

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

Thursday, 23.02.2023, 09:30-12:30

University of Innsbruck, CCB Campus, Room M.01.392.

The indicated times include talk (9 minutes) and discussion (3 minutes).

09:30 – 09:32 Introduction

Dora Stölzl, Leopold Eckhart
Kiel, Vienna

09:32 – 09:44 Electrical impedance spectroscopy is less influenced by daily routine activities than transepidermal water loss in skin barrier function assessment

L. Huygen, P. Thys, A. Wollenberg, J. Gutermuth, I. Kortekaas
Brussels, Munich

09:44 – 10:56 The role of the Ca²⁺ channel TRPV4 ion in epidermal barrier integrity

N. Reuscher, M. Jahn, S. Diehl, V. Lang, R. Kaufmann, I. Geistler-Al Madani, D. Ritzmann, T. Fauth, C. Buerger
Frankfurt, Zwingenberg

09:56 – 10:08 Endotypes of atopic dermatitis- Insights from a transcriptome analysis of three-dimensional skin equivalents stimulated with supernatant of lesional T-cells

S. Wasserer, M. Jargosch, T. Litman, S. Eyerich, F. Lauffer
Munich, Ballerup

10:08 – 10:20 Development of an in vitro model for atopic dermatitis and evaluation of a novel therapeutic concept

N. Zoeller, S. Boeschel, M. Schultz, S. Kippenberger, M. Jahn, V. Lang, S. Diehl, R. Back, T. Fauth, R. Kaufmann, C. Buerger
Frankfurt, Zwingenberg

10:20 – 10:32 Effects of tralokinumab treatment on quantitative and qualitative measures of skin barrier function and biology in patients with moderate to severe atopic dermatitis

D. Stoelzl, N. Sander, M. Fonfara, I. Harder, S. Szymczak, E. Rodriguez, H. Emmert, S. Weidinger
Kiel, Lübeck

10:32 – 10:44 Frequencies and risk factors of atopic dermatitis and psoriasis in different regions of Germany - results of the German National Cohort (NAKO)

M. Fahn, D. Stoelzl, M. Leitzmann, W. Lieb, S. Weidinger, H. Baurecht
Regensburg, Kiel

10:44 – 11:10 Coffee break

11:10 – 11:22 Asthmatic lungs reveal decreased expression of regulatory cytokines in skin barrier-deficient FlgHnr-deficient mice

D. Grimm, F. Fries, V. Lorenz, T. Buhl, M. Schoen, A. Braun
Göttingen

11:22 – 11:34 Sphingolipid metabolism orchestrates epidermal stem cell fate - potential insights into eczema initiation

F. Peters, S. Wickstroem

Münster, Helsinki

11:34 – 11:46 Environmental impact on *S. aureus*: Secretome differences between healthy and atopic eczema isolates

J. Afghani, L. Klepper, M. Reiger, P. Schmitt-Kopplin, C. Mueller, C. Traidl-Hoffmann
Augsburg, Freising, Davos, Neuherberg

11:46 – 11:58 A subgroup of atopic dermatitis patients displays a disease-severity associated type-2 response against skin bacteria

R. Pospich, L. Roesner, T. Werfel
Hannover

11:58– 12:30 Discussion