



GESELLSCHAFT DEUTSCHER CHEMIKER

Fachgruppe
Medizinische Chemie



Deutsche Pharmazeutische Gesellschaft
Fachgruppe
Pharmazeutische/Medizinische Chemie

ANNUAL MEETING

March 13 – 16, 2005 • Leipzig

Frontiers in Medicinal Chemistry

Major Topics:

- Novel Approaches in Cancer Treatment
- Metabolic Syndrome
- Recent Advances in CNS-Therapies
- Highlights in Medicinal Chemistry



Medizinische
Chemie

► SCIENTIFIC COMMITTEE

| | |
|----------------------|---|
| A. G. Beck-Sickinger | Leipzig (Co-Chair of the committee) |
| K. Eger | Leipzig (Co-Chair of the committee) |
| H. U. Stilz | Frankfurt/Main (Chairman of the GDCh division) |
| B. Clement | Kiel (Chairman of the DPhG division) |
| P. Gmeiner | Erlangen |
| G. Klebe | Marburg |
| B. Kutscher | Frankfurt am Main |
| E. Ottow | Berlin |

Sunday, March 13, 2005

- 18.00 **Welcome to Frontiers in Medicinal Chemistry**
- 18.30 **OPENING LECTURE**
The Means to Realize Drug Discovery and Development
Trost, B., Stanford/USA
- 20.00 **Welcome Party** (see page 8)

Monday, March 14, 2005

Novel Approaches in Cancer Treatment

- 8.30 **Exploiting Structural Principles to Generate Protein Kinase Inhibitors**
Nobel, M., Oxford/GB
- 9.15 **Novel Inhibitors of Signal Transduction – New Hope for Cancer Patients**
Riedl, B., Wuppertal/D
- 10.00 **Coffee Break / Poster**
- 10.30 **Novel KDR Kinase Inhibitors**
Hartman, G., West Point/USA
- 11.15 **The Development of Selective Aurora Kinase A and B Inhibitors**
Mortlock, A., Alderley Park/GB
- 12.00 **Lunch Break / Poster**
- 13.30 **Epothilones: From a Natural Product to a Fully Synthetic Clinical Development Candidate**
Klar, U., Berlin/D
- 14.15 **Design of Highly Potent HDAC-inhibitors as a Novel Class of Potential Anticancer Agents**
Körner, M., Penzberg/D

Current Issues in Medicinal Chemistry

- 15.00 **Development of Anti-Viral Peptides Targeting at the Cell/virus Fusion Steps: Practice in HIV-1 and SARS-CoV**
Otaka, A., Kyoto/J
- 15.30 **Coffee Break / Poster**

Monday, March 14, 2005

- 16.00 **Antitumor Active Cobalt-Alkyne Complexes Derived from Acetylsalicylic Acid: Studies on the Mode of Drug Action.**
Ott, I., Berlin/D
- 16.15 **Development of Potent 3-Amidinophenyl-alanine-derived Inhibitors of Matriptase as Potential Anti-Invasive Drugs**
Steinmetzer, T., Jena/D
- 16.30 **Targeting the Parasite-Host Interface: Aquaporins from the Causative Agents of Malaria, Toxoplasmosis and Sleeping Sickness**
Beitz, E., Tübingen/D
- 16.45 **Inhibitors of Human Glutaminyl Cyclase (QC) – New Drugs to Fight Neurodegeneration**
Heiser, U., Halle/D
- 17.00 **A Strategy for Protein Structure Determination Based On Chemical Cross-Linking and High-Resolution Mass Spectrometry**
Sinz, A., Leipzig/D
- 17.15 **Computational Drug Design “Beyond the Single Structure”: Simultaneous Docking to Multiple Targets and Derivation of Novel Scoring Functions**
Sotriffer, C., Marburg/D
- 17.30 **The Impact of Click Chemistry on SPOS Based Drug Design**
Löber, S., Erlangen/D
- 17.45 **The Structure of a pH Sensing Mycobacterial Adenylyl Cyclase Holoenzyme**
Linder, J., Tübingen/D
- 18.15-
19.00 **General Meeting of the GDCh Division of Medicinal Chemistry** (guests are welcome)
- 19.30 **Social Event: Leipzig at Night Exploring the City by Streetcar**

Tuesday, March 15, 2005

Metabolic Syndrom

- 8.30 **Molecules and Mechanisms in the Metabolic Syndrome**
Stumvoll, M., Leipzig/D
- 9.15 **Optimising DPPIV Inhibitors: A Case Story**
Christensen, I. T., Copenhagen/DK
- 10.00 **Selective Adenosine A1 Agonists. Structure Activity Investigation and Potential Role of Adenosine A1 Agonists for the Therapy of Type 2 Diabetes**
Jähne, G., Frankfurt/D
- 10.45 **Coffee Break / Poster**

Recent Advances in CNS-Therapies

- 11.15 **Central Mechanisms of Inflammatory Pain: Implications for Novel Analgesics**
Zeilhofer, H.-U., Erlangen/D
- 12.00 **2-Amino-Pyrimidines as Selective Adenosine hA2a Receptor Antagonists**
Norcross, R., Basel/CH
- 12.45 **Lunch Break / Poster**
- 14.00 **Cyclin Dependent Kinase Inhibitors: A New Option for the Development of Anticancer and Anti-Alzheimer Drugs?**
Kunick, C., Braunschweig/D
- 14.45 **Random Chemistry as a New Tool for the Generation of Small Compound Libraries Development of a New Acetylcholineesterase Inhibitor**
Holzgrabe, U., Würzburg/D
- 15.30 **Coffee Break / Poster**
- 16.00 **Structure-Activity Study of GluR5 Kainate Receptor Antagonists. Application of a Prodrug Strategy for Oral Efficacy in Pain Models**
Martinez-Perez, J., Alcobendas/E
- 16.45 **Monoamine Reuptake Inhibition – There is Life in the Old Dog yet**
Walter, M., Windlesham/GB
- 17.45 **General Meeting of the DPhG Division of Pharmaceutical/Medicinal Chemistry**
(guests are welcome)
- 20.00 **Lecture of Prof. G. Folkers, ETH Zürich: Emotion and Therapy; Donation of Poster- and Innovationprices; Dinner** (see page 8)

Wednesday, March 16, 2005

Highlights

- 8.30 **Highlight in Metabolism:**
**Considerations of Cytochrome P450 Enzymes
in Bioavailability and Safety Issues in Drug
Development**
Guengerich, F. P., Nashville/USA
- 9.15 **Highlight in Structure:**
**Discovery of the Novel Antithrombotic Agent
BAY 59-7939, an Orally Active, Direct Factor Xa
Inhibitor**
Wild, H., Wuppertal/D
- 10.00 **Coffee Break**
- 10.30 **Highlight in Screening:**
**Living Microarrays – Novel Cell Based Biochips
for Functional, High Content and Real Time
Screening of Drugs**
Robitzki, A., Leipzig/D
- 11.15 **Highlight in Modelling:**
**Structure-based Design of Coagulation
Inhibitors**
Gerlach, K., Biberach/D
- 12.00 **Highlight in Synthesis**
N.N.
- 12.45 **Closing Remarks**
- 13.00 **End of Meeting**



Monday, March 14, 2005

18.15 **General Meeting of the GDCh Division
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. Zukünftige Tagungen
3. Zusammenarbeit mit anderen nationalen und internationalen Organisationen
4. Innovationspreis in Medizinisch/
Pharmazeutischer Chemie
5. Verschiedenes

Tuesday, March 15, 2005

17.45 **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 für Medizinische Chemie
5. Ausbildungsfragen insbesondere
Bachelor/Master- Studiengänge
6. Finanzielle Situation an den Universitäten
7. Verschiedenes

GENERAL INFORMATION

► POSTER

It is still possible to submit posters for the meeting

www.biochemie.uni-leipzig.de/frontiers/default.asp

Deadline for submissions: **February 15, 2005**

► SOCIAL PROGRAM

| | |
|-------------------------------|--------------|
| Sunday, March 13, 2005 | 19.30 |
|-------------------------------|--------------|

A Welcome Party will take place in the BioCity Leipzig (free of charge, booking required)

| | |
|-------------------------------|----------------------|
| Monday, March 14, 2005 | 19.30 – 20.30 |
|-------------------------------|----------------------|

Leipzig at Night (guided tour by streetcar)

The tour starts directly from BioCity and ends downtown.

Price per Person: € 10,-, booking required

| | |
|--------------------------------|--------------|
| Tuesday, March 15, 2005 | 20.00 |
|--------------------------------|--------------|

Lecture of Prof. G. Folkers, ETH Zürich: Emotion and Therapy; **Donation** of Poster and Innovationprices; **Dinner** will take place at the 'Bayerischer Bahnhof', Dinner included, drinks at your own expenses, booking required

www.bayerischer-bahnhof.de



R O O M B O O K I N G F O R M

Please send back the filled in booking form or to

fax no.: +49 (0) 341-7 10 42 51

Frontiers in Medicinal Chemistry

March 13 – 16, 2005 in Leipzig

Leipzig Tourist Service e.V.

Richard-Wagner-Straße 1

D-04109 Leipzig

R O O M B O O K I N G F O R M

Please send back the filled in booking form or to
fax no.: +49 (0) 341-7 10 42 51

**Frontiers in Medicinal Chemistry
March 13 – 16, 2005 in Leipzig**

Please note:

Booking with this form and applying the quoted special rates will only be possible by **05.02.2005**.

Leipzig Tourist Service e.V.
Richard-Wagner-Straße 1

04109 Leipzig

After booking you will receive a confirmation.

I would like to make the following booking:

Arrival on: _____ Departure on: _____

Number of rooms: _____

Phone: +49 (0) 341-710 42 52

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

Please return one completed form for each participant no later than

February 15, 2005 to the address overleaf or send it to the following

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

Frontiers in Medicinal Chemistry

March 13 – 16, 2005, Leipzig

German Chemical Society (GDCh)

Congress Department / MedChem 2005

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 one completed form for each participant no later than **February 15, 2005** to the address overleaf or send it to the following fax-number: **+49-69-7917-475**

German Chemical Society (GDCh)
Congress Department / **MedChem 2005**
P. O. Box 90 04 40

D-60444 Frankfurt am Main

METHOD OF PAYMENT (please mark)

Bank transfer (free of bank commission)

Please charge to my credit card

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VISA MASTERCARD

Expiration Date: / CCVC:

The CCVC is a credit card verification code printed (and only printed) as a number on one side 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 rightmost digits of your CCVC in the field CCVC on the left.

Place/Date

Signature

Online registration is preferred at:

<http://www.biochemie.uni-leipzig.de/frontiers/default.asp>

Mr. Mrs. Prof. Dr.

_____ GDCh-member No.

Family name _____

First name _____

Company or _____

Institute _____

Street/P.O. Box _____

ZIP/City/Country _____

Phone _____

Fax _____

E-mail _____

**Please pay your fee after having received the invoice.
Code: 5269 / MedChem 2005**

Frontiers in Medicinal Chemistry March 13 – 16, 2005, Leipzig

| | |
|--|----------------|
| <input type="checkbox"/> GDCh-member, DPhG-member and member of EuChemS-member societies | € 240,00 |
| <input type="checkbox"/> Member, unemployed and retired | € 120,00 |
| <input type="checkbox"/> Non-member | € 320,00 |
| <input type="checkbox"/> Student – GDCh/DPhG-member* | € 60,00 |
| <input type="checkbox"/> Student – Non-member* | € 80,00 |
| * valid student card required | |
| ___ Welcome Reception | Free of charge |
| ___ Leipzig at Night | € 10,00 |
| ___ Lecture, Donation, Dinner | Free of charge |

Place/Date

Signature

Günnewig Hotel "Vier Jahreszeiten"
(Kurt-Schumacher-Straße)

single room € 105.00
 double room € 130.00

Hotel Novotel
(Goethestraße)

single room € 89.00
 double room € 112.00

Seaside Park Hotel
(Richard-Wagner-Straße)

single room € 85.00
 double room € 95.00

Hotel Mercure Am Augustusplatz
(Augustusplatz)

single room € 74.00
 double room € 87.00

Hotel Markgraf
(Körnerstraße)

single room € 74.00
 double room € 83.00

Hotel Michaelis
(Paul-Grüner-Straße)

single room € 70.00
 double room € 85.00

Hotel Holiday Inn Garden Court
(Kurt-Schumacher-Straße)

single room € 67.00
 double room € 77.00

Hotel Mercure Am Gutenbergplatz
(Gutenbergplatz)

single room € 66.00
 double room € 88.00

Hotel Balance
(Breslauer Straße)

single room € 49.00
 double room € 61.00

Hotel Garni
(Gerichtsweg)

single room € 48.00
 double room € 69.00

**The above prices apply per night and room and include
breakfast and statutory VAT.**

Company

Name

Street

ZIP/City/Country

Phone

Fax

E-mail

Date

Signature

► LOCATION

The meeting will take place at the Biotechnological Biomedical Center (BBZ) in the BioCity, Deutscher Platz 5, 04103 Leipzig. (www.bio-city-leipzig.de)

► TRAVEL INFORMATION

Arrival by car

Leipzig can be easily reached by car via **A9** (Berlin, Munich) or **A14** (Magdeburg, Dresden). The most suitable exit is **Leipzig-Mitte** (exit 17a) of A14. Then follow the main road B2 south (Maximilian-Allee, Rackwitzer Straße, Brandenburger Straße, Ludwig-Erhard-Straße, Gerichtsweg). At corner Gerichtsweg/Prager Straße turn left into Prager Straße and follow the main road. At the second major intersection turn right into Semmelweiss Straße, then left to reach the Deutsche Platz. The Biocity where the Biomedical Biotechnological Center is located is at the right side. Helpful signs within the city that guide you to this place are “Alte Messe”, “Max-Planck Institute of Evol. Anthropology” and “BioCity” that are closeby or “Völkerschlachtdenkmal” that is located in the south of the BioCity.

Arrival by train

Leipzig can be easily reached by train. Direct ICE connections are running from Munich, Hamburg, Berlin, Dresden and Frankfurt. From **Leipzig main station** take the **tramway line 16** towards Löbnig until station “Deutscher Platz”. The BioCity is now in walking distance Deutscher Platz No.5 at the right side.

Arrival by plane

Leipzig/Halle Airport is located near motorway interchange Schkeuditzer Kreuz (A9, A14). The distance to Leipzig is about 18 km, to Halle 23 km. The Flughafen Express of Deutsche Bahn AG is shuttling between the airport and Leipzig main station (duration 15 min, running every 30 min). From their take the tramway line 16 towards Löbnig until station “Deutscher Platz”.

▶ REGISTRATION

Please register online via internet not later than **February 15, 2005**

www.biochemie.uni-leipzig.de/frontiers/default.asp

All tickets and congress papers (incl. book of abstracts) will be given to 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 or direct debit is preferred. If you want to pay by bank transfer (free of bank commission) please do not forget to print out the invoice at the end of your online-registration.

Participants who sent the registration form by regular mail or fax are requested to pay the fees **after having received the invoice** to the following account (free of bank commission):

GESELLSCHAFT DEUTSCHER CHEMIKER
Dresdner Bank AG Frankfurt am Main
Routing Number (BLZ) 500 800 00
Account No. (Kto.Nr.) 4 900 200 00
Code: 5269 / MedChem 2005

▶ ATTENTION

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

Gesellschaft Deutscher Chemiker
Dresdner Bank AG Frankfurt am Main
IBAN DE85 5008 0000 0490 0200 00
SWIFT-BIC DRES DE FF
Code: 5269 / MedChem 2005

GENERAL INFORMATION

REGISTRATION FEES

| | |
|--|---------|
| GDCh-member, DPhG-member and member of EuCheMS-member societies | € 240,- |
| Member, unemployed and retired | € 120,- |
| Non-member | € 320,- |
| Student – GDCh-member, DPhG-member* | € 60,- |
| Student – Non-member* | € 80,- |

* valid student card required

If fees are paid in advance, but after **February 15, 2005**, we kindly ask participants to show proof of payment when claiming their tickets and Congress papers at the Congress Office. Credit cards (Mastercard, VISA) will be accepted.

Requests for cancellation made prior to **February 21, 2005** 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 organization. In this case please send a note to GDCh, Congress Department.

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

SCHOLARSHIP

We can offer scholarships to a limited number of students, candidates for doctor's and diploma's degree presenting a poster. Applications from the scientific head should be sent to the GDCh, Congress Department, **until February 15, 2005**.

www.gdch.de/vas/tagungen/stipendien.htm

BEVERAGES

Will be provided for free during the breaks.

LUNCH

There is a cafeteria in the BioCity and the Max-Planck Institute next building. Cold and hot dishes are offered at both places at your own expense.

▶ ROOM RESERVATION

Please send your room reservation with the enclosed form to:

Leipzig Tourist Service e.V.
Richard-Wagner-Straße 1
D-04109 Leipzig

Phone: +49 (0)341 7104-255
Fax: +49 (0)341 7104-251
E-mail: Katrinprenzel@LTS-Leipzig.de
Homepage: www.leipzig.de/de/tourist/indexsts.htm
(Link 'Unterkunft')

Application for accommodation should be made until February 5, 2005.

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

▶ INFORMATION BEFORE AND AFTER THE MEETING

German Chemical Society (GDCh)
Congress Department / **MedChem 2005**
P.O. Box 90 04 40
D-60444 Frankfurt am Main
Varrentrappstr. 40-42
D-60486 Frankfurt am Main

Phone +49-69-7917-364 (Anne Herzog)
Fax +49-69-7917-475
E-Mail tg@gdch.de
Homepage www.gdch.de/vas.htm

▶ INFORMATION AND REGISTRATION DURING THE MEETING

The conference office will be located in front of the lecture hall. Opening hours:

| | |
|---------------------------|---------------|
| Sunday, March 13, 2005 | 16.00 – 18.30 |
| Monday, March 14, 2005 | 08.00 – 16.30 |
| Tuesday, March 15, 2005 | 08.00 – 16.30 |
| Wednesday, March 16, 2005 | 08.00 – 12.00 |

GENERAL INFORMATION

INFORMATION ABOUT ▶ GERMAN PHARMACEUTICAL SOCIETY

Deutsche Pharmazeutische Gesellschaft
Hamburger Allee 26-28
D-60486 Frankfurt am Main

Homepage <http://www.dphg.de>

▶ DATES

Deadlines:

February 5, 2005

Room reservation

February 15, 2005

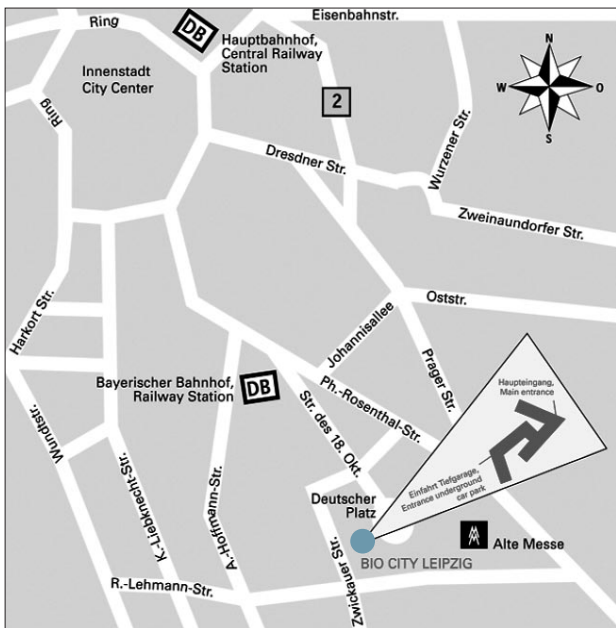
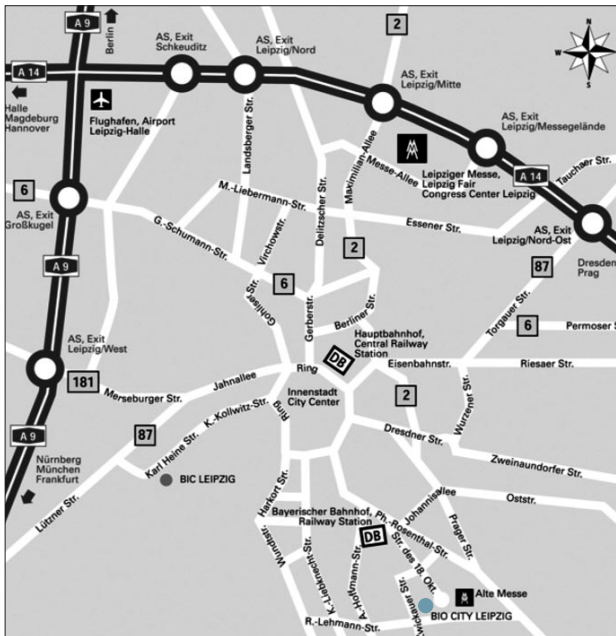
Personal registration

February 15, 2005

Submission of poster

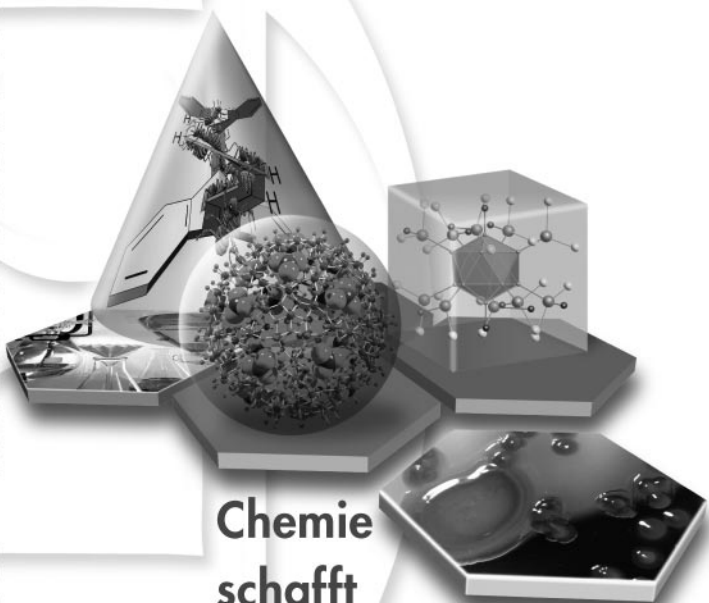


MAP



11. - 14. SEPTEMBER 2005 • HEINRICH-HEINE-UNIVERSITÄT • DÜSSELDORF

GESELLSCHAFT DEUTSCHER CHEMIKER



**Chemie
schafft
neue
Strukturen**

JAHRESTAGUNG 2005



www.gdch.de



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GESELLSCHAFT
DEUTSCHER CHEMIKER

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- Tagungen
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- Kontakt
- Tätigkeiten und Projekte
- Öffentlichkeitsarbeit
- Links zu anderen
- Kontakt



Service

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Veranstaltungen

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Herzlich Willkommen!
Hier finden Sie aktuellen Informationen zu allen T...
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