



33. Arbeitstagung Experimenteller Schilddrüsenforschung (AESF)

25. - 27. Januar 2018, Berlin

Charité Universitätsmedizin Berlin

Institut für Experimentelle Endokrinologie, CVK

&

Institut für Experimentelle Pädiatrische Endokrinologie, CVK

IEÉ

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IEPE Institut für Experimentelle
Pädiatrische Endokrinologie

CHARITÉ
UNIVERSITÄTSMEDIZIN BERLIN

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ACT**
SPP 1629
Deutsche Forschungsgemeinschaft

Wissenschaftliche Organisation und Leitung

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Lokale Organisation

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Tagungsort

Veranstaltungssaal Restaurant „Lindengarten“

Nordufer 15, 13353 Berlin

(nahe Campus Virchow-Klinikum der Charité)

Preliminary Program

Thursday, January 25

Method Workshop

Standardization of Thyroid Hormone analytics: Immunoassays vs. LC-MS/MS

Katleen Van Uytfanghe, Ghent University, Belgium

Newborn screening for Congenital Hypothyroidism – It's not the tool that matters

Oliver Blankenstein, Charité Berlin, Germany

How to study functions of mutated TRs

Karn Wejaphikul, Erasmus Medical Center, Rotterdam

How to study thyroid hormone action in the heart

Helena Rakov, University of Essen, Germany

Thyroid on a chip

Özlem Vural, TU Berlin, Germany (invited)

Schilddrüsenultraschall

Walter Staebelin, Berlin, Germany

Friday, January 26 & Saturday 27

Oral presentation sessions by young basic, translational and clinical thyroid researchers and invited lectures

Session "Thyroid hormones, stem cells, organ development, and disease"

Frogs are just little people that hop

Laurent Sachs, Sorbonne University, Paris, France

Zebrafish as model for thyroid research

Robert Opitz, Charité, Berlin, Germany

Thyroid stem cells

Kostja Renko, Charité, Berlin

Organoids for thyroid research

David Sebinger, Charité, Berlin (invited)

Thyroid & Heart: miRNAs, DIO3 and cardiac remodeling

Warner S. Simonides, VU University Medical Center, Amsterdam, Netherlands (invited)

Session “Thyroid cancer – molecular basis, new drugs and treatment paradigms”

The role of TSH in Thyroid Cancer

Kristien Boelaert, Birmingham, UK

Thyroid Cancer and mouse models

Sören Latteyer, Essen, Germany

Session “Thyroid autoimmunity – pathogenesis, prevention, diagnostics, treatment”

Autoimmune thyroid disease - the tallest tree in the forest of polyautoimmunity

Sophie Bliddal, Copenhagen University Hospital, Denmark

Thyroid hormones, Trace Elements and Autoimmunity

Lutz Schomburg, Charité Berlin, Germany

AITD in pediatric patients

Heiko Krude, Charité Berlin, Germany (invited)

Further topics for submitted presentations:

- **Genetics of thyroid-related disease**
- **Novel trends in thyroid hormone synthesis and action**
- **The role of nuclear medicine in thyroid-related diagnostics and treatment**
- **Thyroid surgery in 2018**
- **Thyroid disease in clinical practice and epidemiology**

Submitted oral presentations will be included in these sessions! Please provide title and presenting author(s) at latest by **January 7**, 2018! (No abstracts needed !)

Bisher angemeldete Beiträge (Stand 22.12.17)

Comprehensive metabolic profiling reveals a lipid-dominated fingerprint of free thyroxine far beyond classical parameters

Maik Pietzner, Greifswald

Sex-Dependent Gallstone Formation under Hypothyroidism

Irina Kube, Essen

Influence of thyroid hormones on myocardial infarct size and functional recovery in mouse heart

Janina Gassen, Essen

Targeting Claudin-1-overexpressing thyroid cancer by modified Clostridium perfringens enterotoxin

Anna Piontek, FMP Berlin

No registration fee, some gravel grants may be awarded!