



Satellite Symposium of the Research Focus Group Neuroendocrinoimmunology of the German Society for Immunology at the 5th European Congress of Immunology, Amsterdam, NL, Sept. 2, 2018

Organizers: Ulrike Gimsa (Leibniz Institute for Farm Animal Biology, Dummerstorf, D) and Eva M. J. Peters (Charité Berlin and University of Gießen, D)

Program

10:00-10:05 Welcome and introduction

10:05-10:40 Silvia Capellino, Dortmund, Germany: **Involvement of the dopaminergic pathway in rheumatoid arthritis**

10:40-10:55 Karolin Wieber, Dortmund, Germany: **Targeted modulation of neurotransmitter receptors on specific leukocyte subpopulations in rheumatic diseases**

10:55-11:10 Elisa Storelli, Varese, Italy: **Production of interferon- γ and tumor necrosis factor- α are increased by α -synuclein in human CD4+ T lymphocytes**

11:10-11:25 Kamal Moudgil, Baltimore, MD, USA: **Modulation of autoimmune arthritis via the cholinergic anti-inflammatory pathway**

11:25-11:40 *Coffee break*

11:40-12:15 Martin Hadamitzky, Essen, Germany: **Placebo effects in the immune system**

12:15-12:30 Juan José Lasarte, Pamplona, Spain: **Immunomodulatory properties of Carvone inhalation and its effects on contextual fear memory in mice**

12:30-12:45 Ulrike Gimsa, Dummerstorf, Germany: **The influence of MHC-related olfactory cues on social recognition in domestic pigs**

12:45-13:15 *Lunch break*

13:15-13:50 Astrid Friebe, Nürnberg, Germany: **Microglia-mediated immune activation in the development of depressive-like behavior**

13:50-14:05 Eva Peters, Berlin & Gießen, Germany: **High cytokine production by peripheral blood mononucleocytes has implications for the success of multi-modal psychotherapeutic inpatient treatment of depression**

14:05-14:20 Raquel Benítez, Granada, Spain: **Role of the neuropeptide cortistatin in the control of chronic fibrosis: therapeutic potential in scleroderma and liver and pulmonary fibrosis**