

TTA-IC 2019 Berlin, Germany

Second International Meeting of the Priority Program SPP1629, DFG

Thyroid Trans Act asks "What defines healthy and diseased thyroid function?"

www.thyroidtransact.de/conference

Venue: Berlin-Brandenburgische Akademie der Wissenschaften, Gendarmenmarkt, Berlin, Germany



Thursday, June 27, 2019 (17:00-21:00)

- 17:00 – 17:10 Welcome and Introduction of the SPP 1629: **Dagmar Führer, Klaudia Brix, Heike Biebermann**
- 17:10 – 17:40 **Henry Völzke**, Greifswald, Germany: Thyroid Function, Reference Ranges and Clinical Endpoints in 2019
- 17:40 – 18:00 **Josef Köhrle**, Berlin, Germany: Off the Beaten Path – Analytics of the Thyronome
- 18:00 – 18:10 **Heike Biebermann**, Berlin, Germany: Thyronamine Networks in Neuromodulation
- 18:10 – 18:50 **Riccardo Zucchi**, Pisa, Italy: Central Nervous System Effects of Thyronamines and Derivatives
- 18:50 – 19:10 **Uwe Völker**, Greifswald, Germany: Biomarkers of Thyroid States – an Ongoing Journey
- 19:10 – 21:00 *Welcome Function: Roof Deck / Dach-Terrasse*

Friday, June 28, 2019 (09:00-18:00)

- 9:00 – 9:20 **Heiko Krude**, Berlin, Germany: The Allan Herndon Dudley Syndrome – Paradigm Shift and Clinical Challenges
- 9:20 – 9:40 **Heike Heuer**, Essen, Germany: Mct8 Deficiency: Insights from Mouse Mutants
- 9:40 – 10:20 **W. Edward Visser**, Rotterdam, The Netherlands: T₃ Analog Therapy for MCT8 Deficiency
- 10:20 – 10:50 *Break*
- 10:50 – 11:30 **Frédéric Flamant**, Lyon, France: Thyroid Hormone Receptor Alpha and Brain Development: from Mouse Models to Target Genes
- 11:30 – 12:10 **Krishna Chatterjee**, Cambridge, UK: Resistance to Thyroid Hormone Alpha
- 12:10 – 12:30 **Lars C. Moeller**, Essen, Germany: Non-Canonical Thyroid Hormone Action in Physiology and Pathophysiology
- 12:30 – 14:00 *Lunch Break & Poster Session*
- 14:00 – 14:40 **Anita Boelen**, Amsterdam, The Netherlands: Local Thyroid Hormone Metabolism During Inflammation – the Role of Innate Immune Cells
- 14:40 – 15:00 **Dagmar Führer**, Essen, Germany: Age and Gender as Determinants of Systemic and Organ Specific Thyroid Hormone Function
- 15:00 – 15:40 **Graham R. Williams**, London, UK: Skeletal Effects of Thyroid Hormones
- 15:40 – 16:00 **Anna Göbel**, Lübeck, Germany: Brain Imaging as a Tool to Study Central Thyroid Hormone Action
- 16:00 – 16:30 *Break*
- 16:30 – 16:50 **Martina Rauner**, Dresden, Germany: Bone Imaging to Assess Thyroid Hormone Action
- 16:50 – 17:00 **Klaudia Brix**, Bremen, Germany: Imaging of the Mouse Thyroid Gland as a Phenotyping Tool
- 17:00 – 17:10 **Denise Zwanziger**, Essen, Germany: Role of Thyroid Hormone in Gallstone Formation
- 17:10 – 17:20 **Christine Spitzweg**, München, Germany: Thyroid Hormone Action in Mesenchymal Stem Cell Biology
- 17:20 – 18:00 **Balázs Gereben**, Budapest, Hungary: Tissue-Specific Thyroid Hormone Economy: Lessons from the Thyroid Hormone Action Indicator Mouse
- 18:00 – 18:30 *Transfer*
- 18:30 – 22:30 *Networking*

Saturday, June 29, 2019 (09:00-12:30)

- 9:00 – 9:10 **Gerd Krause**, Berlin, Germany: Structural Characterization of Thyroid Hormone Transporters
- 9:10 – 9:30 **Ulrich Schweizer**, Bonn, Germany: Structural Characterization of Deiodinases
- 9:30 – 9:50 **Helge Müller-Fielitz**, Lübeck, Germany: The Role of Tanycytes in Modulation of the HPT-Axis
- 9:50 – 10:00 **Kerstin Krause**, Leipzig, Germany: White Adipose Tissue Imaging to Assess Thyroid Hormone Action
- 10:00 – 10:40 **Paul M. Yen**, Singapore, SG: Thyroid Hormone Action in Energy Metabolism
- 10:40 – 11:00 *Break*
- 11:00 – 11:20 **Jens Mittag**, Lübeck, Germany: Central and Peripheral Thyroid Hormone Action - Both Matter for Cardiovascular and Thermoregulatory Functions
- 11:20 – 11:30 von Basedow-Prize 2014 **Eva K. Wirth**, Berlin, Germany: Hypothalamic Thyroid Hormone Handling Determines Torpor Induction
- 11:30 – 11:40 von Basedow-Prize 2016 **Sebastian Hönes**, Essen, Germany: TR α GS and TR β GS Mice Demonstrate Physiological Relevance of Non-Classical Thyroid Hormone Action
- 11:40 – 11:50 von Basedow-Prize 2018 Lisbeth Harder, presented by **Jens Mittag**, Lübeck, Germany: Maternal Thyroid Hormone Is Required For Hypothalamic Parvalbumin Neurons
- 11:50 – 12:00 von Recklinghausen Prize 2018 **Franziska Lademann**, Dresden, Germany: Lack of the Thyroid Hormone Transporter Mct8 in Osteoblast and Osteoclast Progenitors Increases Trabecular Bone in Male Mice
- 12:00 – 12:10 von Basedow-Prize 2019 **Kornelia Johann**, Lübeck, Germany: Thyroid Hormone Induced Browning of White Adipose Tissue Does Not Contribute to Thermogenesis and Glucose Consumption
- 12:10 – 12:20 von Basedow-Prize 2019 **Daniela Geist**, Essen, Germany: Rapid Vasodilation is a Physiological Effect of Non-Canonical TR α Action
- 12:20 – 12:30 Closing Remarks: **Dagmar Führer, Klaudia Brix, Heike Biebermann**
- 12:30 – 13:00 *Farewell: Roof Deck / Dach-Terrasse*

