



EnForCé



BREGENZ SUMMER SCHOOL ON ENDOCRINOLOGY 2011

Main Topics:

1. Hormones relevant to male reproduction: HPG AXIS AND THE TESTES
2. "Re-evolutionary regenerative Medicine"
(Adapting a concept recently published by HM Blau & JH Pomerantz in JAMA 2011; 305 (1):87)
3. Clocks and rhythms in endocrine systems regulating energy metabolism
4. Fat cells and chronic inflammation
5. Novel methods & Endocrine models
6. Perspectives of postdocs in pharmaceutical industry

Sunday, July 24th - Thursday, July 28th, 2011

Monastery Mehrerau
Bregenz, Austria

Sponsored by the DFG-funded Graduate College 1208 & DFG KFO 218 (Berlin) & the DFG-funded Graduate College 1041 and the International Graduate School in Molecular Medicine (Ulm). This is a joint project of the European Society of Endocrinology (ESE) with the German Society of Endocrinology (DGE), the Young Active Research in Endocrinology (YARE), & 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
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Scientific Organizing Committee: Josef Köhrle (Charité, Berlin) Franz Jakob (University of Würzburg), Jochen Seufert (University of Freiburg), Justo P. Castaño (ESE), Bernhard Otto Böhm (University of Ulm) and Representatives of YARE Group 2011: Susann Ludwig, Wageningen; Mona Mischke, Berlin; Frank Möller, Dresden; Mette Stoedter, Berlin

Format & curricular elements: Plenary lectures, Interactive seminars, Workshops, Poster Sessions; Sports, communication & networking activities

Scientific Conference Office: Institute of Experimental Endocrinology
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Organizer/Veranstalter: Akademie für Fort- und Weiterbildung der DGE

Online registration: https://www.event-endoscience.de/tms/frontend/frontend.cfm?l=3072&id=0&dat_h=&sp_id=2

CONFERENCE PROGRAMME

SUNDAY, 24 JULY 2011

15:30



... AND INTRODUCTION OF PARTICIPANTS

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

Startup Session:

17:00 **Steroid and thyroid hormone signalling in amphioxus development**
Vincent Laudet, Lyon, France

19:00 **Dinner (Restaurant Klosterkeller)**

MONDAY, 25 JULY 2011

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

Coordination: Mona Mischke (Berlin), Susann Ludwig (Wageningen),
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 **Refreshments**

10:15 **Progeria and bone development**
Eva Schmidt, Stockholm, Sweden

11:00 **Anabolic hormones – use, abuse and detection in livestock production processes**
Mark Mooney, Belfast, United Kingdom

11:45 **Phytosteroids and steroid signalling**
Svjetlana Medjakovic, Wien, Austria

12:30 **Lunch**

Sports and Fun

15:00-15:45 Parallel Session 1: Interactive Courses

A1 Origin and co-evolution of nuclear receptors and their ligands?

Vincent Laudet, Lyon, France

B1 Lipid sensing and nuclear receptors

Günter Vollmer, Dresden, Germany

C1 In vitro models for endocrine disrupter research

Josef Köhrle, Berlin, Germany

15:45 **Coffee & Tea Break**

Afternoon Session 1: Hormones relevant to male reproduction: HPG AXIS AND THE TESTES

Chairperson: **Franz Jakob, Würzburg**

16:00 Testes xenografting: a model to explore gonocyte and testes development and endocrine function

Stefan Schlatt, Münster, Germany

16:45 Targeted inactivation of androgen receptor and/or gonadotropins and their receptors

Ilpo Huhtaniemi, London, United Kingdom

17:30 A mouse model for Klinefelter Syndrome: X-inactivation and Leydig cell development

Jörg Gromoll, Münster, Germany

18:30 **Supper**

19.30 **After Dinner Lecture:**

Environmental contaminants and disruption of thyroid hormone signalling during embryogenesis

Barbara Demeneix, Paris, France

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

Chairperson: **Mona Mischke, Berlin**

TUESDAY, 26 JULY 2011

Morning Session 2: Clocks and rhythms in endocrine systems regulating energy

Chairperson: **Josef Köhrle, Berlin**

08:30 Of larks and owls: when does the circadian clock start ticking, and how does it vary from person to person?

Steven A. Brown, Zurich, Switzerland

09:15 The hypothalamic clock and its control of glucose homeostasis

Andries Kalsbeek, Amsterdam, The Netherlands

10:00 **Coffee & Tea Break**

10:30 **Sleep patterns, diabetes & metabolic syndrome**
Sebastian Schmid, Lübeck, Germany

11:30 **Parallel Session 2: Interactive Courses**

A2 Origin and co-evolution of nuclear receptors and their ligands?
Vincent Laudet, Lyon, France

D1 Biology and therapeutic potential of mesenchymal stem cells
Franz Jakob, Würzburg, Germany

C2 In vitro models for endocrine disrupter research
Josef Köhrle, Berlin, Germany

12.30 **Lunch**

Sports and Fun

15:00 **Parallel Session 3: Interactive Courses**

E1 Basic regulation and dysregulation of pancreatic β -cell mass adaptation by nutrients
Günter Paeth, Freiburg, Germany

F1 Diabetes Genetics
Bernhard Otto Böhm, Ulm, Germany

G1 Successful implementation and management of European network grants
Barbara Demeneix, Paris, France

15:45 **Coffee & Tea Break**

Afternoon Session 2: “Re-evolutionary regenerative Medicine”
(Adapting a concept published by HM Blau & JH Pomerantz in JAMA 2011; 305:87)

Chairperson: **Jochen Seufert, Freiburg**

16:00 **Plasticity of pancreatic cells**
Jorge Ferrer, Barcelona, Spain

16:45 **Stem cells islets, angiogenesis**
Eckhardt Lammert, Düsseldorf, Germany

17:30 **Tendon degeneration and regeneration - the molecular basis for applications in regenerative medicine**
Denitsa Docheva, Munich, Germany

18:30 **Supper**

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

Chairperson: Frank Möller, Dresden

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

Morning Session 3: Fat cells and chronic inflammation

Chairperson: Bernhard Otto Böhm, Ulm

09:30 **G-coupled receptors and fat cell associated inflammation**

Peter Gierschik, Ulm, Germany

10:15 **Coffee & Tea Break**

10:45 **The methylome – DNA methylation and histone modifications due to the exposure to environmental lifestyle factors**

Vardhman Rakyar, London, United Kingdom

11:30 **MicroRNAs: a new class of regulatory genes affecting metabolism**

Jan Krützfeldt, Zurich, Switzerland

12:30 **Lunch**

Sports and Fun

15:00 **Parallel Session 3: Interactive Courses**

H1 Do's and Don'ts in successfully completing a PhD Thesis

Frank Möller, Dresden, Germany

I1 How to successfully publish your data

Ilpo Huhtaniemi, London, United Kingdom

J1 The challenges of an international career as researcher:

The view of a scientist and his family

Stefan Schlatt, Münster, Germany

15:45 **Coffee & Tea Break**

Afternoon Session 3: Islet development and cancer

Perspectives of postdocs in pharmaceutical industry

Chairperson: Günter Paeth, Freiburg

16:00 **Dachshund homologues in islet cell development**

Anna Kalousova, San Francisco, USA

16:45 **Cancer as an endocrine problem: the case for IGF-1 and its receptors and binding proteins**

Jeff M. Holly, Bristol, United Kingdom

17:30 **Clinically-oriented pharmaceutical research**

Vladimir K. Patchev, Bayer AG, Berlin, Germany

18.30 **Supper**

20:30 **Poster Session 3: Introduction and short presentations in front of posters**

Chairperson: Mette Stoedter, Berlin

THURSDAY, 28 JULY 2011

Morning Session 4:

Young Investigator's Session 2

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

08:30 Morning Sports

09:45 Refreshments

10:00 Hitchhiker's guide to pharmaceutical industry
Sabine Jeck-Thole, Basel, Switzerland

10:45 Perspectives of young scientists in non-university research institutes and industry
Thomas Hach, Ingelheim, Germany

11:30 General discussion and evaluation of the topics and format of this year's Summer School

12:30 Farewell & Invitation for 2012

12:45 Feedback and discussion with the organizers, proposals and suggestions for 2012

13.00 Lunch

GENERAL INFORMATION

The Bregenz Summer School has a long standing tradition as an interactive hormone and endocrine related brain-storming event and meeting place between researchers in 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 hosting the world-wide renowned *Bregenzer Festspiele*. These include spectacular opera performances on the floating stage with the unique lake panorama as natural scene.

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 and payment is June 30, 2011!**

PARTICIPATION FEES

<u>Registration</u>	<u>Accommodation & board 4 days</u>	<u>Total</u>
Senior Scientists € 220.00	+ € 250.00	= € 470.0
Students/Postdocs (including accommodation) € 100.00	+ € 200.00	= € 300.00

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 250.00 EUR for senior scientists and 200.00 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.

A limited number of rooms for extensions before and after the meeting is available.

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:

https://www.event-endoscience.de/tms/frontend/frontend.cfm?l=3072&id=0&dat_h=&sp_id=2

Payment

By credit card or bank transfer (no cash payments of registration, room and boarding fees on site!)

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 until June 30, 2011 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, 2011, total refund (excluding the administrative fee). After June 30, 2011 no refunds can 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 Umberto Giordanos Opera “André Chénier” on the floating stage (28 to 132 €) and Judith Weirs Opera Achterbahn (Festspielhaus, 40-95 €). There will be tickets available to be booked directly by internet (<http://www.bregenzfestspiele.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!

Sponsors & Support

- European Society of Endocrinology
 - Deutsche Gesellschaft für Endokrinologie (DGE)
 - Deutsche Gesellschaft für Osteologie (DGO)
 - DFG Graduiertenkollegs 1041 Uni Ulm & 1208 Charité
 - EnForCé
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Travel information

The most convenient airport is **Zurich**, Switzerland. Alternatives are the regional airport **St. Gallen Altenrhein** (via Vienna) or **Friedrichshafen**. 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.

