



Gemeinsame Sitzung der Arbeitsgruppen

„Experimentelle Allergologie“ (AGEA) & „Mastzellen und Basophile“ (AG MZB)

im Rahmen der 47. ADF-Tagung in Berlin

Donnerstag, 12. März 2020, 9:00 – 13.00 Uhr

Technische Universität Berlin, Straße des 17. Juni 135, 10623 Berlin, Halle H0104, Raum 1036

PROGRAMM

- 9:00 – 9:10** Begrüßung
C. Möbs, K. Hartmann; Marburg, Basel
- 9:10 – 9:20** **Wahl des Sprechers und stellvertretenden Sprechers der AGEA**
(Kandidaten: K. Hartmann, A. Kerstan, N.N.; Basel, Würzburg)
- 9:20 – 9:35** **Cold urticaria associated with a novel Phospholipase-C-Gamma-2 (PLCG2) mutation**
H. Bonnekoh, N. Mahnke, J. Scheffel, H. Wai, D. Baralle, S. Ennis, M. Maurer, K. Krause;
Berlin, Southampton (UK)
- 9:35 – 9:50** **EBI2 guides pathogenic T cells in the murine allergic contact hypersensitivity**
J. Schwingen, L. Freund, F. Wanke, M. A. Kaplan, S. Gräf, V. K. Rakert, F.
C. Kurschus; Heidelberg, Mainz
- 9:50 – 10:05** **Relationship of nasal chemokines, infiltrating immune cells, and symptoms under natural pollen exposure**
M. Gökkaya, S. Hilgers, V. Schwierzeck, S. Knoch, K. Thoenen, F. Kolek, M. P. Plaza, V. Leier-
Wirtz, G. Hammel, A. Damialis, L. Geisdorf, C. Traidl-Hoffmann, S. Gilles; Augsburg, Davos
- 10:05 – 10:20** **Mast cells are crucial for proper dendritic cell activation and type I IFN production during viral infections**
Y. Arestova, F. Siebenhaar, M. Maurer, M. L. Munoz; Berlin
- 10:20 – 10:35** **Soluble FcεRI is a potential biomarker for poor therapeutic response to omalizumab in patients with chronic spontaneous urticaria**
S. Moino-Romero, P. Kolkhir, Z. Szepfalusi, M. Maurer, S. Altrichter; Berlin, Wien
- 10:35 – 10:50** **Cytokine production is elicited via MRGPRX2 in human skin mast cells yet with lower efficiency than upon FcεRI-aggregation - dominance of ERK1/2**
Z. Wang, K. Franke, T. Zuberbier, M. Babina; Berlin
- 10:50 – 11:20** Pause
- 11:20 – 11:35** **Oral anticoagulant rivaroxaban protects from PAR2-mediated cutaneous inflammation in mice**
M. Fleischer, N. Roehrig, T. Schmidt, D. Becker, S. Ritz, J. Haub, V. Raker, H. Stege, M. Bros, S.
Grabbe, S. Reyda, W. Ruf, K. Steinbrink; Mainz, Münster
- 11:35 – 11:50** **Utility of basophil activation test to diagnose sensitisation in patients with anaphylaxis to mulberries**
D. Jamiolkowski, Z. Manjaly Thomas, S. Link, I. Heijnen, E. Steveling, F. Bellutti Enders, A.
Bircher, K. Scherer Hofmeier, K. Hartmann; Basel
- 11:50 – 12:05** **Targeting mast-cell plasticity re-shapes the tumor microenvironment of melanoma**
C. Iuliano, S. Kaesler, T. Biedermann; München
- 12:05 – 12:20** **Mast cells and tryptase as biomarkers for mycosis fungoides**
C. Terhorst-Molawi, K. Lohse, V. Puhl, T. Hawro, M. Maurer, S. Altrichter; Berlin
- 12:20 – 12:45** **The MRGPRX2 agonist cortistatin degranulates human skin mast cells in vitro and in vivo and is highly expressed in the skin of patients with prurigo, atopic dermatitis or chronic spontaneous urticaria**
P. Kolkhir, Q. Jiao, J. He, J. Scheffel, M. Maurer, S. Frischbutter; Berlin, Moskau, Suzhou, Luzhou
- 12:45** Zusammenfassung und Verabschiedung
C. Möbs, K. Hartmann; Marburg, Basel

Talks: 12 min Präsentation + 3 min Diskussion / Vortrag Deutsch oder Englisch, Slides bitte in Englisch.