

Meeting of the ADF Working Groups: *Atopic Dermatitis and Skin Barrier*

Thursday, 07.03.2024, 09:30-12:30

Heinrich-Heine-Universität Düsseldorf. Room: Please see ADF "Hauptprogramm"

The indicated times include talk (10 minutes) and discussion (4 minutes).

- 09:30 – 09:34** **Welcome and Introduction**
Guido Heine, Leopold Eckhart
Kiel, Vienna
- 09:34 – 09:48** **Development of 3D epidermal spheroids with a dermal core as a high-throughput suitable alternative to classical full-thickness skin models**
T. Cesetti, N. Couturier, V. Lang, R. Kaufmann, T. Fauth, R. Rudolf, C. Buerger
Mannheim, Zwingenberg, Frankfurt
- 09:48 – 10:02** **A Th2-immunocompetent and sensory innervated full-thickness skin model for neurocutaneous inflammation in atopic dermatitis**
K. Hahn, D. Addy, C. Korb, M. Schoen, P. Dasari, T. Buhl
Göttingen
- 10:02 – 10:16** **Across the skin depths: Increased absolute levels of bacteria within atopic dermatitis and psoriasis, but not chronic spontaneous urticaria**
J. Afghani, T. Hawro, A. de Tomassi, M. Reiger, C. Huelpuesch, M. Metz, C. Traidl-Hoffmann
Augsburg, Munich, Davos, Neuherberg, Kiel, Berlin
- 10:16 – 10:30** **Regulation of necroptosis via HSV-1 infections on human keratinocytes**
P. Lee, L. Freund, K. Schaeckel
Heidelberg
- 10:30 – 10:50** **Coffee break**
- 10:50 – 11:04** **TSLP instructs dendritic cells to prime IL-31 producing TH2 cells promoting pruritus and granulocytic inflammation**
C. Gomez-Casado, P. Olah, Z. Unger, A. Datsi, K. Raba, M. Perrot-Dockes, U. Raap, R. Sorg, V. Julia, V. Soumelis, C. Schlapbach, B. Homey
Düsseldorf, Paris, Oldenburg, Lausanne, Bern
- 11:04 – 11:18** **Targeted systemic treatment modulates the relative abundance of staphylococcus aureus in patients with atopic dermatitis**
R. Rohayem, A. de Tomassi, M. Reiger, A. Neumann, CK Care study group, C. Huelpuesch, C. Traidl-Hoffmann
Augsburg, Davos
- 11:18 – 11:32** **The LPS induced adaptive response of old ABCB5+ MSCs failed to elicit microbicidal neutrophil functions to control gram negative bacteria**
P. Haas, K. Singh, P. Maity, S. Schatz, S. Munir, Y. Wang, J. Cheng, M. Aghapour Ask, A. Basu, D. Crisan, R. Bauer, S. Mauerer, B. Spellerberg, C. Ganss, M. Wlaschek, M. Kluth, K. Scharffetter-Kochanek
Ulm, Heidelberg
- 11:32 – 11:46** **Allergic reactions to fungal proteins in atopic dermatitis**
T. Heidland, C. Saft, I. Suhrkamp, A.K. Kampos, O. Kniemeyer, W. Francuzik, S. Weidinger, P. Bacher, C. Bang, G. Heine
Kiel, Jena, Berlin
- 11:46 – 12:00** **Metabolic intervention with 2-DG ameliorates symptoms in a model of atopic dermatitis**
M. Neumann, S. Gonther, P. Schilf, S. Murthy, C. Sadik
Lübeck
- 12:00 – 12:30** **Discussion**