

Jubiläums-Programm

„10 Jahre Dermato-Endokrinologie“ [10 Years Dermato-Endocrinology]

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

Mittwoch, 16.02.2011
Tübingen

Großer Sitzungssaal
Rathaus Tübingen
Am Markt 1
72070 Tübingen
Tel.: 07071-204-0

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

Mit freundlicher Unterstützung von
ASATONA 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: Bürgermeister der Stadt Tübingen, Boris Palmer

09.20: Festrede [Anniversary Speech]

„10 Jahre Dermato-Endokrinologie – Rückblick und Zukunft“
[“10 Years Dermato-Endocrinology – Retrospection and Future“]

Prof. Dr. Christos Zouboulis, Dessau/Berlin, Germany

Scientific presentations:

09.30: Dissecting the molecular mechanisms involved in human endogenous skin ageing in both genders (10 + 5 min)

E. Makrantonaki^{1,2}, T. C. Brink³, V. Zampeli^{1,2}, B. Hermes², A. Hossini¹, J. Adjaye³, C. C. Zouboulis¹

¹ Dessau Medical Center, Departments of Dermatology, Venereology, Allergology and Immunology, 06847 Dessau, Germany; ² Charité Universitätsmedizin Berlin, Institute of Clinical Pharmacology and Toxicology, Laboratory for Biogerontology, Dermato-Pharmacology and Dermato-Endocrinology, 10117 Berlin, Germany; ³ Max Planck Institute for Molecular Genetics, Department of Vertebrate Genomics, 14195 Berlin, Germany

09.45: Exonuclease-1 exhibits regulation in apoptosis and proliferation under hormone-dependent conditions in human fibroblasts (7 + 3 min)

B. Hermes¹, E. Makrantonaki^{1,2}, T. Brink³, J. Adjaye³, R. Herwig³, H. Lehrach³, C. C. Zouboulis²

¹ Institute of Clinical Pharmacology and Toxicology, Charité Universitätsmedizin Berlin, Laboratory for Biogerontology, Dermato-Pharmacology and Dermato-Endocrinology, 10117 Berlin, Germany; ² Dessau Medical Center, Departments of Dermatology, Venereology, Allergology and Immunology, 06847 Dessau, Germany; ³ Max Planck Institute for Molecular Genetics, Department of Vertebrate Genomics, 14195 Berlin, Germany

09.55: Age-related skin changes on the molecular level (7 + 3 min)

R. Elewa^{1,2}, M. Abdallah², N. Youssef², C. C. Zouboulis¹

¹ Dessau Medical Center, Departments of Dermatology, Venereology, Allergology and Immunology, 06847 Dessau, Germany; ² Ain-Shams University, Faculty of Medicine, Department of Dermatology, Venereology and Andrology, Cairo, Egypt

10.05: Guest Lecture I

**"Neuroendocrinology of the Skin – How it all began"
Prof. Dr. Andrzej T. Slominski, Memphis, TN, USA**

*Professor of Dermato-Pathology
Department of Pathology and Laboratory Medicine
University of Tennessee Health Science Center
Memphis, TN*

USA

(30 + 15 min)

10.50 - 11.00: Kaffeepause

11.00: Anniversary-Lecture I:

“Dermato-Endocrinology in Human Skin and Sebaceous Glands”

Prof. Dr. Christos Zouboulis

Dessau/Berlin, Germany

(20 + 5 min)

11.25: Involvement of fibroblasts in adipose tissue development (7 + 3 min)

V. Zampeli^{1, 2}, M. Shakibaei³, E. Makrantonaki^{1, 2}, T. Tzellos⁴, S. Fimmel², N. Chondrogianni⁵, E. Gonos⁵, C. C. Zouboulis¹

¹ Dessau Medical Center, Departments of Dermatology, Venereology, Allergology and Immunology, 06847 Dessau, Germany; ² Charité Universitätsmedizin Berlin, Institute of Clinical Pharmacology and Toxicology, Laboratory for Biogerontology, Dermato-Pharmacology and Dermato-Endocrinology, 10117 Berlin, Germany; ³ Ludwig Maximilian University Munich, Institute of Anatomy, Musculoskeletal Research Group, Munich, Germany; ⁴ Aristotle University of Thessaloniki, School of Medicine, Department of Pharmacology, Thessaloniki, Greece; ⁵ National Hellenic Research Foundation, Institute of Biological Research and Biotechnology, Laboratory of Molecular and Cellular Ageing, Athens, Greece

11.35: Anniversary-Lecture II:

“The role of α -MSH in Dermato-Endocrinology”

Prof. Dr. Markus Böhm,

Münster, Germany

(20 + 5 min)

12.00: Superoxide dismutase 2 – a putative mediator of the antifibrotic effect of alpha-MSH in the bleomycin model of scleroderma (7 + 3 min)

A. Kokot¹, T. A. Luger¹, M. Böhm¹

¹ University of Münster, Department of Dermatology, 48149 Münster, Germany

12.10: Prohormone convertases - novel players in melanoma biology (7 + 3 min)

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

¹ University of Münster, Department of Dermatology, 48149 Münster, Germany

Lunch: 12.20 - 13.30

13.30: Small S100 molecules with cutaneous antimicrobial activity prime skin for inflammation: a mouse model for psoriasis susceptibility (10 + 5 min)

R. Wolf^{1, 4}, F. Mascia¹, A. Dharamsi¹, Z. O. Howard², C. Cattaïsson¹, V. Bliskovski¹, J. Winston¹, L. Feigenbaum³, U. Lichti¹, T. Ruzicka⁴, T. Chavakis^{5, 6}, S. H. Yuspa¹

¹ National Cancer Institute, NIH, Laboratory of Cancer Biology and Genetics, Bethesda, USA; ² National Cancer Institute, NIH, Laboratory of Molecular Immunoregulation, Frederick, USA; ³ SAIC, Laboratory Animal Service Program, Frederick, USA; ⁴ Ludwig-Maximilian University, Department of Dermatology and Allergology, Munich, Germany; ⁵ National Cancer Institute, NIH, Experimental Immunology Branch, Bethesda, USA; ⁶ University of Technology, Department of Medicine and Institute of Physiology, Dresden, Germany

13.45: Vitamin D treatment suppresses the Th17-induced proinflammatory S100 alarmins psoriasin (S100A7) and koebnerisin (S100A15) in psoriasis (7 + 3 min)

Z. Hegyi¹, S. Zwicker¹, M. Peric¹, S. Koglin¹, D. Bureik¹, J. Prinz¹, T. Ruzicka¹, J. Schaubert¹, R. Wolf¹

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

13.55: K(D)PT, a tripeptide related to the C-terminal sequence of α -melanocyte-stimulating hormone, efficiently ameliorates ongoing psoriasis in a humanized mouse model (7 + 3 min)

M. Soeberdt¹, M. Auriemma², T. Brzoska², T. A. Luger², C. Abels¹, K. Loser²

¹ Dr. August Wolff GmbH & Co. KG Arzneimittel, 33611 Bielefeld, Germany; ² University of Münster, Department of Dermatology, 48149 Münster, Germany

14.05: Vaspin and Psoriasis (7 + 3 min)

J. Tremel¹, K. Rall¹, R. Renner¹, K. Vester¹, A. Saalbach¹, P. Kovacs², M. Blüher³, J. Heiker⁴, A. G. Beck-Sickingher⁴, J. C. Simon¹

¹ Universität Leipzig, Klinik für Dermatologie, Allergologie und Venerologie, 04103 Leipzig, Deutschland; ² Universität Leipzig, Interdisziplinäres Zentrum für Klinische Forschung, Leipzig; Deutschland ³ Universität Leipzig, Klinik für Innere Medizin, Leipzig, Deutschland; ⁴ Universität Leipzig, Institut für Biochemie, Fakultät für Biowissenschaften, Pharmazie und Psychologie, Leipzig, Deutschland

14.15: Anniversary-Lecture III:

“Neuro-Endocrine Stress and the Skin”

Priv. Doz. Dr. Eva M. Peters

Gießen/Berlin, Germany

(20 + 5 min)

14.40: The spleen as a conductor of neuro-immune regulation in allergic dermatitis - stress and Substance P dependent changes in neuro-immune communication (7 + 3 min)

C. Liezmann¹, E. M. Peters^{1, 2}

¹ University-Medicine Charité, Charité Center 12 (CC12) for Internal Medicine and Dermatology, Department of Psychosomatic Medicine and Psychotherapy, Psycho-Neuro-Immunology, 10117 Berlin, Germany; ² Justus Liebig Universität Gießen, Klinik für Psychosomatik und Psychotherapie, Psycho-Neuro-Immunologie, 35392 Gießen, Germany

14.50: Pregnane X Receptor (PXR) links xenobiotic metabolism to the cutaneous immune response (7 + 3 min)

S. Dubrac¹, A. Elentner¹, F. J. Gonzalez², M. Schmuth¹

¹ Innsbruck Medical University, Department of Dermatology, 6020 Innsbruck, Austria; ² National Institutes of Health, Laboratory of Metabolism, Bethesda, USA

15.00: Tonic inhibitory effects of endocannabinoids on human skin mast cell functions in situ by cannabinoid receptor 1 (CB1)-mediated signalling (7 + 3 min)

K. Sugawara¹, T. Bró², A. Kromminga³, D. Tsuruta⁴, B. I. Tóth², A. Zimmer⁵, B. F. Gibbs⁶, A. Zimmer⁵, R. Paus^{1,7}

¹ University of Lübeck, Department of Dermatology, 23538 Lübeck, Germany; ² University of Debrecen, Department of Physiology, Debrecen, Hungary; ³ Institute for Immunology, Clinical Pathology, Molecular Medicine, Hamburg, Germany; ⁴ Osaka City University Graduate School of Medicine, Department of Dermatology, Osaka, Japan; ⁵ University of Bonn, Institute of Molecular Psychiatry Life & Brain Center, Bonn, Germany; ⁶ University of Kent, Medway School of Pharmacy, Kent, UK; ⁷ University of Manchester, School of Translational Medicine, Manchester, UK

15.10 - 15.30: Kaffeepause

15.30: Guest Lecture II

**“Elastic tissues and skin aging: from the basic research to therapy”
Prof. Dr. Pascal Sommer, Lyon, France**

*Professor of Biology
Institut de Biologie et de Chimie des Protéines
Centre National de la Recherche Scientifique
Lyon
France
(30 + 15 min)*

16.15: Anniversary-Lecture IV:

**“The role of Melatonin in Dermato-Endocrinology”
Priv. Doz. Dr. Tobias W. Fischer
Lübeck, Germany
(20 + 5 min)**

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

16.45: Anniversary-Lecture V:

**“The role of Vitamine D3 in Dermato-Endocrinology”
Prof. Dr. Jörg Reichrath
Homburg, Germany
(20 + 5 min)**

17.10 - 17.30: Kaffeepause

17.30: Challenge and promise: epigenetic modulation of antiproliferative effects of 1,25(OH)2D3 in malignant melanoma cells in vitro (7 + 3 min)

S. Essa¹, S. Reichrath^{1,2}, U. Mahlknecht², T. Vogt¹, J. Reichrath¹
¹The Saarland University Hospital, Department of Dermatology, 66421 Homburg

17.40: The proprotein convertase PACE4 mediates increased proliferation, migration and invasiveness of melanoma cells in vitro and enhanced subcutaneous tumor growth in vivo (10 + 5 min)

M. Böhm¹, A. Mastrofrancesco¹, N. Weiss¹, B. Kemper², G. von Bally², T. Luger¹, C. Weishaupt¹
¹ Department of Dermatology and ² Center for Biomedical Optics and Photonics (CeBOP), University of Münster, Münster, Germany

17.55: Epigenetic modulation of vitamin D signaling pathways in angiosarcoma cells in vitro (7 + 3 min)

L. Tremezaygues¹, C. Krüger¹, C. Hafner², A. Rösch¹, T. Vogt¹, J. Reichrath¹
¹The Saarland University Hospital, Department of Dermatology, 66421 Homburg, Germany; ² University of Regensburg, Department of Dermatology, 93053 Regensburg, Germany

18.05: Anniversary-Lecture VI:

**“The Renin-Angiotensin-System in the Skin”
Dr. Ulrike Steckelings
Berlin, Germany
(20 + 5 min)**

18.30: Final remarks

18.40-19.00: Arbeitsgruppenbesprechung der ADE

Im Anschluss ca. 19.15 Uhr:

- Führung durch das Museum Schloß Hohentübingen
Burgsteige 11, 72070 Tübingen (Tel.: 07071-29 773 84)

Ab 20.30 Uhr:

- gemeinsames Abendessen

„Silchersaal“
Restaurant „Museum“
Wilhelmstr. 3, 72074 Tübingen (Tel. 07071-22828)