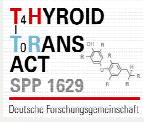




ESE SUMMER SCHOOL ON ENDOCRINOLOGY 2017



EnForCé



Main Topics 2017:

- The Growth Hormone – IGF axis
- Pituitary Adenoma and Multiple Endocrine Neoplasia
- Diabetes & Gut-Brain-Axis: Neuro-Endo-Microbiota Regulation of Metabolism
- Experimental Models in Endocrinology
- Big data in Endocrinology and Research
- ThyroidTransAct Session
- Hormones and Endocrinology in “Social Media”

Sunday, July 30st – Thursday, August 3th, 2017

Ev. Bildungsstätte Schwanenwerder
Berlin, Germany

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, DDG, & SKELMet.

The European Society of Endocrinology, the German Society of Endocrinology and DFG-funded projects sponsor travel grants for young graduates and postgraduates.

Venue:

Evangelische Bildungsstätte auf Schwanenwerder
Inselstraße 27-28
14129 Berlin-Schwanenwerder
www.berlin-schwanenwerder.de

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
Rahel Büttler, Hohenems; Luís Cardoso, Coimbra; Milena Doroszko, Turku; Julia Münzker, Graz;
Lev Prystupniuk, Kiev, Henriette Undeutsch, Turku

Representatives of YARE & EYES:

Format & curricular elements:

Plenary lectures, Breakout working groups, Poster Sessions; Sports, Communication & Networking

Scientific Conference Office:

Institute of Experimental Endocrinology
Charité – University Medicine Berlin
Mrs. Elke Abdel-Karim
Augustenburger Platz 1
13353 Berlin, Germany
Tel.: + 49 30 450 524022
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Conference Registration:

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

Organizer/Veranstalter:

Akademie für Fort- und Weiterbildung der DGE

Online Registration:

<https://www.m-anage.com/Login.aspx?event=summerschool2017>

PRELIMINARY CONFERENCE PROGRAM

SUNDAY, 30 JULY 2017

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

Oxytocin – from Geoffrey Harris to the “cuddling hormone”

Gareth Leng, Edinburgh, UK

19:00

Dinner

MONDAY, 31 JULY 2017

Morning Session 1: YOUNG INVESTIGATORS SESSION 1
(ORGANIZED BY EYES & YARE)

EXPERIMENTAL MODELS IN ENDOCRINOLOGY

Chairperson: NN

Coordination: Rahel Büttler, Hohenems; Luis Cardoso, Coimbra; Milena Doroszko, Turku;
Julia Münzker, Graz; Lev Prystupiyuk, Kiev; Henriette Undeutsch, Turku

08:15

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

10:00

Refreshments

10:15

Debate 1: Why do we need in vivo animal experiments in endocrinology?

Matti Poutanen, Turku, Finland

11:00

Debate 2: In vitro and in silico screening for endocrine disruptors

Clemens Wittwer, Italy (invited)

11:45

Sheep as animal model in PCOS research

W. Colin Duncan, Edinburgh, UK

12:30

Lunch

Sports and Fun

15:15 Parallel Session 2: Group work breakout session

A 1 How to study neuroendocrine function in animal models

Gareth Leng, Edinburgh, UK

B 1 How translational research may answer to clinical questions

Maria Chiara Zatelli, Ferrara, Italy

C 1 How to combine genetics and clinics in pituitary tumor research

Donato Iacovazzo, London, UK

16:15 Coffee & Tea Break

**Afternoon Session 3: 102 years of L-Thyroxine:
Thyroid hormones, development and proliferation**

ThyroidTransAct DFG Priority Program 1629 Session

Chairperson: **Heike Biebertmann, Berlin, Germany**

16:45 Targeting thyroid hormones to the brain in AHDS patients

Heiko Krude, Berlin, Germany

17:30 The human brain at work: Thyroid hormones and brain function

Georg Brabant, Lübeck, Germany

18:15 Thyroid-related diseases and big data

Maik Pietzner, Greifswald, Germany

19:00 Supper

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

Chairperson: **NN**

TUESDAY, 1 AUGUST 2017

Morning Session 4: The Growth hormone – IGF axis

Chairperson: **NN**

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

09:00 The GH-IGF axis

Marc Gurnell, Cambridge, UK

09:45 Metabolic fingerprints of circulating IGF-1 and the IGF-1/IGFBP-3 ratio: A multilfluid metabolomics study

Nele Friedrich, Greifswald, Germany

10:30 Coffee & Tea Break

**11:00 Avoiding pre-analytical pitfalls in immunoassay measurements of metabolic hormones
In basic research**

Maximilian Bielowhuby, Frankfurt, Germany

11:45 Poster Session 2: Introduction and short presentations in front of posters

Chairperson: NN

12:30 Lunch

Sports and Fun

15:15 Parallel Session 5: Group work breakout session

A 2 How to study neuroendocrine function in animal models

Gareth Leng, Edinburgh, UK

B 2 How translational research may answer to clinical questions

Maria Chiara Zatelli, Ferrara, Italy

C 2 How to combine genetics and clinics in pituitary tumor research

Donato Iacovazzo, London, UK

16:00 Coffee & Tea Break

Afternoon Session 6: Diabetes and Gut-brain-axis: Neuro-Endo-Microbiota regulation of metabolism

Chairperson: NN

16:30 Microbiota and gut-brain networks – succinate signalling

Gilles Mithieux, Lyon, France

17:15 Animal models in diabetes research

Annette Schürmann, Rehbrücke, Germany

18:00 Closed loop systems in diabetes technology

Jasmin Hauzenberger, Graz, Austria

19:00 Supper

WEDNESDAY, 2 AUGUST 2017

Morning Session 7: Pituitary endocrinology, adenoma and multiple endocrine neoplasia (MEN)

Chairperson: NN

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

09:00 Familial pituitary tumors

Donato Iacovazzo, London, UK

09:45 MEN

Natalia Pellegata, Munich, Germany

10:30 Coffee & Tea Break

11:00 Neuroendocrine tumors – diagnosis, treatment, prognosis

Maria Chiara Zatelli, Ferrara, Italy

11:45 Parallel Session 8: Group work breakout session

D 1 Being an entrepreneur in the RNA world

Matthias Hackl, Vienna, Austria

E 1 Congenital Hypothyroidism – Development and treatment

Heiko Krude, Berlin, Germany

F 1 How to study gut – brain crosstalk

Gilles Mithieux, Lyon, France

12:45 Lunch

Sports and Fun

15:00 Parallel Session 9: Group work breakout session

D 2 Being an entrepreneur in the RNA world

Matthias Hackl, Vienna, Austria

E 2 Congenital Hypothyroidism – Development and treatment

Heiko Krude, Berlin, Germany

F 2 How to study gut – brain crosstalk

Gilles Mithieux, Lyon, France

16:00 Coffee & Tea Break

Afternoon Session 10: Big data in life science – towards personalized and precision medicine

Chairperson: **NN**

16:30 Big data, personalized and precision medicine in cancer and metabolic research

Catherine Alix-Panabieres, France (invited)

17:15 Circulating microRNAs as novel biomarkers for bone diseases

Matthias Hackl, Vienna, Austria

18:30 Supper

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

Chairperson: **NN**

THURSDAY, 3 AUGUST 2017

Morning Session 11: YOUNG INVESTIGATORS SESSION 2 (ORGANIZED BY EYES & YARE)

Translating science into business & communicating knowledge

Chairperson: NN

Coordination: Rahel Büttler, Hohenems; Luis Cardoso, Coimbra; Milena Doroszko, Turku;
Julia Münzker, Graz; Lev Prystupiuk, Kiev; Henriette Undeutsch, Turku

08:15 **Morning Sports**

09:15 **Refreshments**

09:30 **Printing human tissues chips**
Roland Lauster, Berlin, Germany

10:15 **Hormones and Endocrinology in “Social Media”**
Lynsey Forsyth, Woodlands, UK

11:00 **General discussion and evaluation of the topics and format of this year’s Summer School; proposals and suggestions for 2018**

12:45 **Farewell & Invitation for 2018**

13:00 **Lunch**

13:30 **Feedback and discussion with the organizers**

GENERAL INFORMATION

The ESE Summer School has a long-standing tradition as an interactive hormone-, metabolism- and endocrine-related brainstorming event and meeting place between researchers in academia, industry and clinicians.

For 2017 the meeting venue had to be relocated to the small island Schwanenwerder located in the Wannsee, one of the major lakes of Berlin, because the traditional location of this summer school near Bregenz, Austria, the Monastery Mehrerau is undergoing a major reconstruction during the summer months of 2017.

The Evangelische Bildungsstätte auf Schwanenwerder can house up to 62 guests, participation will be confirmed on first come - first serve basis. An overflow hotel has been reserved in walking distance. Please note that the Summer School is being held during a busy summer season in Berlin – therefore alternative accommodations may be difficult to obtain.

Deadline for registration and payment is July 15, 2017!

PARTICIPATION FEES

<u>Registration</u>	<u>Accommodation double room & board 4 days</u>	<u>Total</u>
Senior Scientists € 250.00	+ € 400.00	= € 650.00
Students/Postdocs € 120.00	+ € 340.00	= € 460.00

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 400.00 EUR for senior scientists and 340.00 EUR for students and postdocs. The accommodation costs include 4 nights' accommodation (arrival: July 30th, departure: August 3rd). If you want to share your room with a certain person who is already registered for the conference, you can do so by contacting EndoScience johrendt@endoscience.de. Additional nights have to be paid on your own and need to be confirmed by EndoScience.

In case of accommodation outside the Evangelische Bildungsstätte auf Schwanenwerder full board has to be booked extra on-line.

For accompanying persons: if you want to share a double room please contact Endoscience

Generous meeting/travel grants are provided by the European Society of Endocrinology (ESE) and also the Deutsche Gesellschaft für Endokrinologie (DGE).

Applications for travel/meeting grants need to be submitted directly to either 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.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/mitglied-werden.php>) 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, 2017** 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, 2017, total refund (excluding the administrative fee). After July 10, 2017 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 beautiful Schwanenwerder island and its surroundings invite 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)
 - Deutsche Diabetes Gesellschaft (DDG)
 - German national consortium SKELMET
 - DFG KFO 218 & SPP 1629 ThyroidTransAct, Charité Berlin
 - EnForCé, Berlin
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Travel information

By air:

Arriving at Airport Tegel:

- Take the express bus X9 (direction S+U Zoologischer Garten) from the airport to S+U Zoologischer Garten
- Change to S7 (direction S Potsdam Hbf) to S Nikolassee
- From station S Nikolassee, a shuttle bus will take you to the meeting venue

Arrival at Airport Schönefeld

- Take the express bus X7 (direction U Rudow) from the airport to U Rudow
- Change to U7 (direction S+U Rathaus Spandau) to S+U Yorkstraße
- Change to S1 (direction S Wannsee) to S Nikolassee
- From station S Nikolassee, a shuttle bus will take you to the meeting venue

By train:

Arrival at Berlin Hauptbahnhof:

- Take the S7 (direction S Potsdam Hbf) to S Nikolassee
- From station S Nikolassee, a shuttle bus will take you to the meeting venue

By local public transport:

- Take S7 (direction S Potsdam Hbf) or S1 (direction S Wannsee) to S Nikolassee
- From station S Nikolassee, a shuttle bus will take you to the meeting venue

By car:

- A115 (AVUS), take exit 'Spanische Allee' ⇒ Wannseebadweg ⇒ Inselstraße 27-28, 14129 Berlin

➤ Please see map at: <http://www.berlin-schwanenwerder.de/kontakt/anfahrt/>