

- Programm -

11. Treffen der Arbeitsgruppe Dermato-Endokrinologie (ADE) der Arbeitsgemeinschaft Dermatologische Forschung (ADF) der Deutschen Dermatologischen Gesellschaft (DDG)

Mittwoch, 29.02.2012
Marburg

Hörsaal im
Institut für Pharmazeutische Biologie und Biotechnologie
Am Alten Botanischen Garten
Deutschhausstraße 17a
35037 Marburg

<http://www.uni-marburg.de/fb16/ipbb/anschrift>

Die Konferenz-Sprache ist Englisch/Deutsch *
[The Conference will be held in English/German]**

Mit freundlicher Unterstützung von
ASATONA AG, Beiersdorf AG, BIOZOL Diagnostica Vertrieb GmbH, Dr. August Wolff
GmbH, DSM Nutritional Products Ltd., Miltenyi Biotec GmbH

***** There was a majority vote for the following regulation:**

Die Vortragsdias sollen auf Englisch erstellt werden. Wer deutschsprachig ist, kann den Vortrag auf Deutsch oder Englisch halten. Die Diskussion wird dann in der vom Vortragenden gewählten Sprache gehalten. Wer selbst nur Englisch spricht, kann alles auf Englisch halten.

[The slides of the talk should be in English; German-speaking presenters can make the oral presentation of the talk in German or English. The discussion is then in the language, the presenter has chosen for his talk. Who only speaks English can make everything in English.]

09.00: Welcome: Tobias Fischer (Sprecher der ADE)
Evgenia Makrantonaki (Vize-Sprecherin der ADE)

09.10: Low serum 25-hydroxyvitamin D concentrations are associated with increased risk for melanoma and unfavourable prognosis (10 + 5 min)

J. Reichrath¹

¹ University of Saarland, Department of Dermatology, Venereology and Allergology, Homburg, Germany

09.25: Analysis of the putative association of genetic variants of key components of the vitamin D endocrine system (vitamin D receptor, vitamin D binding protein, CYP27B1, CYP24A1) with melanoma risk and prognosis (7 + 3 min)

J. Reichrath¹

¹ University of Saarland, Department of Dermatology, Venereology and Allergology, Homburg, Germany

09.35: Inhibition of subtilisin-kexin isozyme-1, a member of the prohormone convertase family, induces apoptosis of human melanoma cells (15 + 5 min)

N. Weiß¹, A. Kokot¹, T. A. Luger¹, C. Weishaupt¹, M. Böhm¹

¹ University of Münster, Department of Dermatology, Münster, Germany

09.55: Differential effects of high glucose on human keratinocytes and fibroblasts and the impact of KdPT on glucotoxicity (7 + 3 min)

P. Gkogkolou¹, T. A. Luger¹, M. Böhm¹

¹ University of Münster, Department of Dermatology, Münster, Germany

10.05: UVB triggers the NALP1 inflammasome and S100 'alarmins' for IL-1 beta release in epidermal keratinocytes (7 + 3 min)

S. Zwicker¹, D. Bureik¹, T. Ruzicka¹ and R. Wolf¹

¹ Department of Dermatology and Allergology, Ludwig-Maximilian-University Munich, Munich, Germany

10.15: Guest Lecture I

**"The Breast as an endocrine Organ"
Prof. Dr. Ferdinando Mannello, Urbino, Italy**

*Professor of Cell Biology and Diagnostic Molecular Pathology
Faculty of Sciences and Technologies
Department of Biomolecular Sciences
Section of Clinical Biochemistry, Unit of Cell Biology
University "Carlo Bo"
Urbino (PU)
Italy
(30 + 15 min)*

11.00 - 11.20: Kaffeepause

11.20: Regulation of sebocyte proliferation and lipogenesis by the EGFR ligand epigen (10 + 5 min)

M. Dahlhoff¹, C.C. Zouboulis², M.R. Schneider^{1,2}

¹ Institute of Molecular Animal Breeding and Biotechnology, Gene Center, LMU Munich, Germany; ² Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany

11.35: Macrophage-activating lipopeptide 2 regulates the stearoyl-CoA desaturase/fatty acid desaturase 2 proinflammatory signalling in human SZ95 sebocytes (10 + 5 min)

C.C. Zouboulis¹, S. Angres¹

¹ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany

11.50: Effects of the combination of vitamin D and calcium in SZ95 sebocyte regulation (7 + 3 min)

H. Seltmann¹, G. Nikolakis¹, K. Dessinioti¹, G. Menon¹, C.C. Zouboulis¹

¹ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany

Lunch: 12.00 - 13.45

13.45: Cortisol and Brain Derived Neurotrophic Factor levels are altered by exam stress: consequences for tissue regeneration in healthy young women (10 + 5 min)

E.M.J. Peters^{1,2}, C. Liezmann^{1,2}, W. Snaga¹, J. Kruse², T. Schmidt-Rose³, H. Max³, D. Schweiger³, B.F. Klapp^{1,2}

¹ University-Medicine Charité, CharitéCenter 12 for Internal Medicine and Dermatology, Department of Psychosomatik Medicine and Psychotherapy, Psycho-Neuro-Immunology, Berlin, Germany; ² Justus-Liebig University, Department of Psychosomatics and Psychotherapy, Psychoneuroimmunology Laboratory, Germany; ³ Beiersdorf AG, Hamburg Germany

14.00: Identification of novel caffeine target genes in human hair follicles (10 + 5 min)

T.W. Fischer¹, T. Biro², N. Kruse¹, D. Zillikens¹, R. Paus^{1,3}

¹ Department of Dermatology, Allergology and Venereology, University Hospital Schleswig-Holstein, University of Lübeck, Lübeck, Germany; ² Department of Physiology, University of Debrecen, Debrecen, Hungary; ³ School of Translational Medicine, University of Manchester, Manchester, UK

14.15: Special Topic

**“The Role of S100 “Alarmins” in Dermato-Endocrinology and Inflammation”
Priv. Doz. Dr. Ronald Wolf, München**

Department of Dermatology and Allergology, Ludwig-Maximilian-University Munich, Munich, Germany

(20 + 5 min)

14.40: Galanin and its receptors as modulators of eccrine sweat gland physiology (15 + 5 min)

B. Holub¹, B. Brodowicz¹, D. Bovell², B. Kofler¹, R. Lang³

¹ Laura Bassi Centre of Expertise THERAPEP, Research Program for Receptorbiochemistry and Tumormetabolism, Department of Pediatrics, Paracelsus Medical University, Salzburg, Austria; ² Department of Biological and Biomedical Science, Glasgow Caledonian University, United Kingdom; ³ Department of Dermatology, Paracelsus Medical University, Salzburg, Austria

15.00: Galanin is a vital activation agent for polymorphonuclear neutrophils (7 + 3 min)

S. Schmidhuber¹, A. Lang¹, J.J. McDougall³, B. Brodowicz¹, R. Lang², B. Kofler¹

¹ Laura Bassi Centre of Expertise-THERAPEP, Research Program for Receptorbiochemistry and Tumormetabolism, Department of Pediatrics; ² Department of Dermatology, Paracelsus Medical University, Salzburg, Austria; ³ Department of Physiology and Biophysics, University of Calgary, Alberta, Canada

**15.10: Verleihung des ADE Preises 2012 (gesponsort durch Vichy Laboratoires)
(5 min Kurzpräsentation des Preisträgers)**

15.25 - 15.55: Kaffeepause

15.55: Guest Lecture II

**“Thyroid Hormones and Maintenance of Homeostasis during Aging”
Prof. Dr. Barbara Demeneix, Paris, France**

*Professor and Head of the Comparative Physiology Laboratory
Head of Department, Département Régulation, Développement et Diversité Moléculaire,
Muséum National d'Histoire Naturelle,
Head of Research Unit, UMR CNRS 7221, Évolution des Régulations Endocriniennes,
Paris
France
(30 + 15 min)*

16.40: Alteration in N-glycomics during mouse aging: a role for FUT8 (10 + 5 min)

V. Vanhooren^{1,2}, S. Dewaele^{1,2}, M. Kuro-o³, N. Taniguchi⁴, L. Dolle⁵, LA. van Grunsven⁵, E. Makrantonaki^{6,7}, C. C. Zouboulis⁶, C. C. Chen^{1,2} and C. Libert^{1,2}

¹ Department for Molecular Biomedical Research, VIB, Ghent, Belgium; ² Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium; ³ Department of Pathology, The University of Texas Southwestern Medical Center at Dallas, Dallas USA; ⁴ Systems Glycobiology Research Group, Department of Chemical Biology, RIKEN Advanced Science Institute, 2-1 Hirosawa, Wako, Saitama, Japan; ⁵ Liver Cell Biology Lab, Department of Cell Biology, Vrije Universiteit Brussel (VUB), Brussels, Belgium; ⁶ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany ⁷Laboratory for Biogerontology, Dermato-Pharmacology and Dermato- Endocrinology, Institute of Clinical Pharmacology and Toxicology, Charité Universitaetsmedizin Berlin, Berlin, Germany

16.55: Microarray-based analysis to identify new genes relevant for aging in human female hair follicles (10 + 5 min)

T.W. Fischer¹, K. Kleszczynski¹, N. Kruse¹, D. Zillikens¹

¹ Department of Dermatology, Allergology and Venereology, University Hospital Schleswig-Holstein, University of Lübeck, Lübeck, Germany;

17.10: Hair follicle stem cell dynamics during spontaneous sebaceous gland regeneration and epidermal tumorigenesis (15 + 5 min)

M. Petersson¹, H. Brylka¹, A. Kraus¹, P. Schettina¹, S. John¹ and C. Niemann¹

¹ Center for Molecular Medicine Cologne (CMMC), University of Cologne

17.30: Where do human Merkel cells come from? Immunohistochemical analyses of putative progenitor cell markers and potential regulators (7 + 3 min)

T. Tilling¹, E. Wladykowski¹, P. Houdek¹, J. M. Brandner¹ and I. Moll¹

¹ Universitätsklinikum Hamburg-Eppendorf, Klinik und Poliklinik für Dermatologie und Venereologie, Hamburg, Germany

17.40: Examination of cellular processes in induced pluripotent stem cells from healthy and patient-derived human skin biopsies comparison with their corresponding parental cells. (7 + 5 min)

A. Hossini¹, E. Makrantonaki^{1,2}, C.C. Zouboulis¹

¹ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany; ² Laboratory for Biogerontology, Dermatopharmacology and Dermatoendocrinology, Institute of Clinical Pharmacology and Toxicology, Charité University Medicine Berlin, Berlin, Germany

17.50: Final remarks

18.00 - 18.20: Arbeitsgruppenbesprechung der ADE

Im Anschluss 19.00 Uhr:

Führung durch die „Alte Aula“ der Universität und Rundgang durch die historische Altstadt

Treffpunkt: Kornmarkt unter der Linde (zwischen Café Vetter und Universitätskirche / Reitgasse)

Ab 20.00 Uhr:

- **gemeinsames Abendessen**

„Gasthaus zur Sonne“ Am Markt 14, 35037 Marburg (Tel. 06421-17190)