



ESE BREGENZ SUMMER SCHOOL ON ENDOCRINOLOGY 2014



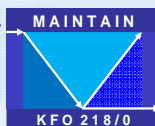
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SPP 1629
Deutsche Forschungsgemeinschaft



YARE
YOUNG ACTIVE RESEARCH
IN ENDOCRINOLOGY



EnForCé



Main Topics 2014:

- Endocrinology of pregnancy and early epigenetic programming of endocrine axes
- Hormones in the aging population
- Thyroid hormone transport and action (DFG-funded ThyroidTransAct Session)
- Systemic regulation of energy metabolism - From gut to brain and back
- Novel developments and metabolic impact of nutrient transporters and sensors
- Cutting edge methods, novel animal models, new hormones

Sunday, August 3rd – Thursday, August 7th, 2014

Monastery Mehrerau

Bregenz, Austria

This is a joint project of the European Society of Endocrinology (ESE) with the German Society of Endocrinology (DGE), the Deutsche Gesellschaft für Osteologie (DGO), the European Young Endocrine Scientists (EYES) & Young Active Research in Endocrinology (YARE). Sponsored by the DFG-funded Graduate College 1208, DFG KFO 218 & SPP 1629 (Berlin) & the Bavarian Sarcopenia Network FORMOSA.

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
Tel.: +43 5574 714 38-84
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);
Ilpo Huhtaniemi (Imperial College London) & Manuel Tena-Sempere (University of Cordoba) for ESE

Representatives of YARE & EYES:

Rahel Büttler, Amsterdam; Milena Doroszko, Turku; Annekathrin Keiler, Dresden;
Susann Ludwig, Wageningen; Raffael Ott, Berlin

Format & curricular elements:

Plenary lectures, Interactive Seminars, Poster Sessions; Sports, Communication & Networking

Scientific Conference Office:

Institute of Experimental Endocrinology
Charité – University Medicine Berlin
Mrs. Elke Abdel-Karim
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Conference Registration:

EndoScience Endokrinologie Service GmbH
Hopfengartenweg 19
90518 Altdorf, Germany
Tel. +49 (0)9187-9742411
E-Mail: jnfo@endoscience.de

Organizer/Veranstalter:

Akademie für Fort- und Weiterbildung der DGE

Online registration:

<http://www.endokrinologie.net/endokrinologie-international.php>

CONFERENCE PROGRAM

SUNDAY, 3 AUGUST 2014

15:30



... AND INTRODUCTION OF PARTICIPANTS

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

START-UP SESSION

Chairperson: Josef Köhrle, Berlin

17:00

Opening Lecture

Targeting neuroendocrine systems to control systemic metabolism

Matthias Tschöp, Munich, Germany

19:00

Dinner (Restaurant Klosterkeller)

MONDAY, 4 AUGUST 2014

Morning Session 1: A fresh look on endocrinology, metabolism, development & aging
YARE & EYES Young Investigator's Session 1 - Sports & Lectures

Chairperson: NN

Coordination: Rahel Büttler, Amsterdam; Milena Doroszko, Turku; Annekathrin Keiler, Desden; Susann Ludwig, Wageningen; Raffael Ott, Berlin

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

10:00 Refreshments

10:15 Placental development, preeclampsia, genetic factors
Marie van Dijk, Amsterdam, Netherlands

11:00 Advantages, pitfalls and limits of Isotope-Dilution Liquid Chromatography Tandem
Mass Spectrometry (ID-LC-MS/MS) in hormone analytics
Annemieke Heijboer, Amsterdam, Netherlands

11:45 Thyroid hormone target molecules and brain development – chicken model
Joke Delbaere, Leuven, Belgium

12:30 Lunch

Morning Session 2: 6 months meeting of the Bavarian Sarcopenia Network FORMOsA

Chairperson: Franz Jakob, Würzburg, Germany

Sports and Fun

15:15 Parallel Session 1: 3 Interactive Courses

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16:15 Coffee & Tea Break

Afternoon Session 1: Endocrinology of pregnancy and early epigenetic programming of endocrine axes - Part I

Chairperson: NN

16:30 The kisspeptin system in regulation of pregnancy and fertility

Manuel Tena-Sempere, Cordoba, Spain

17:15 Evolution and function of placental hormones

Nadine Binart, Paris, France

18:00 Human placental hormones – clinical relevance

Marlis Laan, Tartu, Estonia

19:00 Supper

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

Chairperson: NN

TUESDAY, 5 AUGUST 2014

Morning Session 3: Endocrinology of pregnancy and early epigenetic programming of endocrine axes - Part II

Chairperson: NN

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

09:00 Endocrine communication in the maternal-fetal unit programming
Rebecca M. Reynolds, Edinburgh, United Kingdom

09:45 Epigenetic Programming of hypothalamic circuits
Robert A. Waterland, Houston, USA

10:30 Coffee & Tea Break

Morning Session 4: DFG-funded ThyroidTransAct Session: Thyroid hormone transport and action

Chairperson: Heike Biebermann, Berlin, Germany

10:45 Phenotyping of TR α -dependent thyroid hormone resistance
Edward Visser, Rotterdam/Cambridge, Netherlands/United Kingdom

11:30 Lessons from animal models modifying thyroid transport during development and aging
Heike Heuer, Jena, Germany

12:15 Parallel Session 2: 3 Interactive Courses

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13:00 Lunch

Sports and Fun

15:15 Poster Session 2: Introduction and short presentations in front of posters

Chairperson: NN

Afternoon Session 2: Systemic regulation of Energy Metabolism – From gut to brain and back

Chairperson: Jochen Seufert, Freiburg, Germany

16:15 Glucocorticoids in metabolic Control
Stefan Herzig, Heidelberg, Germany

17:00 From gut to brain and back
Ruben Nogueiras, Santiago de Compostela, Spain

17:75 Parallel Session 3: 3 Interactive Courses

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19:00 Supper

WEDNESDAY, 7 AUGUST 2014

Morning Session 5: Hormones in the aging population

Chairperson: NN

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

09:00 **The role of nuclear receptors in epigenetic regulation**
Hinrich Gronemeyer, Strasbourg, France

09:45 **Age-dependent alterations of hormone rhythms and dynamics**
Ferdinand Roelfsema, Leiden, The Netherlands

10:30 **Coffee & Tea Break**

11:00 **Epigenetics and Exercise in Weight Maintenance**
Romain Barres, Copenhagen, Denmark (invited)

11:45 **Poster Session 3: Introduction and short presentations in front of posters**

Chairperson: NN

12:45 **Lunch**

Sports and Fun

15:00 **Parallel Session 4: 3 Interactive Courses**

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15:45 **Coffee & Tea Break**

Afternoon Session 3: Novel Developments and metabolic impact of Nutrients Transporters and Sensors

Chairperson: NN

16:00 **Nutrient and taste receptor signalling in the gut**
Inge Depoortere, Leuven, Belgium

16:45 **Nutrient sensing, amino acids and mTOR signalling**
Peter Taylor, Dundee, United Kingdom

17:30 **Nutrient and metabolite sensors controlling gut and pancreatic hormone secretion**
Thue W. Schwartz, Copenhagen, Denmark

18:10 **Supper**

20:30 **Poster Session 4 Introduction and short presentations in front of posters**

Chairperson: NN

THURSDAY, 8 AUGUST 2014

Morning Session 6: YARE & EYES Young Investigator's Session 2 – Cutting Edge methods, new animal models, hot topics

Chairperson: NN

Coordination: Rahel Büttler, Amsterdam; Milena Doroszko, Turku; Annekathrin Keiler, Desden; Susann Ludwig, Wageningen; Raffael Ott, Berlin

08:15 Morning Sports

09:15 Refreshments

09:30 Why do men die earlier than women?
Jennifer C. Regan, London, United Kingdom (invited)

10:15 Advanced and efficient generation of transgenic animals: TALENs
Laurent Tesson, Nantes, France (invited)

11:00 Genome editing and engineering - CRISPR/Cas
Feng Zhang, Cambridge, USA (invited)

11:45 General discussion and evaluation of the topics and format of this year's Summer School; proposals and suggestions for 2015

12:45 Farewell & Invitation for 2015

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 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.

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, 2014 !

PARTICIPATION FEES

<u>Registration</u>	<u>Accommodation & board 4 days</u>	<u>Total</u>
Senior Scientists € 220.00	+ € 350.00	= € 570.0
Students/Postdocs (including accommodation) € 100.00	+ € 320.00	= € 420.00

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 350.00 EUR for senior scientists and 320.00 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: August 3rd, departure: August 7th). 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: 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**.

Attendees of the summer school are encouraged to apply for **meeting grants either with 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** (<http://www.es-hormones.org/membership/ordinary/index.aspx>) and ESE meeting grants to the summer school please contact the website <http://www.es-hormones.org/prizes/ESEMeeting.aspx>. For DGE associated membership fee is 25€/a (<http://www.endokrinologie.net/download/aufnahmeantrag-dge.pdf>) and **DGE travel grants** applications can be submitted in parallel with membership application and registration (<http://www.endokrinologie.net/reisekosten-stipendium.php>).

In addition, a **limited number of travel grants** will be available for graduate students/postdocs who are not ESE or DGE members, depending on incoming support from sponsoring companies/organizations.

If only limited funds are 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.endokrinologie.net/endokrinologie-international.php>

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, 2014 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 15, 2014, total refund (excluding the administrative fee). After July 15, 2014 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 Mozart's "Die Zauberflöte" ("Magic Flute") on the spectacular lake stage and the World premiere of "Tales from the Vienna Woods", an opera by HK Gruber will be performed in the Opera house. There will be tickets available with prizes between 30 to 215 € to be booked directly by internet (<http://www.bregenzfestspiele.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
- Deutsche Gesellschaft für Endokrinologie (DGE)
- Sarcopenia Network FORMOsA
- DFG Graduate Schools 1208, SPP 1629 & KFO 218, Charité Berlin
- EnForCé
- Deutsche Gesellschaft für Osteologie (DGO)

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: 1,30 €; day ticket, valid for any bus connection within Bregenz: 2,30 €). 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).



— footpath/bikepath railway - opera - monastery

— bus route / street railway station - monastery