

- Programm -

**13. Treffen der Arbeitsgruppe Dermato-Endokrinologie
(ADE)**

**der Arbeitsgemeinschaft Dermatologische Forschung (ADF)
der Deutschen Dermatologischen Gesellschaft (DDG)**

**Mittwoch, den 12.03.2014
Köln**

Zentrum für Molekulare Medizin Köln (ZMMK)
Gebäude 66
Großer Seminarraum
Robert-Koch-Str. 21
50931 Köln

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

*** 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.]

**** Fortbildungspunkte sind bei der Ärztekammer Nordrhein beantragt.**

08:30 – 09:00 Registration

09:00 Welcome: Evgenia Makrantonaki (Speaker AG ADE)
Ronald Wolf (Vice-Speaker AG ADE)

09:10 Sebaceous gland-specific gene targeting in mice (10 + 5 min)

Dahlhoff M, Schneider MR

Institute of Molecular Animal Breeding and Biotechnology, Gene Center, LMU München, Munich, Germany

09:25 Characterization of the lipid droplet proteome of a sebaceous gland cell line (10 + 5 min)

Dahlhoff M¹, Fröhlich T², Arnold, GJ², Zouboulis CC³, Schneider MR¹

¹ Institute of Molecular Animal Breeding and Biotechnology, Gene Center, LMU München, Germany;

² Laboratory for Functional Genome Analysis LAFUGA, Gene Center, LMU München, Germany;

³ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany

09:40 Co-culture of skin explants with SZ95 sebocytes: friends with benefits (10+ 5 min)

Nikolakis G, Seltmann H, Zouboulis CC

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

09:55 Gender-specific medicine: Prevalence of dermatological disorders in hospitalized geriatric patients (10 + 5 min)

Makrantonaki E^{1,2}, Steinhagen-Thiessen E², Zouboulis CC¹, Eckardt R²

¹ Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau; ² Evangelisches Geriatriezentrum Berlin, Research Group on Geriatrics, Charité Universitätsmedizin

Berlin

10:10 Guest Lecture I

"Vascular inflammation"

Prof. Triantafyllos Chavakis

Department of Clinical Pathobiochemistry

Department of Medicine and Institute for Clinical Chemistry and Laboratory Medicine

University Clinic Carl Gustav Carus

Dresden University of Technology

Fetscherstrasse 74, 01307 Dresden, Germany

(25 + 10 min)

Coffee Break: 10:45 – 11:15

11:15 UV-induced impairment of differentiation homeostasis in human skin is prevented by melatonin (10 + 5 min)

Kleszczyński K, Zillikens D, Fischer TW

Department of Dermatology, University of Lübeck, Lübeck, Germany

11:30 Hot from the bench - Leukocyte-derived S100-‘alarmins’ are systemic mediators of inflammation and therapeutic markers in psoriasis (10 + 5 min)

Hattinger E¹, Batycka-Baran A², Zwicker S¹, Summer B¹, Szepietowski JC², Howard Z³, Prinz J¹, Ruzicka T¹ and Wolf R¹

¹ Department of Dermatology and Allergology, Ludwig-Maximilian University, Munich, Germany; ² Department of Dermatology, Venereology and Allergology, Wroclaw Medical University, Wroclaw, Poland; ³Laboratory of Molecular Immunoregulation, Cancer and Inflammation Program, Center for Cancer Research, National Cancer Institute-Frederick, MD, USA

11:50 Insulin/IGF-1 signaling in myeloid cells coordinates skin inflammation (10 + 5 min)

Knuever J¹, Willenborg S¹, Niessen CM^{1,3,4}, Brüning JC^{2,3,4}, Eming SA^{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, Cologne, Germany

12:00 The role of Insulin/IGF-1 regulated FoxO transcription factors during epidermal morphogenesis (10 + 5 min)

Guenschmann C^{1,2,4}, Stachelscheid H^{1,2,4}, Akyüz MD^{1,3,4}, Schmitz A^{1,3}, Missero C⁵, Brüning JC^{2,3,4} and Niessen CM^{1,3,4}

¹Department of Dermatology; ²Institute for Genetics; ³Center for Molecular Medicine Cologne; ⁴Cologne Excellence Cluster on Cellular Stress Responses in Aging- associated Diseases (CECAD), University of Cologne, Germany; ⁵CEINGE Biotechnologie Avanzate, Napoli, Italy

12:15 Activation of kappa-opioid receptor signaling ameliorates ongoing inflammation in the skin and the gut (10 + 5 min)

Sucker N¹, Lüdiger A-C¹, Soeberdt M², Abels C², Luger TA¹, Loser K¹

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

Lunch: 12:30 – 14:00

14:00 Guest Lecture II

“The pleiotropic hormone relaxin – jack-of-all-trades”

Prof. Dr. Almuth Einspanier

*Physiologisch-Chemisches Institut
An den Tierkliniken 1
04103 Leipzig
Germany*

(25 + 10 min)

14:35 The role of cholinergic system in the skin (15 + 5 min)

Peters Eva MJ

Psychoneuroimmunology, joint appointment Center for Internal Medicine and Dermatology, Charité-University Medicine, Berlin and Department of Psychosomatic Medicine, Justus-Liebig University, Giessen, Germany

14:55 Alpha-Melanocyte-stimulating hormone orchestrates an active anti-inflammatory activation pattern in human basophils of allergic rhinitis patients and controls (10 + 5 min)

Kleiner S¹, Braunstahl G², Gehring M¹, Eiz-Vesper B⁴, Luger T³, Kapp A¹, Böhm M³, Raap U¹

¹Hannover Medical School, Dept. of Dermatology and Allergy, Hannover, Germany; ²Sint Franciscus Gasthuis, Dept. of Pulmonology, Rotterdam, The Netherlands; ³University of Münster, Dept. of Dermatology, Münster, Germany; ⁴Hannover Medical School, Institute of Transfusion Medicine, Hannover, Germany

15:10 Alpha-melanocyte-stimulating hormone via catalase reduces bleomycin-mediated collagen synthesis in human dermal fibroblasts (10 + 5 min)

Böhm M, Apel M, Luger TA, Stegemann A

Dept. of Dermatology, University of Münster, Münster, Germany

15:25 Beta-endorphin – an emerging antifibrotic neuropeptide (10 + 5 min)

Stegemann A, Apel M, Luger TA, Böhm M

Dept. of Dermatology, University of Münster, Münster, Germany

15:40 Tropisetron prevents experimentally induced lung fibrosis (10 + 5 min)

Stegemann A¹, Albrecht C², Luger TA¹, Böhm M¹

¹Dept. of Dermatology, University of Münster, Münster, Germany; ²Leibniz Research Institute for Environmental Medicine, Düsseldorf, Germany

15:55 Nox4 is an intrinsic mediator of transforming growth factor-beta1-induced fibroblast activation and a target for the neuropeptide alpha-melanocyte-stimulating hormone (10 + 5 min)

Dosoki H, Stegemann A, Weiß N, Luger TA, Böhm M

Dept. of Dermatology, University of Münster, Münster, Germany

16:10 Awarding of a young investigator with the ADE Prize 2014 (sponsored by Vichy Laboratoires)

16:15 – 16:45 Coffee Break (30 min)

16:45 Final remarks

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

18:30 Guided tour in the Fragrance Museum Farina-House

The birthplace of EAU de COLOGNE

Farina-Haus Obenmarspforten 21

50667 Köln

(www.farina-haus.de)

20:00 Dinner – Get together

Weinhaus Brungs

Marsplatz 3-5

50667 Köln

(Telefon: 0221 - 2581666)