To the members of the Arbeitsgemeinschaft Dermatologische Forschung (ADF)

Program of the AG **Translationale Dermatologische Genetik/ Translational dermatological genetics**

Thursday 13th March 2025, 9am to 12:30 pm

Room: Please see „ADF-Hauptprogramm“

9am: Welcome Adress

Kira Süßmuth (Berlin) and Leonie Frommherz (Munich)

9:00 - 9:30 am: Gastvortrag Predicting treatment response to oral immunotherapy in peanut-allergic children using multi-omics risk scores

A. Arnau-Soler, S.-H. Ngu, A. Jeanrenaud, I. Marenholz, K. Blumchen, K. Beyer, Y.-A. Lee

9:30 -9:45 am: Research on Alzheimer´s skin fibroblast model to investigate neurological degeneration: CRISPR-Cas9-Mediated Manipulation of Presenilin1 and APP leads to Elevated Endoplasmatic Reticulum Stress and Affects Cell Translation

Z. Cao, D. Zhang, M.Hartmann, K. Scharffetter-Kochanek, S. Iben

9:45- 10:00 am: Exploring ribosomal biogenesis and function in ALS: The role of FUS depletion and mutation

Y. Li, D. Zhang, M. Hartmann, Z. Cao, K. Scharffetter-Kochanek, S. Iben

10:00-10:15 am: A new melanocyte specific model for elucidating the role of LRIG1 in cutaneous melanoma

T.Hommel, B. Wagner, M. Dahlhoff

10:15-10:30 am: Non-invasively quantification of Meissner Corpuscles from human glabrous skin using Laser Scan Microscopy and relations with perception and age

V.H. Infante, R. Bennewitz, M.C. Meinke

10:30-10:45 am: Break

10:45-11:00 am: FLCN knockdown increases DNA damage susceptibility and global hypomethylation in human hair follicles ex vivo

W. Fostier, K. Linowiecka, J. Chéret, N. Rajan, R. Paus

11:00-11:15 am: A nonsense variant in KRT31 is associated with autosomal-dominant monilethrix

N. Cesarato, X. Xiong, Y. Gossmann, M. Wehner, S. Kumar, H. Thiele, S. Demuth, V. Oji, M. Geyer, H. Hamm. F. B. Basmanav, R. C. Betz

11:15-11:30 am: Meta-analysis of disease genes in generalized/palmoplantar psoriasis suggests oligogenic inheritance and ivolvement of purinergic receptors.

U. Hüffmeier

11:30-11:45 am: Break

11:45-12:00 am Expanding the genetic landscape of Dowling-Degos Disease: a novel disease gene and gene-phenotype correlations

S. Kumar, J. Frank, R. C. Betz

12:00-12:15 am: Papillon-Lefèvre-Syndrom: Neue Wege in der Systemtherapie

I.Yoshida, K. Lommel, V. Oji, H. Traupe, B. Santler, J. Fischer, K. Süßmuth

12:15-12:30 am: Patient with ADAM17 mutation-caused Neonatal Inflammatory Skin and Bowel Disease responds to personalized treatment with IL-12/IL-23 blocking antibody (Ustekinumab)

M. Ettinger, T. Burner, S. Anshu, Leonie C. Schoeftner, B. Halwachs, A.L. Conrady, A. Lackner, I. Deli, P. Pimingstorfer, S. Altrichter, E. Guenova, I. K. Gratz, D. Schmidt-Arras, S. Kimeswenger, W. Hoetzenecker

12:30 am: Discussion