Phone: +49 69 7917-291 (Anne Herzog)
Fax: +49 69 7917-475
E-Mail: a.herzog@gdch.de
Internet: www.gdch.de/vas/tagungen/tg/5282.htm

GENERAL INFORMATION

INFORMATION AND REGISTRATION DURING THE MEETING

The registration desk will be located in room N100/R.0.15 near the lecture hall.

Opening hours:

Sunday, March 12, 2006	16.00 – 18.30
Monday, March 13, 2006	8.00 – 16.30
Tuesday, March 14, 2006	8.00 – 16.30
Wednesday, March 15, 2006	8.00 – 13.30

Phone: +49 69 798-29450

Fax: +49 69 798-29669

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 7917-555

Fax: +49 69 7917-553

E-Mail: dphg@dphg.de

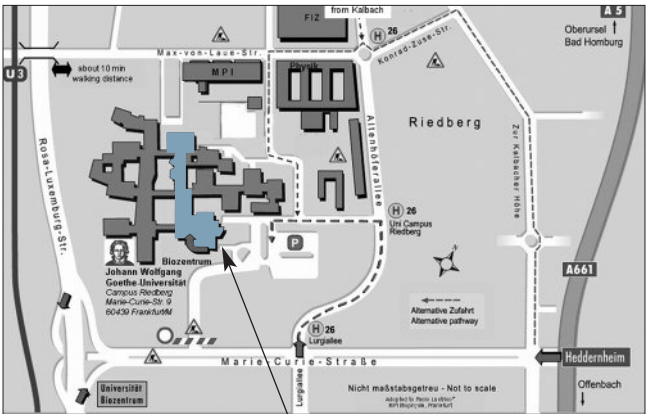
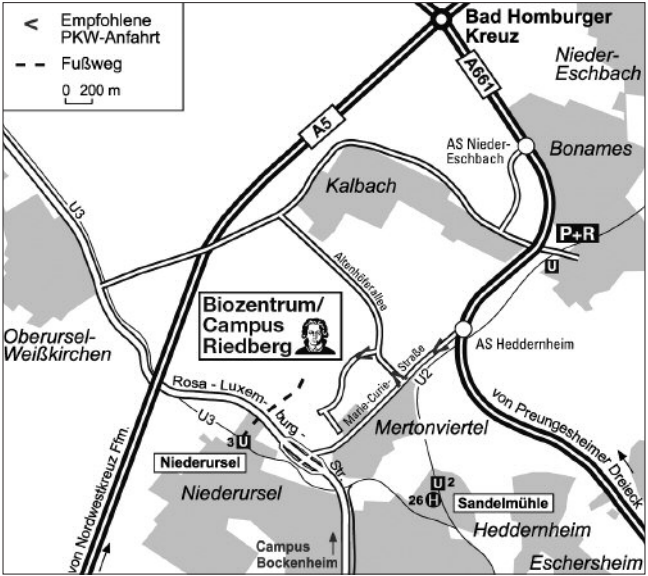
Internet: www.dphg.de

DATES

Deadlines:

February 12, 2006	Room reservation
February 15, 2006	Submission of poster
February 15, 2006	Booking of congress tickets (together with personal registration)
March 1, 2006	Personal registration
after March 1, 2006	Cancellation liable to full amount of invoice

MAP



meeting venue

Selection of our courses:

- 379/06 **High Resolution Biopolymer Mass Spectrometry
(Biomolecular Chemistry, Bioanalytical
Applications, Proteomics)**
21. – 25. August 2006, Konstanz
Kursleiter: Prof. Dr. Dr. h.c. Michael Przybylski
- 380/06 **Kapillarelektrophorese in Pharmazie, Lebens-
mittelchemie und chemischer Industrie
(Grundlagen und Anwendungen)**
20. – 22. September 2006, Würzburg
Kursleiterin: Prof. Dr. Ulrike Holzgrabe
- 169/06 **Einführung in die Medizinische Chemie
(Chemische und biologische Grundlagen
der Wirkstoffentwicklung)**
25. – 29. September 2006, Bonn
Kursleiter: Prof. Dr. Michael Wiese
- 371/06 **Biomedizinische Chemie
(Wirkstoffforschung, Modelling, Bioinformatik)**
4. – 6. Oktober 2006, Erlangen
Kursleiter: Dr. Thomas Engel
- 366/06 **Molekularbiologische Methoden
in der Umweltmikrobiologie**
24. – 26. Oktober 2006, Karlsruhe
Kursleiterin: PD Dr. Ursula Obst
- 157/06 **Einführung in die Toxikologie für Chemiker**
25. – 27. Oktober 2006, Hamburg
Kursleiter: PD Dr. Paul-Georg Germann

Information and registration at
www.gdch.de/vas/fortbildung.htm

www.gdch.de



GDCh

GESELLSCHAFT
DEUTSCHER CHEMIKER

The GDCh

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Structure

Career Service

Conferences and Continuing
Education

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Education

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Here you can find up-to-date information
We are looking forward to welcoming you a

