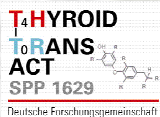


ESE SUMMER SCHOOL ON ENDOCRINOLOGY 2018



EnForCé



SKELMET
dresden, juel, munchen, wuerzburg



Main Topics 2018:

- Adrenal Endocrinology
- Interactions between the endocrine and the immune system
- Trace elements, minerals and the endocrine system
- ThyroidTransAct Session
- Endocrinology of Puberty
- Methods, Techniques, Models

Sunday, July 15th – Thursday, July 19th, 2018

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 & 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. |
| Representatives of YARE & EYES: | Rahel Büttler, Lohr/Main; Luís Cardoso, Coimbra; Eva Coopmans, Rotterdam; Milena Doroszko, Uppsala; Julia Münzker, Leipzig; Julian Undeutsch, Boston |
| Format & curricular elements: | Plenary lectures, Group work breakout sessions, 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 E-mail: elke.abdel-karim@charite.de |
| 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=summerschool2018 |

CONFERENCE PROGRAM

SUNDAY, 15 JULY 2018

15:00



... AND INTRODUCTION OF PARTICIPANTS

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

START-UP SESSION

Chairperson: Josef Köhrle, Berlin, Germany

16:30

Opening Lecture

Monogenic obesity – new treatment options for rare obesity forms

Peter Kühnen, Berlin, Germany

17:45

Poster Session 1: Short presentations (3 min.) in front of posters

Chairperson:

NN

19:00

Dinner

MONDAY, 16 JULY 2018

Morning Session 1: YOUNG INVESTIGATORS SESSION 1

(ORGANIZED BY EYES & YARE)

METHODS, TECHNIQUES, MODELS IN ENDOCRINOLOGY I

Chairperson:

NN

Coordination:

Rahel Büttler, Lohr/Main; Luis Cardoso, Coimbra; Eva Coopmans, Rotterdam;
Milena Doroszko, Uppsala; Julia Münzker, Leipzig; Julian Undeutsch, Boston

08:15

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

10:00

Refreshments

10:15

Strategies of NGS and single cell sequencing in 2018

Ramy Elgendy, Uppsala, Sweden

11:00

Bioinformatics analysis of NGS data

NN

11:45

Fate decision in mesenchymal stem cell differentiation

Ann-Kristin Picke, Ulm, Germany

12:30

Lunch

Sports and Fun

15:15 Parallel Session 2: Group work breakout session

- A 1 How to make big data look good**
Milena Doroszko & Ramy Elgendy, Uppsala, Sweden
- B 1 How to make thyroids from hiPSCs**
Julian Undeutsch, Boston, USA
- C 1 Adrenal development and regeneration**
Gary D. Hammer, Ann Arbor, USA

16:15 Coffee & Tea Break

Afternoon Session 3: Thyroid hormone status, actions and analytics
ThyroidTransAct DFG Priority Program 1629 Session

Chairperson: Heike Biebermann, Berlin, Germany

16:45 A transgenic mouse model for detection of thyroid hormone action in tissues
Petra Mohácsik, Budapest, Hungary

17:30 Age and sex as determinants of human thyroid hormone status
Dagmar Führer, Essen, Germany

18.15 Molecular and Translational Research in Endocrinology – Clinical Phenotyping and Molecular Analysis
Krishna Chatterjee, Cambridge, United Kingdom

19:00 Supper

20:30 Poster Session 2: Short presentations (3 min.) in front of posters

Chairperson: NN

TUESDAY, 17 JULY 2018

Morning Session 4: Interactions between the endocrine and the immune system

Chairperson: NN

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

09:00 Macrophage control of human adipocyte mitochondrial bioenergetics
Michaela Keuper, Stockholm, Sweden

09:45 Adipocyte-Macrophage cross-talk in obesity
A.Basak Engin, Ankara, Turkey

10:30 Coffee & Tea Break

Morning Session 5: Adrenal Endocrinology 1

Chairperson: NN

- 11:00** **Management of Pheochromocytoma**
Anne-Paule Gimenez-Roqueplo, Paris, France
- 11:45** **Adrenal tumors – molecular basis and targeted therapy**
Felix Beuschlein, Zürich, Switzerland
- 12:30** **Lunch**

Sports and Fun

15:15 Parallel Session 6: Group work breakout session

- A 2** **How to make big data look good**
Milena Doroszko & Ramy Elgendy, Uppsala, Sweden
- B 2** **How to make thyroids from hiPSCs**
Julian Undeutsch, Boston, USA
- C 2** **Adrenal development and regeneration**
Gary D. Hammer, Ann Arbor, USA

16:00 **Coffee & Tea Break**

Afternoon Session 7: Adrenal Endocrinology 2

Chairperson: NN

- 16:30** **Adrenal development (stem cells, zonation, function)**
Gary D. Hammer, Ann Arbor, USA
- 17:15** **Cytochrome P450 enzymes and adrenal steroid hormone metabolism**
Lina Schiffer, Birmingham, United Kingdom
- 18:00** **Dynamics of the adrenal steroidogenic system**
Stafford Lightman, Bristol, United Kingdom
- 19:00** **Supper**

WEDNESDAY, 18 JULY 2018

Morning Session 8: Trace elements, minerals and the endocrine system: Calcium, Phosphate & Bone

Chairperson: NN

- 08:00** **Joint sports activities (Volleyball, Badminton, Swimming)**
- 09:00** **Calcium and vitamin D metabolism**
Inez Schoenmakers, Norwich, United Kingdom
- 09:45** **Phosphate (Phosphatonins, Hypophosphatasia, Bone)**
Franz Jakob, Würzburg, Germany
- 10:30** **Coffee & Tea Break**

11:00 **Influence of cross sex hormone treatment on bone**
Mariska Vlot, Amsterdam, The Netherlands

11:45 **Parallel Session 9: Group work breakout session**

D 1 **Endocrinologic risk factors in breast carcinoma**
A. Basak Engin, Ankara, Turkey

E 1 **Hormonal regulation of iron homeostasis**
Sophie Vaultont, Paris, France

F 1 **The exciting world of steroid hormone analytics**
Lina Schiffer, Birmingham, United Kingdom

12:45 **Lunch**

Sports and Fun

15:00 **Parallel Session 10: Group work breakout session**

D 2 **Endocrinologic risk factors in breast carcinoma**
A Basak Engin, Ankara, Turkey

E 2 **Hormonal regulation of iron homeostasis**
Sophie Vaultont, Paris, France

F 2 **The exciting world of steroid hormone analytics**
Lina Schiffer, Birmingham, United Kingdom

16:00 **Coffee & Tea Break**

Afternoon Session 11: Trace elements, minerals and the endocrine system: Iodine & Iron

Chairperson: **NN**

16:30 **Iodine (Deficiency, Excess, AITD, Pregnancy)**
Leonidas Duntas, Athens, Greece

17:15 **Iron (Hemoproteins, CYPs, Hpcidin)**
Sophie Vaultont, Paris, France

18:30 **Supper**

20:00 **Poster Session 3: Short presentations (3 min.) in front of posters**

Chairperson: **NN**

THURSDAY, 19 JULY 2018

Morning Session 12: YOUNG INVESTIGATORS SESSION 2 (ORGANIZED BY EYES & YARE) Endocrinology of Puberty

Chairperson: NN

Coordination: Rahel Büttler, Lohr/Main; Luis Cardoso, Coimbra; Eva Coopmans, Rotterdam;
Milena Doroszko, Uppsala; Julia Münzker, Leipzig; Julian Undeutsch, Boston

08:15 Morning Sports

09:15 Refreshments

09:30 Precocious puberty in girls – molecular and clinical aspects
Alexander Busch, Copenhagen, Denmark

10:15 Sertoli cell development in puberty: lessons from congenital cryptorchidism
Jaakko Koskinniemi, Turku, Finland

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 2019

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 2018, 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 Monastery Mehrerau near Bregenz, Austria, is undergoing a major reconstruction.

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 June 30, 2018!

| PARTICIPATION FEES | <u>Registration</u> | <u>Accommodation double room & board 4 days</u> | <u>Total</u> |
|---|----------------------------|--|---------------------|
| Students / Postdocs (first 3 years after degree, written proof of status required) | | | |
| ESE Member | € 130 | € 380 | € 510 |
| NON-Member | € 160 | € 380 | € 540 |
| Senior Scientists & MD (with employment) | | | |
| ESE Member | € 250 | € 440 | € 690 |
| NON-Member | € 310 | € 440 | € 750 |

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 440.00 EUR for senior scientists and 380.00 EUR for students and postdocs. The accommodation costs include 4 nights accommodation (arrival: July 15th, departure: July 19th). 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).

Further benefits of ESE membership (<https://www.ese-hormones.org/about-us/membership/membership-fees>):

Free online access to all five ESE journals for Ordinary Members of ESE, Significantly reduced registration fees to all ESE meetings, Eligibility to receive ESE travel and meeting grants,

For Students/Postdocs only: For those students/postdocs who present posters, registration fee will be refunded upon active participation. Poster size: portrait format, 80 cm width, 110-115 cm height.

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 credit card only (no cash payments of registration, room and boarding fees on site possible!) 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 June 30, 2018, total refund (excluding the administrative fee). After June 30, 2018 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.

Sponsors & Support

Learned Societies and Network Grants:

- European Society of Endocrinology (ESE)
- Deutsche Gesellschaft für Endokrinologie (DGE)
- Deutsche Diabetes Gesellschaft (DDG)
- German National Consortium SKELMET
- DFG SPP 1629 ThyroidTransAct, Charité Berlin
- EnForCé, Berlin

Pharmaceutical & Diagnostic Industries:

- Ipsen Pharma GmbH
- SHIRE
- HRA Pharma
- Novartis

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/>