

## Prof. Dr. Hortense Slevogt

Professor for Immunology of Severe Infections  
Septomics Research Center, University Hospital Jena

Prof. Dr. Hortense Slevogt ist working as an internist and infectiologist in the Department of Internal Medicine, Department of Pneumology & Allergology/Immunology since 2017. Furthermore Prof. Dr. Slevogt is active in A/B/S Experts “Antibiotic Stewardship”, German Society for infectious diseases since 2015 and in W2 Professorship “Immunology of Serious Infections”, University Hospital Jena and Head of “Host Septomics - Research Group for Infection and Microbiom Research” since 2011.

## Awards / Scientific Activities

Since 2019	Appointed member of the Commission on Anti-Infectives, Resistance and Therapy, Robert Koch Institute (RKI). Berlin
Since 2017	Elected Member of the Advisory Board of the German Society for Infectious Diseases (DGI)
Since 2015	Member of the Executive Board of the “Center for Sepsis Control & Care” (CSCC)
Since 2013	Board member of SFB / TR 124 “FungiNet”
Since 2012	Member of the editorial board, “PloS ONE”
2010	Rudolf Ackermann Prize for Infectiology of the German Society of Infectiology e.V.
2008	Lydia-Rabinowich Research Fellowship of the Charité - University Medicine Berlin, Research Fellowship of the German Society of Pneumology
2007	Curt-Dehner Prize of the Society for Pulmonary and Respiratory Research e.V.
2006	Research fellowship of the “Stiftung Dr. Edith Gruenheit” of the German Medical Association e.V.
2003-2006	Rahel-Hirsch-Scholarship of the Charité - Universitätsmedizin Berlin

## Research Interests

- Host pathogen interactions in acute and chronic pulmonary infections and in sepsis
- Mechanisms and malfunctions of the innate immune system in the pathogenesis of severe infections and sepsis

## Selected Publications

Dimitriou V.; Biehl L. Hamprecht A; Vogel W; Dörfel D; Peter S; Schafhausen P; Rohde H; von Lilienfeld-Toal M; Klassert, TE; Slickers P; Ehrlich R; **Slevogt H**; Christ H; Hellmich M; Farowski S, Tsakmaklis A; Higgins P; Seifert H; Vehreschild M; (2019) Controlling intestinal colonisation of high-risk haematology patients with ESBL-producing Enterobacteriaceae – a randomised, placebo-controlled, multicentre, phase II trial (CLEAR), J Antimicrob Chemo

Klassert TE, Goyal S, Stock M, Driesch D, Hussain A, Berrocal-Almanza LC, Myakala R, Sumanlatha G, Valluri V, Ahmed N, Schumann RR, Flores C, **Slevogt H** (2018) AmpliSeq Screening of Genes Encoding the C-Type Lectin Receptors and Their Signaling Components Reveals a Common Variant in MASP1 Associated with Pulmonary Tuberculosis in an Indian Population. Front Immunol.

Lehmann R, Müller MM, Klassert TE, Driesch D, Stock M, Heinrich A, Conrad T, Moore C, Schier UK, Guthke R, **Slevogt H** (2018) Differential regulation of the transcriptomic and secretomic landscape of sensor and effector functions of human airway epithelial cells. Mucosal Immunol.

Müller MM, Lehmann R, Klassert TE, Reifenstein S, Conrad T, Moore C, Kuhn A, Behnert A, Guthke R, Driesch D, **Slevogt H** (2017) Global analysis of glycoproteins identifies markers of endotoxin tolerant monocytes and GPR84 as a modulator of TNF $\alpha$  expression. *Sci Rep.* 7: 838.

Klaile E, Müller MM, Schäfer MR, Clauder AK, Feer S, Heyl KA, Stock M, Klassert TE, Zipfel PF, Singer BB, **Slevogt H** (2017) Binding of *Candida albicans* to Human CEACAM1 and CEACAM6 Modulates the Inflammatory Response of Intestinal Epithelial Cells. *MBio* 8(2). pii: e02142-16. doi: 10.1128/mBio.02142-16.

**Slevogt H**, Zabel S, Opitz B, Hocke A, Eitel J, N'Guessan P, Lucka L, Riesbeck K, Zimmermann W, Zweigner J, Temmesfeld-Wollbrueck B, Suttorp N, Singer B. (2008) CEACAM1 inhibits Toll-like receptor 2-triggered anti-bacterial responses of human pulmonary epithelial cells. *Nat Immunol.* 2008