Main Topics 2016:

- Placental endocrinology
- Interphase bone and (glucose) metabolism
- Endocrinology of stem cells
- 101 years of L-Thyroxine
- New techniques and novel animal models
- Career planning and endocrine job perspectives

Sunday, July 31st – Thursday, August 4th, 2016

Monastery Mehrerau
Bregenz, Austria

This is a joint project of the European Society of Endocrinology (ESE) with the German Society of Endocrinology (DGE), the European Young Endocrine Scientists (EYES) & Young Active Research in Endocrinology (YARE). Sponsored by the DFG SPP 1629 & DFG KFO 218 & SKELMet.

The European Society of Endocrinology, 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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Fax: +43 5574 714 94
E-mail: astrid.schneider@mehrerau.at
Web: http://www.mehrerau.at

Scientific Organizing Committee:
Josef Köhrle (Charité, Berlin) Franz Jakob (University of Würzburg), Jochen Seufert (University of Freiburg); Heike Biebermann (Charité, Berlin) for ThyroidTransAct Maria C. Zatelli, Ferrara, Italy & Marc Lombes, Le Kremlin-Bicêtre, France, representing ESE

Representatives of YARE & EYES:
Rahel Büttler, Hohenems; Luís Cardoso, Coimbra; Milena Doroszko, Turku; Henriette Undeutsch, Turku; Raffael Ott, Berlin; Lev Prystupiuk, Kiew.

Format & curricular elements:
Plenary lectures, Interactive Seminars, Poster Sessions; Sports, Communication & Networking

Scientific Conference Office:
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E-mail: elke.abdel-karim@charite.de

Conference Registration:
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Tel. +49 (0)1987-9742411
E-Mail: info@endoscience.de

Organizer/Veranstalter:
Akademie für Fort- und Weiterbildung der DGE
PRELIMINARY CONFERENCE PROGRAM

SUNDAY, 31 JULY 2016

15:30 ... AND INTRODUCTION OF PARTICIPANTS
Participants will introduce themselves, their interest and field of work.

START-UP SESSION
Chairperson: Josef Köhrle, Berlin, Germany

17:00 Opening Lecture
NN

19:00 Dinner (Restaurant Klosterkeller)

MONDAY, 1 AUGUST 2016

Morning Session 1:
Chairperson: EYES
Coordination: Rahel Büttler, Hohenems; Luis Cardoso, Coimbra; Milena Doroszko, Turku; Henriette Undeutsch, Turku; Raffael Ott, Berlin; Lev Prystupiuk, Kiew

08:15 Warm-up and getting to know each other with joint sports activities (Volleyball, Badminton, Handball, Soccer, Swimming)

10:00 Refreshments

10:15 Clocks, SCN and Physiology
Christine Koch, Lübeck, Germany (invited)

11:00 Circadian rhythm and glucocorticoid receptor
Nicolas C. Nicolaides, Athens, Greece (invited)

11:45 Circadian regulation of brown adipose tissue
Rosa van den Berg, Leiden, The Netherlands
12:30 Lunch

Sports and Fun

15:15 Parallel Session 2: Interactive Courses

A 1 How translational research may answer to clinical questions
*Maria Chiara Zatelli, Ferrara, Italy*

B 1 C.elegans as model organism
*Simone Prömel, Leipzig, Germany*

C 1 Transgenic mouse models in neuroendocrine research
*Ulrich Boehm, Homburg, Germany*

16:15 Coffee & Tea Break

Afternoon Session 3: 101 years of L-Thyroxine:
Thyroid hormones, stem cells and proliferation
ThyroidTransAct DFG Priority Programme Session

Chairperson: Heike Biebermann, Berlin, Germany

16:30 Thyroid regeneration from differentiated pluripotent stem cells
*Anthony N. Hollenberg, Boston, USA*

17:15 Thyroid hormone dependent muscle stem cell proliferation and lineage progression
*Monica Dentice, Naples, Italy*

18:00 Thyroid and bone
*Martina Rauner, Dresden, Germany*

19:00 Supper

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

TUESDAY, 2 AUGUST 2016

Morning Session 4: Placental endocrinology: from implantation via ART to endometriosis

Chairperson: Maria Chiara Zatelli, Ferrara, Italy

08:00 Joint sports activities (Volleyball, Badminton, Handball, Soccer, Swimming)

09:00 Placental Angiogenesis
*Nadia Alfaidy, Grenoble, France*
09:45  Increased placental nutrient transport in a novel mouse model of maternal obesity with fetal overgrowth
Fredrick J. Rosario, San Antonio, USA

10:30  Coffee & Tea Break

10:45  Maternal-placental determinants of offspring thyroid function
Tim Korevaar, Rotterdam, The Netherlands

11:30  Poster Session 2:  Introduction and short presentations in front of posters
Chairperson:  EYES

12:30  Lunch
Sports and Fun

15:15  Parallel Session 5:  Interactive Courses
A 2 How translational research may answer to clinical questions
Maria Chiara Zatelli, Ferrara, Italy

E 1  Models to study placentation, from \textit{in vitro} and \textit{in vivo} to clinical studies: Case of endocrine gland derived endothelial growth factor
Nadia Alfaidy, Grenoble, France

F 1  Writing your first grant
Martina Rauner; Dresden, Germany

16:00  Coffee & Tea Break

Afternoon Session 6:  Endocrinology of stem cells
Chairperson:  Jochen Seufert, Freiburg, Germany

16:15  Development and regulation of the GnRH Neurons
Ulrich Boehm, Homburg, Germany

17:00  Pituitary stem cells
Karine Rizzoti, London, United Kingdom

17:45  Development of an encapsulated stem cell-based therapy for diabetes
Chiara Villa, Milano, Italy

19:00  Supper
## WEDNESDAY, 3 AUGUST 2016

### Morning Session 7: Bone interfaces and (glucose) metabolism

**Chairperson:** Franz Jakob, Würzburg, Germany

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Joint sports activities (Volleyball, Badminton, Handball, Soccer, Swimming)</td>
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</tbody>
</table>
| 09:00 | Interface bone, insulin and metabolism  
    *Moustapha Kassem, Odense, Denmark* |
| 09:45 | Tumor-bone interphase  
    *Laurie K. McCauley, Michigan, USA* |
| 10:30 | Coffee & Tea Break |
| 11:00 | The obesity of bone - Sarcopenic obesity  
    *Silvia Migliaccio, Rome, Italy* |

### Parallel Session 8: Interactive Courses

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 11:45 | D 1 “Models to study placental transport”  
    *Fredrick J. Rosario, San Antonio, USA* |
|       | B 2 C. elegans as model organism  
    *Simone Prömel, Leipzig, Germany* |
|       | E 2 Models to study placentation, from *in vitro* and *in vivo* to clinical studies:  
    *Case of endocrine gland derived endothelial growth factor*  
    *Nadia Alfaidy, Grenoble, France* |
| 12:45 | Lunch |

**Sports and Fun**

### Parallel Session 9: Interactive Courses

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
</table>
| 15:00 | D 2 “Models to study placental transport”  
    *Fredrick J. Rosario, San Antonio, USA* |
|       | C 2 Transgenic mouse models in neuroendocrine research  
    *Ulrich Boehm, Homburg, Germany* |
|       | F 2 Writing your first grant  
    *Martina Rauner; Dresden, Germany* |
| 15:45 | Coffee & Tea Break |

### Afternoon Session 10: Translational research in endocrinology, New Animal Models, Novel Methods

**Chairperson:** Josef Köhrle, Berlin, Germany

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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| 16:00 | Translational research in endocrinology: The search for predictive questions  
    *Maria Chiara Zatelli, Ferrara, Italy* |
16:45  Humanized mouse models  
*Boris Holzapfel, Würzburg, Germany*

17:30  Ultraresolution microscopy  
*Mark Sauer, Würzburg, Germany (invited)*

18:30  Supper

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<thead>
<tr>
<th>20:00</th>
<th>Poster Session 3</th>
<th>Introduction and short presentations in front of posters</th>
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<tbody>
<tr>
<td>Chairperson:</td>
<td>EYES</td>
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**THURSDAY, 4 AUGUST 2016**

Morning Session 11:  YOUNG INVESTIGATORS SESSION 2 (ORGANIZED BY EYES, KLUB 30, JNVE, YARE)  
CAREER PLANNING AND ENDOCRINE JOB PERSPECTIVES:  
IP, PATENTS & COMPANY FOUNDATION  
Chairperson:  EYES  
Coordination:  Rahel Büttler, Hohenems; Luis Cardoso, Coimbra; Milena Doroszko, Turku; Henriette Undeutsch, Turku; Raffael Ott, Berlin; Lev Prystupiuk, Kiew

| 08:15 | Morning Sports |
| 09:15 | Refreshments  |
| 09:30 | Function and Signalling of Adhesion GPCRs  
*Simone Prömel, Leipzig, Germany* |
| 10:15 | NN           |
| 11:00 | General discussion and evaluation of the topics and format of this year’s Summer School; proposals and suggestions for 2017 |
| 12:45 | Farewell & Invitation for 2017 |
| 13:00 | Lunch        |
| 13:30 | Feedback and discussion with the organizers |
GENERAL INFORMATION

The Bregenz Summer School has a long standing tradition as an interactive hormone and endocrine related brainstorming 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.

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 July 15, 2016!

PARTICIPATION FEES

<table>
<thead>
<tr>
<th>Registration</th>
<th>Accommodation &amp; board 4 days</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Senior Scientists</td>
<td>€ 230.00</td>
<td>€ 370.00</td>
</tr>
<tr>
<td>Students/Postdocs</td>
<td>€ 100.00</td>
<td>€ 340.00</td>
</tr>
</tbody>
</table>

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 370.00 EUR for senior scientists and 340.00 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. The accommodation costs include accommodation in a double room with shower/toilet (arrival: July 31th, departure: August 4th). If you want to share your room with a certain person who is already registered for the conference you can do so via the indicated online-registration tool. Additional nights have to be paid on your own and need to be confirmed by EndoScience.

For Students/Postdocs only: For those students/postdocs who present posters, registration fee will be refunded upon active participation. Students presenting a poster are encouraged to apply for reimbursement of the registration fee and for meeting travel grants provided by the European Society of Endocrinology and also the Deutsche Gesellschaft für Endokrinologie. Travel grant and meeting grant applications need to be submitted directly to ESE or DGE. To qualify for these grants, membership is required, which can be applied for in parallel with registration and which is affordable also for young investigators (e.g. ESE in training members pay 20€/a). For ESE membership and ESE meeting grants to the summer school please contact the website http://www.ese-hormones.org/membership/ordinary/index.aspx and ESE meeting grants to the summer school please contact the website http://www.ese-hormones.org/prizes/ESEMeeting.aspx. For DGE associated membership fee is 25€/a (http://www.endokrinologie.net/download/auahmenaung-dge.pdf) and DGE travel grants applications can be submitted in parallel with membership application and registration (http://www.endokrinologie.net/reisekosten-stipendium.php).

Money refunding and participation will be made available on a “first register and pay, first served” basis.

Payment

By 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, 2016 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 July 10, 2016, total refund (excluding the administrative fee). After July 10, 2016 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 Giacomo Puccini’s “Turandot” on the spectacular floating stage. There will be tickets available with prizes between 30 to 126 € to be booked directly by internet (http://www.bregenzerfestspiele.com) or telephone: +43 5574 407-6 (ticket centre).

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 (ESE)
- Deutsche Gesellschaft für Endokrinologie (DGE)
- German national consortium SKELMET
- DFG KFO 218 & SPP 1629, Charité Berlin
- EnForCé, Berlin

Travel information

The most convenient airport is Zurich, Switzerland, connected by regular fast trains to Bregenz. Alternatives are the regional airports 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 (one ride: 1,40 €; day ticket, valid for any bus connection within Bregenz: 2,70 €). A walk to the monastery from the train station along the lake shore passing the lake stage opera takes about 15-20 minutes (ca. 1.5 km).