

## **Joint meeting ADF working groups: Skin Barrier and Atopic Dermatitis**

**09. March 2016, 14.00-18.00**

**Talks: 10 min + 2 min Discussion**

**14:00 – 14:15 Introduction**

Johanna M. Brandner, Leopold Eckhart, Natalija Novak, Stephan Weidinger,  
Hamburg, Vienna, Bonn, Kiel

**14:15 – 14:27 IL-1 $\beta$  modulates PPARG downregulation after skin barrier disruption**

Stefan Blunder, Verena Moosbrugger-Martinz, Robert Gruber, Matthias Schmuth, Sandrine Dubrac  
Innsbruck

**14:27 – 14:39 The epidermal growth factor receptor controls skin barrier integrity and cutaneous host defense**

Bauer T, Klufa J, Holcman M, Amberg N, Lichtenberger BM, Gerber A, Homey B and Sibilica M  
Vienna

**14:39 – 14:51 Histamine down-regulates psoriasis and calprotectin in a human skin equivalent model**

M. Gschwandtner, A. Tschachler, B. Lindner, E. Tschachler  
Vienna

**14:51 – 15: 13 Mast cells are involved in epidermal barrier homostasis**

C. Zimmermann, M. Maurer, J.W. Fluhr  
Berlin

**15:13 - 15:30 Break and Discussion**

**15:30 – 15:42 Childhood atopic dermatitis – brain derived neurotrophic factor correlates with serum eosinophil cationic protein, total IgE, pruritus and disease severity**

Eleni Papakonstantinou, Regina Fölster-Holst, Urda Rüdlich, Matthias Buchner, Helene Pite, Manuela Gehring, Alexander Kapp, Stephan Weidinger, Ulrike Raap  
Hannover, Kiel

**15:42 – 15:54 Reduction and hyperreleasability of lytic T cell granules in atopic asthma – correlation with lung function parameters**

A.Pasckert, B. Bonnekoh, H. Gollnick, J. Schreiber, A. Ambach  
Magdeburg

**15:54 - 16:06 Pollen and UV-B radiation as modulators of the skin barrier and immune function**

Daniela Dittlein, Stefanie Gilles, Isabelle Beck, Jörg Durner, Ulrike Frank, Olaf Groß, Claudia Traidl-Hoffmann  
Munich

**16:06 – 16:18 Particle-based transcutaneous immune cell targeting**

Annika Vogt, Fiorenza Rancan, Behazine Combadiere, Blume-Peytavi

Berlin

**16:18 – 16:30 New insights into skin evolution: positive selection of the S100-fused-type-protein (SFTP) gene family**

Zhihong Wu, Hongpeng Wang, Jens-M. Schröder, Ulf Meyer-Hoffert  
Kiel

**16:30 – 16:50 Break and Discussion**

**16:50 – 17:02 The transcriptional repressor Trim28 is a key factor for the establishment of a functional epidermis**

Lucian Beer, Tanja Berger, Erwin Tschachler, Michael Mildner  
Vienna

**17:02 – 17:14 Targeted DNase gene deletions suggest a cooperative mechanism of DNA degradation during terminal differentiation of epidermal keratinocytes**

Heinz Fischer, Maria Buchberger, Judith Fumicz, Erwin Tschachler, Leopold Eckhart  
Vienna

**17:14 – 17:26 Effect of Staphylococci on tight junctions – involvement of innate immunity**

Katja Bäslér, Marie-Florence Galliano, Pia Houdek, Beatrice Guiraud, Sabine Vidal-y-Sy, Ewa Wladykowski, Holger Rohde, Sandrine Bessou-Touya, Hélène Duplan, J. M. Brandner  
Hamburg, Toulouse

**17:26 – 17:38 Invasion mechanisms of Herpes simplex Virus 1 into murine epidermis**

Elena Rahn, Katharina Their, Philip Petermann, Dagmar Knebel-Mörsdorf  
Cologne

**17:38 – 17:50 Role of defensins in the physical and antimicrobial barrier of mouse skin.**

Ehrhardt Proksch, Kiel

**17:50 – 18:00 Discussion, Outlook, Closing remarks**