

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

Wednesday, 13.03.2019, 14:00-18:00

Room MW 2050

TU München, Campus Garching, Maschinenwesen, Magistrale
Boltzmannstraße 15, 85748 München

The indicated times include talk and discussion.

14:00 – 14:10 Introduction

Stephan Weidinger, Leopold Eckhart
Kiel, Vienna

14:10 – 14:25 MicroBIEM - Microbiome analysis tool with automated decision making and user-friendly graphical interface

Thomas Nussbaumer
Helmholtz Center Munich and Technical University Munich, Chair and Institute of Environmental Medicine (IEM), UNIKA-T, Augsburg, Germany

14:25 – 14:40 Presence of neutrophils in the skin enhances *S. aureus* colonization

Katharina Bitschar
University Hospital Tübingen, Department of Dermatology, Tübingen, Germany

14:40 – 14:55 Invasion routes of herpes simplex virus 1 into skin

Dagmar Knebel-Mörsdorf
University of Cologne, Germany

14:55 – 15:10 Common determinants of nanocarrier penetration and drug release: practical implications for dermatotherapy

Annika Vogt
Charité-Universitätsmedizin Berlin, Humboldt-Universität zu Berlin, Berlin Institute of Health, Germany, Berlin, Germany

15:10 – 15:25 WFDC12, a new putative member of epidermal protease inhibitors, contributes to skin homeostasis

Polina Kalinina
Medical University of Vienna, Vienna, Austria

15:25 – 16:00 Coffee break

16:00 – 16:15 Treatment of moderate-to-severe atopic dermatitis (AD) after the approval of the first biologic agent: results from the german national registry TREATgermany

Dora Stölzl
University Hospital Schleswig-Holstein, Department of Dermatology, Kiel, Germany

16:15 – 16:30 mTORC1 signaling interferes with the switch from keratinocytes proliferation to differentiation

Claudia Bürger
Universitätsklinikum Frankfurt, Germany

- 16:30 – 16:45 Automated immuno-histo-enzymatic investigation of metabolic enzyme activity in cryosections of skin and epidermal equivalents**
Christoph Kremslehner
Medical University of Vienna, Vienna, Austria
- 16:45 – 17:00 Effect of skin neutral pH versus basic emollient application on skin microbiome and physiology in atopic dermatitis patients and healthy controls**
Claudia Hülpüsch
Technical University of Munich and Helmholtz Zentrum Munich, Chair and Institute of Environmental Medicine, UNIKA-T Augsburg, Augsburg, Germany
- 17:00 – 17:15 Influence of emulsions of different pH on skin barrier integrity**
Ehrhardt Proksch
University of Kiel, Department of Dermatology, Kiel, Germany
- 17:15 – 17:30 Function of LRRC8 volume-regulated anion channels during hypotonic stress response and differentiation of human keratinocytes**
Janina Trothe
Universitätsklinikum Frankfurt, Germany
- 17:30 – 18:00 Discussion and planning of future working group meetings**
Working group members