

- Programm -

9. Treffen der Arbeitsgruppe Dermato-Endokrinologie (ADE) der Arbeitsgemeinschaft Dermatologische Forschung (ADF) der Deutschen Dermatologischen Gesellschaft (DDG) Mittwoch, 17.02.2010

Bürgerschaftssaal
Rathaus Lübeck
Breite Straße 62
(Haupteingang Rathaus)
23539 Lübeck
Tel.: 0451-122- 0

Mit freundlicher Unterstützung von
ASATONA AG, BIOZOL Diagnostica Vertrieb GmbH, Dr. Kurt Wolff GmbH, DSM
Pentapharm Ltd., Miltenyi Biotec GmbH

(Die Vorträge werden in deutscher, teils auch in englischer Sprache gehalten)

09.00: Begrüßung: Tobias Fischer (Sprecher der ADE)
Eva Peters (Vize-Sprecherin der ADE)

09.10: Impact of VDR micro RNA expression and epigenetic silencing on antiproliferative effects of 1,25-dihydroxyvitamin D3 in malignant melanoma cells.
(10 + 5 min)

S. Essa 1, N. Denzer 1, U. Mahlknecht 2, R. Klein 3, E. Collnot 4, U. Schäfer 4, W. Tilgen 1, J. Reichrath 1

1The Saarland University Hospital, Department of Dermatology, 66421 Homburg, Germany; 2The Saarland University Hospital, Innere Medizin I, 66421 Homburg, Germany; 3 Seq-It GmbH & Co.KG, 67655 Kaiserslautern, Germany; 4 Saarland University, Department of Biopharmaceutics and Pharmaceutical Technology, 66123 Saarbrücken, Germany

09.25: Cross-talk between Vitamin D- and NOTCH- signaling pathways in cultured human keratinocytes and sebocytes
(10 + 5 min)

S. Reichrath 1, C. S. Müller 2, N. Denzer 2, M. Pfreundschuh 1, J. Reichrath 2

1The Saarland University Hospital, Department of Internal Medicine I, 66421; Homburg, Germany; 2The Saarland University Hospital, Department of Dermatology, 66421 Homburg, Germany

09.40: "Hot-from-the-bench" The sebocyte-own corticotropin-releasing hormone system is an amplifier of inflammation
(15 + 5 min)

Christos C. Zouboulis^{1,2}, Ruta Ganceviciene^{2,3}, Katharina Krause², Silvia Angres², Sabine Fimmel², Stefan R. Bornstein⁴

1Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany; 2Laboratory for Biogerontology, Dermato-Pharmacology and Dermato-Endocrinology, Institute of Clinical Pharmacology and Toxicology, Charité Universitaetsmedizin Berlin, Berlin, Germany; 3Centre of Dermatovenereology, Vilnius University Hospital, Santariskiu Klinikos, Vilnius, Lithuania; 4Department of Internal Medicine, Carl Gustav Carus University Hospital, University of Dresden, Dresden, Germany

10.00: "Hot-from-the-bench" Treatment with EGFR inhibitors and accompanying skin cytotoxic effects
(10 + 5 min)

E. Makrantonaki^{1,2}, C.C. Zouboulis^{1,2}

1 Departments of Dermatology and Immunology, Dessau Medical Center, Dessau, Germany, and 2 Laboratory for Biogerontology, Dermato-Pharmacology and Dermato-Endocrinology, Institute of Clinical Pharmacology and Toxicology, Charité Universitaetsmedizin Berlin, Campus Benjamin Franklin, Berlin, Germany

10.15: Profiling the aging process: Genetics of the graying human hair follicle
(15 + 5 min)

K. Spatz 1, C. Liezmann 1, M. Daniltchenko 1, B. F. Klapp 2, R. Gräub 3, E. M. Peters 1

1 University Medicine Berlin, Campus Mitte, Charité Center 12, Internal Medicine and Dermatology, Psycho-Neuro-Immunology, Neuroscience Research Center, 10117, Berlin, Germany; 2 University Medicine, Campus Mitte, Charité Center 12, Internal Medicine and Dermatology, Department of Psychosomatic Medicine, Charité, 10117

10.35: Dissecting the role of substance P in splenic immune regulation reveals control of peripheral inflammatory processes by enhanced neuro-immune communication
(20 + 5 min)

C. Liezmann 1, M. Daniltchenko 1, S. Pavlovic 1, E. M. Peters 1

1 University-Medicine Charité, Campus Mitte, Charité Center 12 for Internal Medicine and Dermatology, Psychoneuroimmunology, 10117 Berlin, Germany

11.00: Gastvortrag I

"Neurotrophins in healthy and diseased skin"

Prof. Dr. Carlo Pincelli, Modena, Italy

Professor of Dermatology

Institute of Dermatology

School of Biosciences and Biotechnologies

University of Modena and Reggio Emilia

Modena, Italy

11.45 – 12.00 kurze Führung Audienz-Saal Rathaus

Mittagessen: 12.00-13.15

13.15: Tropisetron reduces tissue fibrosis in a mouse model of scleroderma and attenuates collagen synthesis in human dermal fibroblasts possibly via a cAMP- PKA-dependent mechanism
(15 + 5 min)

A. Kokot 1, A. Sindrilaru 1, 2, K. Scharffetter-Kochanek 2, B. Fiebich 3, T. A. Luger 1, M. Böhm 1

1 University of Münster, Dept. of Dermatology and Ludwig Boltzmann Institute for Cell Biology and Immunobiology of the Skin, Münster, Deutschland; 2 University of Ulm, Dept. of Dermatology and Allergic Diseases, Ulm, Deutschland; 3 University of Freiburg, Dept. of Psychiatry, Freiburg, Deutschland

13.35: Detection of novel prohormone convertases in normal and transformed human melanocytes. A role in melanogenesis, tumor growth and/or metastasis? (10 + 5 min)

N. Weiß1, A. Kokot 1, T. A. Luger 1, M. Böhm1

1 University of Münster, Dept. of Dermatology and Ludwig Boltzmann Institute for Cell Biology and Immunobiology of the Skin, Münster, Deutschland

13.50: Alpha-MSH induces expression of suppressors of cytokine signaling (SOCS)1/3 in human melanocytes (10 + 5 min)

A. Kokot 1, M. Böhm1

1 University of Münster, Dept. of Dermatology and Ludwig Boltzmann Institute for Cell Biology and Immunobiology of the Skin, Münster, Deutschland

14.05: Mitochondrial metabolism and DNA integrity - novel targets for alpha-MSH on human keratinocytes and melanocytes after UVB irradiation (15 + 5 min)

M. Böhm1, A. Kokot 1, T. A. Luger 1, J. Dermody2, H. Z. Hill 2

1 University of Münster, Dept. of Dermatology, 48149 Münster, Germany; 2 Center for Human and Molecular Genetics, Molecular Genetics Laboratory, Newark, NJ, USA

14.25: Photoprotective effects of 1,25-dihydroxyvitamin D3 on ultraviolet B- and low-dose ionizing radiation-induced damage in human keratinocytes: in vitro analysis of cell viability/proliferation, DNA-damage and -repair. (15 + 5 min)

L. L. Trémezaygues 1, M. Seifert 1, W. Tilgen 1, J. Reichrath 1

1 Universitätsklinik Homburg, Klinik für Dermatologie, Allergologie und Venerologie, 66421 Homburg/Saar, Deutschland

14.45: The dermato-endocrine regulator melatonin modifies the time- and dose-dependent UV-response in a human full skin model in vitro (15 + 5 min)

L. Hardkop 1, N. Piskozub 1, T. Fischer 1

1 University of Lübeck, Department of Dermatology, 23538 Lübeck, Germany

15.05: Gastvortrag II

“Melatonin in the skin – what can we learn from fish?”

Prof. Dr. Ewa Kulczykowska, Sopot/Gdansk, Poland

Professor of Animal Physiology

Head of the Department of Genetics and Marine Biotechnology

Institute of Oceanology of Polish Academy of Sciences

Sopot/Gdansk, Poland

15.45-16.05: Kaffeepause

16.05: Angiotensin AT2-receptor stimulation modulates proliferation and differentiation in primary human keratinocytes: a novel pharmacological concept for the treatment of psoriasis? (15 + 5 min)

H. Sadegh Pour Saleh 1, T. Zuberbier 2, T. Unger 1, U. Steckelings 1, M. Artuc 2

1 Center for Cardiovascular Research, Charité-Universitätsmedizin Berlin, Inst. Für Pharmakologie, 10115 Berlin, Germany; 2 Charité-Universitätsmedizin Berlin, Department of Dermatology and Allergy, 10117, Berlin, Germany

16.25: Differential regulation of antimicrobial peptide expression in psoriasis by vitamin D analogs (15 + 5 min)

M. Peric 1, S. Koglin 1, Y. Dombrowski 1, K. Groß1, E. Bradac 1, A. Steinmeyer 2, U. Zügel 2, T. Ruzicka 1, J. Schaubert 1

1 Klinik für Dermatologie und Allergologie, LMU München, 80337 München; 2 Bayer Schering Pharma AG, Berlin

16.45: Frog skin organ culture - a model system for wound healing (10 + 5 min)

D. Pattwell 1, J. E. Klatte 2, R. Parredes 3, E. Amaya3, R. Paus1, 2

1 University of Manchester, Epithelial Sciences Group, School of Translational Medicine, Manchester, UK; 2 University of Lübeck, Department of Dermatology, 23538 Lübeck, Deutschland; 3 University of Manchester, Healing Foundation Centre, Faculty of Life Sciences, Manchester, UK

17.00: Identification of somatostatin as a negative regulator of epidermal wound healing (15 + 5 min)

M. Vockel 1, 2, U. Breitenbach 3, H. Kreienkamp 2, J. Brandner 1

1 Universitätsklinikum Hamburg-Eppendorf, Klinik und Poliklinik für Dermatologie und Venerologie, 20246 Hamburg, Deutschland; 2 Universitätsklinikum Hamburg-Eppendorf, Institut für Humangenetik, 20246, Hamburg, Deutschland; 3 Beiersdorf AG, Hamburg

17.20: Verleihung des ADE Preises 2010 (gesponsort durch Vichy Laboratoires) (5 min Kurzpräsentation des Preisträgers)

17.25 - 17.45: Kaffeepause

17.45: Increased skin contact hypersensitivity correlates with altered number and function of regulatory T cells in PPAR-alpha mice. (15 + 5 min)

Sandrine Dubrac1, Andreas Elentner1, Kristina Schoonjans2, Johan Auwerx2, and Matthias Schmuth1.

1Department of Dermatology, Innsbruck Medical University, Innsbruck, 6020, Austria; 2 Ecole Polytechnique Fédérale de Lausanne, 1015 Lausanne, Switzerland.

18.05: Endocrine modulation of human hair follicle epithelial progenitor cells in situ and in vitro: Effects of thyroid hormones, TSH, and calcitriol (15 + 5 min)

S. Tiede 1, K. Bohm1, C. Plate 1, R. Paus1, 2

1 University of Lübeck, Department of Dermatology, 23538 Lübeck, Deutschland; 2 University of Manchester, School of Translational Medicine, Manchester, UK

18.25: A novel neuroendocrine control of human mitochondrial activity and biogenesis in situ: TRH and TSH power mitochondria in human epidermis (10 + 5 min)

J. Knuever 1, B. Poeggeler 1, E. Gáspár 1, T. Bró 2, 3, T. Hellwig-Buerge 4, M. Klinger 5, E. Bodó6, R. J. Wiesner 7, 8, B. E. Wenzel 9, R. Paus1, 10

1 University of Lübeck, Department of Dermatology, 23538 Lübeck, Deutschland; 2 University of Debrecen, Department of Physiology, Debrecen, Ungarn; 3 Abiol Ltd., Debrecen, Ungarn; 4 University of Lübeck, Department of Physiology, 23538 Lübeck, Deutschland; 5 University of Lübeck, Department of Anatomy, 23538 Lübeck, Deutschland; 6 College of Nyregyháza, Agricultural and Molecular Research Institute, Nyregyháza, Ungarn; 7 University of Cologne, Department of Vegetative Physiology, Köln, Deutschland; 8 Center for Molecular Medicine Cologne, Köln, Deutschland; 9 University of Lübeck, Department of Medicine I, 23538 Lübeck, Deutschland; 10 University of Manchester, School of Translational Medicine, Manchester, UK

18.40: A new horizon in hair keratin regulation: the importance of neuroendocrine hormones as transcriptional mediators of hair keratins and keratin-associated proteins (10 + 5 min)

Y. Ramot1, 2, T. Biro 3, S. Tiede 1, K. Foitzik 4, E. Gaspar 1, A. Ingebr 2, V. Goffin 5, 6, L. Langbein 7, R. Paus1, 8

1 University of Lübeck, Department of Dermatology, Lübeck, Germany; 2 Hadassah-Hebrew University Medical Center, Department of Dermatology, Jerusalem, Israel; 3 University of Debrecen, Department of Physiology, Debrecen, Hungary; 4 Childrens' Hospital Wilhelmstift, Department of Dermatology, Hamburg, Germany; 5 Inserm, Unit 845, Research Center in Growth and Signaling, Paris, France; 6 University Paris Descartes, Faculty of Medicine, Paris, France; 7 German Cancer Research Center, Genetics of Skin Carcinogenesis, Heidelberg, Germany; 8 University of Manchester, School of Translational Medicine, Manchester, UK

18.55-19.15: Arbeitsgruppenbesprechung der ADE

Im Anschluss ca. 19.45 Uhr:

- Führung durch das kunsthistorische St. Annen-Museum
St. Annen-Str. 15, 23562 Lübeck (Tel.: 0451-122 4143)

Ab 20.30 Uhr:

- gemeinsames Abendessen

Kunst-Café, Museum St. Annen
St. Annen-Str. 15, 23562 Lübeck (Tel.: 0451-8898404)