



Andy Warhol, 1980; St. Annen Museum/Lübeck

## 22. Arbeitstagung Experimenteller Schilddrüsen-Forschung (AESF)

8. "Lübecker Weihnachtsmarkt"

06. - 08. Dezember 2007

Im Bürgerschaftssaal des Lübecker Rathauses

Veranstaltung von:



**Campus Lübeck**  
**Medizinische Klinik I**  
Direktor: Prof. Dr.med. Hendrik Lehnert



Organisiert von:



Gemeinnütziger Verein für  
klinische, experimentelle, molekulare Endokrinologie

Wissenschaftliche Leitung:

Prof.Dr.rer.nat. Wolfgang Höppner  
Hamburg

Dr.rer.nat. Erzsébet Gáspár  
Lübeck

Dr.rer.nat. Björn E. Wenzel  
Lübeck

**Thursday Dec. 6**

**Teaching Seminar**

- 16:30 „Epigenetics“  
Reinhard Damman/Gießen
- 16:45 „PCR problems and Pitfalls“  
Onno Bakker/Amsterdam

**19:00 – 21:00** „Brauberger“, Get together

**Friday, Dec. 7**

**8:30**

**Opening of the AESF2007**

Hon. **Peter Sünnewold**, Präsident der Bürgerschaft der Hansestadt Lübeck

**1<sup>st</sup> Session** 8:45 – 11:00

Chair and Welcome **Björn E. Wenzel**

- 9:00 **Bernard REES SMITH**/Cardiff  
„Crystallisation and autoantigen definition of the TSH-Receptor“
- 9:45 **Robert Opitz**/Potsdam  
„The beauty of comparative thyroid endocrinology“
- 10:30 **Claudia Lorenz**/Potsdam  
„Ex vivo Analysis of TSH-dependent Gene Expression in Amphibian  
Thyroid Glands“

**Coffee break** 11:00 - 11:30

**2<sup>nd</sup> Session** 11:30 – 12:30

Chair: **Onno Bakker**/Amsterdam

- 11:30 **Balázs Gereben**/Budapest  
„Thyroid hormone metabolism via deiodination: local action, general  
consequences“
- 12:00 **Orsolya Dohan**/Budapest  
„The Na<sup>+</sup>/I<sup>-</sup> symporter (NIS) transports two of its substrates,  
I<sup>-</sup> and ClO<sub>4</sub><sup>-</sup>, with different stoichiometries“

**Lunch** 12:30 – 14:00

**3<sup>rd</sup> Session** 14:00 – 15:15

Chair: **Erzsébet Gáspár**/Lübeck

- 14:00 **Eniko Bodo**/Lübeck  
„Hypothalamic-pituitary-thyroid (HPT) axis in the skin and its appendages“
- 14:30 **Benedikt Kany** /Lübeck  
„The HPT- Axis in human skin: TSH production and regulation“
- 14:45 **Celine Hardenbicker**/Lübeck  
„TRH affects pigmentation and growth stage of the human hair follicle“
- 15:00 **Nina van Beek**/Lübeck  
„Thyroid hormones stimulate pigmentation and energy metabolism of  
human hair follicles“

**Fri, Dec. 7, continued**

**4<sup>th</sup> Session:** 15:15 – 16:00

Chair: **Orsolya Dohan/Budapest**

- 15:15                    **Michael Willhauck/München**  
*“The Natrium/Iodid-Symporter as a diagnostic and therapeutic target gene of hepato-carcinoma”*
- 15:30                    **Henry Leonhard/Dresden**  
*„Treatment of postoperative lymphoedema with sodium selenite-induction of lymphangiogenesis with VEGF?“*
- 15:45                    **Prasad T. Oommen/Lübeck**  
*“Comorbidity of Hashimoto`s thyroiditis and differentiated thyroid cancer in children and adolescent”*

**Cofee break 16:00 – 16:30**

**5<sup>th</sup> Session:** 16:00 – 18:00

Chair: **Martina Bröker/Eszen and Cuong Hoang-Vu/Halle**

- 16:00                    **Bogusz Trojanowicz/Halle**  
*„AUF1 and Thyroid Carcinoma“*
- 16:15                    **Martin Munteanu/Eszen**  
*“Expression of IGF1 receptors and inhibition of IGF1 receptor-dependent pathways in thyroid carcinoma cells”*
- 16:30                    **Anja Redmann/Eszen**  
*“Inhibition of thyroid carcinoma cells by sorafenib is independent of the presence of BRAF mutations”*
- 16:45                    **Carl Weidinger/Leipzig**  
*“FOXOs and thyroid tumor genesis”*
- 17:00                    **Susanne Piehl/Berlin**  
*„New insights into thyronamine biosynthesis“*
- 17:45                    **Kerstin Krause/Leipzig**  
*“Application of DIGE for the functional proteome analysis in FRTL-5 cells”*

**20:00 Werkhof**

**Night Session:** *“Round and long tables; Search for consensus; The sound of Science”*

**Saturday, Dec. 8**

**6<sup>th</sup> Session** 9:00 – 10:45

Chair: **Wolfgang Höppner/Hamburg**

- 9:00                    **Peter Goretzki/Neuss**  
*“Molecular Pathology of Calcium-Sensing-System in the Thyroid Gland”*
- 9:45                    **Christofer Juhlin/Stockholm**  
*„Primary hyperparathyroidism – underlying genetic and molecular events“*
- 10:15                   **Felix Haglund /Stockholm**  
*„Parathyroid tumorigenesis: The Wnt pathway and the Genotype/Phenotype correlation“*

Sat., Dec.8, contin.

10:30 **Round Table**  
Chair: **Peter Goretzki/Neuß**

**Cofee Break** 11:00 – 11:30

**7<sup>th</sup> Session** 11:45 – 12:45  
Chair: **Dagmar Führer/Leipzig**

11:30 **Thea Strieder** /Amsterdam  
*„Thyroid Events Amsterdam ( THEA ) , prediction score of a 5 years prospective study for thyroid autoimmunity“*

12:15 **Thomas Brix**/Odense  
*„Too early to dismiss Yersinia enterocolitica infection in the aetiology of Graves' disease. Evidence from a twin case-control study“*

12:30 **Björn E. Wenzel**/Lübeck  
*„Thyroid Autoimmunity and Yersiniology go strong in it's 4<sup>th</sup> decade“*

**Lunch**

Local organisation: Angela Oldörp; Sylvia Grammerstorf-Rosche; Detlev Schult  
on siteTel.: 0170-210 78 55

Venue: Rathaus der Hansestadt Lübeck, Bürgerschaftssaal

Sponsors: **Margarete Markus Foundation; London. UK; MMMG2000**

