

Arbeitstagung Experimentelle Schilddrüsenforschung AESF 2019,

26.-27. June, Berlin (Lindengarten, close to Campus CVK)

(Workshop Meeting Experimental Thyroid Research) - Preliminary Programme Draft2

Speaker [invited](#) / [confirmed](#) / [denied](#)

Wednesday, 26th June

Session 1: Methods Workshop 11:00 – 13:00

- 11.00-11.20 [Jean-Baptiste Fini](#), Paris, F: In vivo testing of EDC using *Xenopus laevis* tadpoles
- 11.30-11.50 [Louise Ramhøj](#), Copenhagen, DK: Rats as a classical model to study environmental disruption of the thyroid hormone axis – ‘heterotopia’ as a novel biomarker?
- 12.00-12.20 [Valeria Fernandez-Vallone](#), Berlin: Thyroid stem cells and generation of follicles in vitro
- 12.30-12.50 [Patrick Marcinkowski](#), Berlin: How to develop small TSHr antagonists

Speakers must let 10 min discussion time between talks!

Lunch-break 13:00 – 14:00

Session 2, 14.00-16.00

8 Short oral presentations all topics, 10 min presentation, 5 minutes discussion

Coffee break 16.00-16.30

Session 3, Main Topic 1: Thyroid gland – Structure, Cell Biology, Function -TSH-Receptor, Thyroglobulin, Primary Cilia – key events in TH biosynthesis, storage and secretion, 16.30-19.00

- 16.30-16.50 [Gerasimos P. Sykiotis](#), Lausanne, CH: Roles of the Keap1/Nrf2 antioxidant response pathway in thyroid physiology and pathophysiology
- 17.00-17.20 [Ewa Pochec](#), Krakow, PL: Vital Glycosylation of thyroid hormone axis components
- 17.30-17.50 [NN](#)

Speakers must let 10 min discussion time between talks!

Session 4, 18.00-19.00

4 Short oral presentations all topics, 10 min presentation, 5 minutes discussion

19.30 -- Social Network Evening

Thursday, 27th June

Session 5, Main Topic 2: Thyroid hormone action and disruption

- 9.00-9.20 **Vincent Laudet**, Lyon, F: Evolution of the Thyroid Hormone System
- 9.30-9.50 **Panagiotis Filis**, Aberdeen, Scotland: Nutritional and environmental disruption of human thyroid hormone axis & development
- 10.00-10.20 **Maik Pietzner**, Cambridge & Greifswald: OMICs thyroid hormone research
- 10.30-10.50 **Eva Bay Wedebye**, Lyngby, DK: Large scale QSAR modelling of REACH and EDC compounds

Speakers must let 10 min discussion time between talks!

Session 6, 11.30-13.00

4 Short oral presentations all topics, 10 min presentation, 5 minutes discussion

Lunch-break 12:30 – 13:30

Session 7. Main topic 3: Thyroid research from patients to populations, 11.00-13.00

- 13.30-13.50 **Heiko Krude**, Berlin: Dose finding in T4 treatment of congenital hypothyroidism
- 14.00-14.20 **Peter Goretzki**, Berlin, Germany: Thyroid surgery - present developments and which problems clinicians want to be solved by You
- 14.30-14.50 **Lars Möller**, Essen Germany: Thyroid cancer patients.

Speakers must let 10 min discussion time between talks!

15.00 End of meeting, Transfer to TTA International Conference 2019 TTA-IC 2019,

Berlin-Brandenburgische Akademie der Wissenschaften

Outline of the meeting:

Apart from invited speakers participants will present their research project outlines, work in progress and work ready to publish in short oral presentations (10-20 min). No abstracts are required! Only the names of the presenting author and research team members. All areas of analytical, basic, translational and clinical research related to the thyroid hormone axis, thyroid hormone action and clinical aspects including surgery, cancer and autoimmunity will be covered. Presentation by young team members are preferred.

Applications for travel and meeting grants for young investigators can be made to the DGE (<https://www.endokrinologie.net/mitglied-werden.php>). A limited number of meeting grants will be available depending on sponsorship raised for this meeting.