



EnForCé

DFG
KFO



Programme

BREGENZ SUMMER SCHOOL ON ENDOCRINOLOGY:

Main Topics

- THE HPG AXIS AND THE OVARY
- DEVELOPMENT AND DIFFERENTIATION OF MESENCHYMAL STEM AND PROGENITOR CELLS AND ENDOCRINE CELLS
- HORMONES, AGING AND DISEASES

Sunday, July 18th - Thursday, July 22nd, 2010

**Monastery Mehrerau
Bregenz, Austria**

Sponsored by the DFG-funded Graduate Colleges 1041 & 1208 and the DFG KFO 218. This is a joint project with the German Society of Endocrinology (DGE) and the DGE Young Active Research (YAR), the European Society of Endocrinology (ESE), and the Deutsche Gesellschaft für Osteologie (DGO).

The German Society of Endocrinology and DFG funded projects can sponsor travel grants for young graduates and postgraduates.

Venue: Monastery Mehrerau
Mehrerauerstr. 68
6903 Bregenz, Austria
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E-mail: direction@mehrerau.at
Web: <http://www.mehrerau.at>

Scientific Organizing Committee: Josef Köhrle (Charité, Berlin) Franz Jakob (University of Würzburg), Jochen Seufert (University of Freiburg), Clara Alvarez (ESE), Bernhard Otto Böhm (University of Ulm) and Representatives of YAR Group 2010: Mona Mischke, Berlin; Frank Möller, Dresden; Mette Stoedter, Berlin

Scientific Conference Office: Institute of Experimental Endocrinology
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Organizer/Veranstalter: Akademie für Fort- und Weiterbildung der DGE
https://www.event-endoscience.de/tms/frontend/frontend.cfm?l=3063&id=0&dat_h=&sp_id=2&modus=

CONFERENCE PROGRAM

SUNDAY, 18 JULY 2010

15:30



... AND INTRODUCTION OF PARTICIPANTS

**Participants will introduce themselves,
their interest and field of work.**

Startup Session:

17:00

Stem cell development and nuclear receptors
Barbara Demeneix, Paris, France

19:00

Dinner (Restaurant Klosterkeller)

MONDAY, 19 JULY 2010

**Morning Session 1: Models in Endocrinology
Young Investigator's Day
Sports & Lectures**

Coordination: Mona Mischke (Berlin), Frank Möller (Dresden), Mette Stoedter (Berlin)

08:30

Warm up and getting to know each other with joint sports activities (Volleyball, Badminton, Handball, Soccer, Swimming)

10:00

Making β cells
Francesca Spagnoli, Berlin, Germany

10:50

Corpora lutea function, ovulation and pregnancy in "Vizcachas" (*Lagostomus maximus*), a south-american endocrine model organism
Federico Jensen, Magdeburg, Germany

11:40

Abuse of anabolic steroid prohormones in cattle breeding
Jeroen Rijk, Wageningen, NL

12:30

Lunch

Sports and Fun

15:00

Parallel Session 1: Interactive Courses (*will be repeated*)

A1 Induced pluripotent stem cells
Tobias Cantz, Hannover, Germany

15:00 **Parallel Session 1: Interactive Courses, cont. (*will be repeated*)**

B1 The bone/vascular interface – common mechanisms of osteoporosis and vascular calcification

Lorenz Hofbauer, Dresden, Germany

C1 Thyrocyte function

Josef Köhrle, Berlin, Germany

Afternoon Session 1:

DEVELOPMENT AND FUNCTION OF ENDOCRINE CELLS

15:50 **miRNA, β -cells and diabetes**

Markus Stoffel, Zürich, Switzerland

16:40 **Adrenocortical development**

Gary D. Hammer, Ann Arbor, USA

17:30 **Parallel Session 2: Interactive Courses (*will be repeated*)**

D1 β -cell transcription factors and signalling

Jochen Seufert, Freiburg, Germany

E1 Current trends in PCOS research

Evanthia Diamanti-Karantides, Athens, Greece

F1 Bone cell development

Paolo Bianco, Roma, Italy

18:30 **Light Dinner**

19.30 **After Dinner Lecture 1**

Pathogenesis of postmenopausal osteoporosis – update 2010

Lorenz Hofbauer, Dresden

20:30 **Poster Session 1: Introduction and short presentations in front of posters**

TUESDAY, 20 JULY 2010

Morning Session 2: THE HPG AXIS AND THE OVARY

08:30 **Neurokinin signalling and puberty**

Kemal Topaloglu, Adana, Turkey

09:20 **Does puberty begin with a kiss? Kisspeptin**

Jens D. Mikkelsen, Copenhagen, Denmark

10:10 **Coffee Break**

10:40 **Ovarian reprogramming (FOXL2)**
N. Henriette Uhlenhaut, Heidelberg, Germany

11:30 **Parallel Session 3: Interactive Courses**

B2 The bone/vascular interface – common mechanisms of osteoporosis and vascular calcification

Lorenz Hofbauer, Dresden, Germany

D2 β -cell transcription factors and signalling

Jochen Seufert, Freiburg, Germany

E2 Current trends in PCOS research

Evanthia Diamanti-Karantides, Athens, Greece

12.30 Lunch

Sports and Fun

15:15 **Parallel Session 4: Interactive Courses**

A2 Induced pluripotent stem cells

Tobias Cantz, Hannover, Germany

C2 Thyrocyte function

Josef Köhrle, Berlin, Germany

F2 Bone cell differentiation and plasticity

Franz Jakob, Würzburg, Germany

Coffee

Afternoon Session 2: Ovary and Ageing

16:10 **AMH and the ovarian reserve**
Jenny A. Visser, Rotterdam, Netherlands

17:00 **PCOS in Adolescents**
Evanthia Diamanti-Karantides, Athens, Greece

18:00 **Light Dinner**

19:00 **After Dinner Lecture 2:
Cell biology of a stem cell**
Paolo Bianco, Roma, Italy

20:30 **Poster Session 2: Introduction and short presentations in front of posters**

08:15 Joint sports activities (Volleyball, Badminton, Handball, Soccer, Swimming)

Morning Session 3: Novel Trends in Hormones & Aging Research

09:30 **FGF23 & Vitamin D receptor**

Beate Lanske, Boston, USA

10:20 **Coffee Break**

10:50 **miRNAs and aging mesenchymal stromal cells**

Günter Lepperdinger, Innsbruck, Austria

11:40 **Parallel Session 5: Interactive Courses (will be repeated)**

G1 Perspectives of Postdocs: Research and Funding Programs

Patricia Fuchs, KoWi, Bonn, Germany

H1 Genes and Pathways

Thomas Illig, Munich, Germany

I1 International Scholarships

NN DAAD

12:30 **Lunch**

Sports and Fun

15:00 **Parallel Session 6: Interactive Courses**

J1 Phytoestrogen and steroid hormone action

Oliver Zierau, Dresden, Germany

G2 Perspectives of Postdocs: Research and Funding Programs

Patricia Fuchs, KoWi, Bonn, Germany

H2 Genes and Pathways

Thomas Illig, Munich, Germany

Coffee

**Afternoon Session 3:
New Trends in Hormone and Metabolic Research**

15:50 **Genetic Variation in Human Metabolism**

Thomas Illig, Munich, Germany

16:40 **The difference of (brown) fat cells**

Alexandros Vegiopoulos, Heidelberg, Germany

17:30 **'Brite' adipose tissue, obesity and thermogenesis**

Natasa Petrovic, Stockholm, Sweden

18:30 **Light Dinner**

20:00 **Poster Session 3: Introduction and short presentations in front of posters**

THURSDAY, 22 JULY 2010

8:30 – 12:30
Young Investigator's Session 2

Coordination: Mona Mischke (Berlin), Frank Möller (Dresden), Mette Stoedter (Berlin)

08:30 **Morning Sports**

10:00 **A life scientist in criminal and forensic diagnostics**
Harald Brumm, Berlin, Germany

10:45 **General Discussion and evaluation of the topics and format of this year's Summer School**

11:45 **Feedback and discussion with the organizers, proposals and suggestions for 2010**

12:15 **Farewell**

12:30 **Lunch**

GENERAL INFORMATION

The Bregenz Summer School has a long standing tradition as an interactive hormone and endocrine related brain-storming and meeting place between academia, industry and clinicians.

The meeting venue is in a newly renovated complex of beautiful old buildings of the Collegium Bernardi, a boarding school operated by Kloster Mehrerau, within easy walking distance to the shore of the Lake Constance, Bregenz City Park, and a nature preserve. Bregenz, the State Capital of Vorarlberg, is a modern city of 27,000 and is the cultural center of the province.

The Collegium Bernardi can house up to 120 guests, participation will be confirmed on first come - first served basis. Please note that the Summer School is being held during the Bregenz Opera Festival – therefore alternative accommodations may be difficult to obtain. **Deadline for registration is July 9th !**

PARTICIPATION FEES

Registration

Acc.& board 4 days

Senior Scientists

€ 200.00

+ € 240.00

= € 440.00

Students/Postdocs (including accommodation)

€ 100.00

+ € 180.00

= € 280.00

Registration fee for students, postdocs and other participants is including entry to all sessions, welcome reception on Sunday afternoon, coffee breaks and the conference handout.

The room and full board package for the entire meeting is 240.00 EUR for senior scientists and 180.00 EUR for students and postdocs. In case of accommodation outside the monastery, meals and coffee breaks at the monastery must be paid cash on site.

For Students/Postdocs only: Depending on attracted sponsorship, the registration fee can be refunded upon active participation which requires a poster presentation.

Students who will be presenting a poster may apply for **reimbursement of the registration fee**.

In addition, a **limited number of travel grants** will be available for graduate students/postdocs, depending on incoming support from sponsoring companies/organizations.

If only limited money is available, poster-presenting students/postdocs will be preferred. Money refunding and participation will be made available on a "first register and pay, first served" basis.

Online registration:

<http://www.endoscience.de/>

Payment

Registration will be confirmed by mail. If no confirmation is received within one week, please contact the Congress secretariat.

Cancellation and refund policy

Notification of cancellation must be made in writing and mailed to the congress secretariat with a reference to the bank account where a possible refund may be remitted to. An administrative fee of 30 € will be charged for refunds.

Cancellation and refund fee

Before June 30, 2010, total refund (excluding the administrative fee). After June 30, 2010 no refunds should be expected.

Credit will not be given for unattended events, late arrivals or early departure. All refunds will only be processed after the Congress.

The **Bregenz Opera Festival** will be presenting Giuseppe Verdi's "AIDA" on the floating stage. There are still a few tickets available for the premiere (2nd year) on Thursday July 22, 9:15 PM (to be booked directly by internet 28, 48, 70, 90 EUR). In case demand exceeds the supply, you may purchase your tickets, as well as for the

House Premiere on July 21 "Die Passagierin" (M.Weinberg) via internet (<http://www.bregenzerfestspiele.com/> or telephone: +43 5574 407-6 (ticket center).

The beautiful landscape of Bregenz and its surroundings invites for a variety of sports and recreation - swimming, soccer, tennis, skating all around the lake - please don't forget to bring along your sportswear!

ALL SPEAKERS PLEASE NOTE:

This summer school is not in the format of a scientific research meeting, but has a strong educatory character and aims to encourage young investigators to get integrated into the scientific community and to build their networks. The speakers and the meeting will be evaluated by the participants.

Please leave at least 15 minutes of your allocated time slot for discussion and questions, organize your presentation as interactive as possible, and please give all attendees their chance to get most out your presentation by providing a general and specific introduction into your field of research. Please **prepare a short handout, 1 - 2 pages**, including your **short CV**, summarizing the most important messages of your presentation, the model and methods employed, some key slides and the take-home messages. Deadline for your e-mail submission to the Conference Office: elke.abdelkarim@charite.de is **July 5th**. For the layout of your slides presentation as well as for your handout please use **dark text on light backgrounds**.

ALL STUDENTS PLEASE NOTE:

Get the most out of the invited speakers, be prepared for the session, and get your questions and comments ready for the speakers.

Sponsors & Support

- Deutsche Gesellschaft für Endokrinologie (DGE)
 - EnForCé
 - DFG Graduiertenkollegs 1041 Uni Ulm & 1208 Charité
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Travel information

The most convenient airport is **Zurich**, Switzerland. Alternatives are **Friedrichshafen** or the regional airport **St. Gallen Altenrhein** (via Vienna). For train connections from the airports please turn to: <http://www.sbb.ch/en/>, <http://www.bahn.de/>, <http://fahrplan.oebb.at/>

At Bregenz train station you might take the city bus (green line, 1 €), departing every 30 minutes. A walk from the train station to the monastery takes about 15-20 minutes.



————— footpath/bikepath between railway - opera - monastery

————— bus route / street between railway station - monastery