

- Programm -

14. Treffen der Arbeitsgruppe Dermato-Endokrinologie e. V. (ADE e.V.)* der Arbeitsgemeinschaft Dermatologische Forschung e.V.(ADF e.V.) der Deutschen Dermatologischen Gesellschaft (DDG)

**Mittwoch, den 04.03.2015
Ulm**

Hörsaal 2
Universität Ulm, Uni-Ost
Albert-Einstein-Allee 11, 89081 Ulm

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

* Fortbildungspunkte sind bei der Ärztekammer Baden-Württemberg beantragt.

**** 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.]

09:30 – 10:00 Registration

10:00 Welcome: Evgenia Makrantonaki (Speaker AG ADE)
 Ronald Wolf (Vice-Speaker AG ADE)

10:15 PPAR α deficiency leads to an exaggerated inflammatory response after acute barrier disruption (10+5 min)

S. Blunder¹, R. Rühl², M. Schmuth¹, S. Dubrac¹

¹Department of Dermatology, Medical University of Innsbruck, Austria, ²Department of Biochemistry and Molecular Biology, University of Debrecen, Hungary

10:30 Messages in a bottle: unravelling the sebocyte secretome (10+5 min)

M. Dahlhoff¹, T. Fröhlich², G.J. Arnold², C.C. Zouboulis³, M.R. Schneider¹

¹Institute of Molecular Animal Breeding and Biotechnology, Gene Center, LMU Munich, Germany, ²Laboratory for Functional Genome Analysis LAFUGA, Gene Center, LMU Munich, Germany, ³Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany

10:45 Melatonin compensates silencing of heat shock protein 70 and suppresses UVR-induced inflammation in human skin ex vivo and cultured keratinocytes (10+5 min)

K. Kleszczynski¹, S. Zwicker², S. Tukaj¹, M. Kasperkiewicz¹, D. Zillikens¹, R. Wolf², T.W. Fischer¹

¹Department of Dermatology, University of Lübeck, Germany, ²Department of Dermatology and Allergology, Ludwig- Maximilian University, Munich, Germany

11:00 A closer look at evolution: variants (SNPs) of genes involved in skin pigmentation, including EXOC2, TYR, TYRP1, and DCT, are associated with 25(OH)D serum concentration (10+5 min)

R. Saternus¹, S. Pilz^{2,3}, S. Gräber⁴, M. Kleber⁵, W. März⁵, T. Vogt¹, J. Reichrath

¹Department of Dermatology, The Saarland University Hospital, Homburg, Germany, ²Department of Epidemiology and Biostatistics, EMGO Institute for Health and Care research, Vrije Universiteit Medisch Centrum, Amsterdam, The Netherlands, ³Department of Internal Medicine, Division of Endocrinology and Metabolism, Medical University of Graz, Austria, ⁴Institute of Medical Biometry, Epidemiology, and Medical Informatics, The Saarland University Hospital, Homburg, Germany, ⁵Mannheim Institute of Public Health, Heidelberg University, Mannheim, Germany

11:15 – 11:45 Coffee Break

11:45 The tripeptide KdPT and its chemically modified derivative WOL074-019 ameliorate ongoing inflammation in the skin and the gut (10+5 min)

C. Sternemann¹, M. Soeberdt², C. Baumann¹, L. Klenner¹, N. Sucker¹, K. Holz¹, C. Abels², T.A. Luger¹, K. Loser¹

¹Department of Dermatology, University of Münster, Germany, ²Dr. August Wolff GmbH & Co. KG - Arzneimittel, Bielefeld, Germany

12:00 Vasoactive intestinal peptide (VIP) is a novel, complex neuroendocrine regulator of human HF melanocyte biology *in situ* (10+5 min)

M. Bertolini^{1#}, M. Bähr^{2#}, M. Sulk¹, M. Pretzlaff², Y. Uchida^{1,3}, M. Reibelt², F. Zilio², T. Biro⁴, R. Paus^{1,5}

¹Department of Dermatology, University of Münster, Germany, ²Department of Dermatology, University of Lübeck, Germany, ³Department of Dermatology, Kagoshima University Graduate School of Medical and Dental Sciences, Japan, ⁴Department of Physiology, University of Debrecen, Debrecen, Hungary, ⁵Institute of Inflammation and Repair, University of Manchester, UK

#=contributed equally

12:15 The antimicrobial peptide koebnerisin interferes with UVB-triggered IL-1 beta activation in epidermal keratinocytes (10+5 min)

Eva Hattinger*, Stephanie Zwicker*, Sarah Koglin, Daniela Bureik, Thomas Ruzicka, Ronald Wolf

Department of Dermatology and Allergology, Ludwig-Maximilian-University Munich, 80337 Munich, Germany

*contributed equally

12:30 Guest Lecture I

"Regulation of skin barrier function – a matter of hormones?"

Prof. Carin Niessen

*Dermatologische Klinik
Zentrum für Molekulare Medizin Köln (ZMMK)
CECAD Forschungszentrum
Joseph-Stelzmann-Str. 26
D 50931 Köln*

(20+10 min)

13:00 – 14:30 Lunch

**14:30 Tropisetron – an emerging anti-inflammatory and antifibrotic agent
(10+5 min)**

A. Stegemann¹, A. Sindrilaru², K. Loser¹, C. Albrecht³, K. Scharffetter-Kochanek², T. A. Luger¹, M. Böhm¹

¹Department of Dermatology, University of Münster, Germany, ²Department of Dermatology, University of Ulm, Germany, ³Leibniz Research Institute for Environmental Medicine, Düsseldorf, Germany

14:45 Myeloid cell-restricted Insulin/IGF-1 signaling controls UV light-induced skin inflammation (10+5 min)

J. Knuever¹, S. Willenborg¹, M. Akyuz³, C.M. Niessen^{1,3,4}, J. C. Brüning^{2,3,4}, S.A. Eming^{1,3,4}

¹Department of Dermatology, ²Department of Mouse Genetics and Metabolism, Institute for Genetics, ³Center for Molecular Medicine Cologne, ⁴Cologne Excellence Cluster on Cellular Stress Responses in Aging Associated Diseases, University of Cologne, Germany

**15:00 Insulin and insulin-like growth factor-1 can modulate the phosphoinositide-3-kinase / Akt/ FoxO1 pathway in SZ95 sebocytes *in vitro*
(10+5 min)**

Y. Mirdamadi¹, A. Thielitz², A. Wiede², A. Goihl³, E. Papakonstantinou², R. Hartig³, C.C. Zouboulis⁴, D. Reinhold³, L. Simeoni³, U. Bommhardt⁵, S.R. Quist², H.P. Gollnick²

¹Skin Research Centre, Shahid Beheshti University of Medical Sciences, Tehran, Iran, ²Department of Dermatology and Venereology, Otto-von-Guericke University, Magdeburg, Germany, ³Institute of Molecular and Clinical Immunology, Otto-von-Guericke-University, Magdeburg, Germany, ⁴Departments of Dermatology, Venereology, Allergology and Immunology, Medical Center Dessau, Germany, ⁵Department of Psychiatry, University of Magdeburg, Germany

**15:15 Diabetes mellitus causes multiple dysfunctions in human keratinocytes
(10+5 min)**

O. Reichert¹, G. Neufang¹, L. Terstegen¹, F. Staeb¹, H. Wenck¹, L. Kolbe¹, D. Roggenkamp¹

¹Research and Development, Beiersdorf AG, Hamburg, Germany

**15:30 Effects of Relaxin on human fibroblasts and its key role in menopause
(10+5 min)**

E. Makrantonaki^{1,2,3}, H. Seltmann¹, A. Hossini¹, T. Dschietzig^{4,5}, C.C. Zouboulis¹

¹Departments of Dermatology, Venereology, Allergology and Immunology, Medical Center, Dessau, Germany, ²Geriatrics Research Group, Charité-Universitätsmedizin Berlin, Berlin, Germany ³Medical Practice Dr. Hoffmann, Lohne (Old.), Germany, ⁴Immundiagnostik AG, Bensheim, Germany, ⁵Med. Klinik m. S. Kardiologie und Angiologie, Charité Berlin (Campus Mitte), Berlin, Germany

15:45 Essential signaling pathways for survival of induced pluripotent stem cells (10+5 min)

A.M. Hossini¹, M. Ploetz², A.S. Quast², J. Eberle², A. Rabien³, E. Makrantonaki^{1,4,5} and C.C. Zouboulis¹

¹Departments of Dermatology, Venereology, Allergology and Immunology, Medical Center Dessau, Germany, ²Department of Dermatology and Allergy, Skin Cancer Center Charité, Charité-Universitätsmedizin Berlin, Germany, ³Department of Urology and Berlin Institute of Urologic Research, Charité-Universitätsmedizin Berlin, Germany, ⁴Geriatrics, Research Group Charité Universitätsmedizin Berlin, Germany, ⁵Medical Practice Dr. Hoffmann, Lohne (Old.), Germany

16:00 Guest Lecture II

"Endocrinological Aspects of Human Skin Ageing"

Prof. Karin Scharffetter-Kochanek

*Klinik für Dermatologie und Allergologie
Universitätsmedizin Ulm
Albert-Einstein-Allee 23
D-89081 Ulm*

(20+10 min)

**16:30 Awarding of a young investigator with the ADE Prize 2015
(sponsored by Vichy Laboratoires)**

16:45 – 17:15 Coffee Break

17:15 – 18:00 Meeting of the members of AG ADE e.V.

18:30 Guided tour in the City of Ulm

19:30 Dinner – Get together

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