

Curriculum Vitae

Hortense Slevogt Professor, Dr. med.

University Education

- 2009 Habilitation Internal Medicine, Charité – Universitätsmedizin Berlin
- 1996 Doctorate Medicine, Freie Universität Berlin
- 1987–1993 Studies of Medicine, Freie Universität Berlin and Charité – Universitätsmedizin Berlin

Scientific Career

- Since 2022 Professorship of Infections of the Respiratory Tract (W3)
Senior Physician for Clinical Infectiology, Department of Pneumology,
Hannover Medical School (MHH), Hanover Medical School
- Since 2022 Head of the Research Unit „Respiratory Infection Dynamics“
Helmholtz Centre for Infection Research (HZI), Braunschweig
- 2021 Specialist in Internal Medicine and Pulmonology (LÄK Thüringen)
- Since 2019 Participation in Commission Antiinfectiva, Resistance and Therapy (ART) of Robert-Koch-Institute
- 2011-2022 Professorship for Immunology of Serious Infections, Head of Research Group for
Infection and Microbiom Research „Host Septomics“, Centre for Innovation
Competence (ZIK) Septomics and Clinic for Internal Medicine I, Department of
Pneumology & Allergology / Immunology, University Hospital Jena
- 2017-2021 Clinical work as internist and infectiologist at the Clinic for Internal Medicine I, Clinic
for Pneumology & Allergology / Immunology, University Hospital Jena.
- 2005-2011 Head of the working group “Host-Pathogen Interactions and innate immunity in the
lung”, Laboratory of Prof. N. Suttorp, Med. Clinic with focus on Infectiology and
Pneumology, Charité Universitätsmedizin Berlin
- 2003 Specialist for internal medicine
- 2001-2003 Head of the infectiological specialized of the department outpatient clinic of the
department, Charité – Universitätsmedizin Berlin
- 1993-2005 Doctor in postgraduate training and specialist in internal medicine and infectious
diseases since 2003, Department of Infectiology and Pneumology (Head: Prof. N.
Suttorp), Charité Berlin

Awards and Honors

- 2021 European Patent application “Marker for Sepsis” (EP 21 168 225.7)
- 2018 Curt-Dehner-Prize of the Society for Lung and Respiratory Research
- 2015 A/B/S Expert “Antibiotic Stewardship”, Deutsche Gesellschaft für Infektiologie
- 2014 Best abstract award of the 18. Symposium of the International Immunocompromised
Society (IICS) in Berlin
- 2010 Rudolf-Ackermann-Prize of the German Society for Infectiology
- 2005 Specialisation in infectious disease from the Berlin Chamber of physicians
- 1998 Diploma “Tropical Medicine & Hygiene”, Bernhard-Nocht-Institute, Hamburg

Citation Record

Total citations: 4,351; h-index: 34; h-index since 2019: 28 (Google Scholar July 15th 2024)

Top-10 selected Publications

Klassert TE, Hölzer M, Zubiria-Barrera C, Bethge J, Klaile E, Müller MM, Marz M, **Slevogt H.**
Differential Transcriptional Responses of Human Granulocytes to Fungal Infection with *Candida albicans* and *Aspergillus fumigatus*. *J Fungi (Basel)*. 2023 Oct 14;9(10):1014. doi: 10.3390/jof9101014

Müller MM, Baldauf C, Hornischer S, Klassert TE, Schneegans A, Behnert A, Pletz MW, Hagem S, **Slevogt H**. Staphylococcus aureus induces tolerance in human monocytes accompanied with expression changes of cell surface markers. *Front Immunol*. 2023 Mar 31;14:1046374. doi: 10.3389/fimmu.2023.1046374.

Klassert TE, Zubiria-Barrera C, Neubert R, Stock M, Schneegans A, López M, Driesch D, Zakonsky G, Gastmeier P, **Slevogt H***, Leistner R* (2022) Comparative analysis of surface sanitization protocols on the bacterial community structures in the hospital environment. *Clin Microbiol Infect*. 28(8):1105-1112. doi: 10.1016/j.cmi.2022.02.032.; *) contributed equally

Klassert TE, Leistner R, Zubiria-Barrera C, Stock M, López M, Neubert R, Driesch D, Gastmeier P, **Slevogt H**. (2021) Bacterial colonization dynamics and antibiotic resistance gene dissemination in the hospital environment after first patient occupancy: a longitudinal metagenetic study. *Microbiome* 9(1):169. doi: 10.1186/s40168-021-01109-7

Thada S, Horvath GL, Müller MM, Dittrich N, Conrad ML, Sur S, Hussain A, Pelka K, Gaddam SL, Latz E, **Slevogt H**, Schumann RR, Burkert S.(2021) Interaction of TLR4 and TLR8 in the Innate Immune Response against Mycobacterium Tuberculosis. *Int J Mol Sci*. doi: 10.3390/ijms22041560.

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*. doi: 10.3389/fimmu.2018.00242.

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*. 11(3):627-642 doi: 10.1038/mi.2017.100.

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.

Berrocal-Almanza LC, Goyal S, Hussain A, Klassert TE, Driesch D, Grozdanovic Z, Sumanlatha G, Ahmed N, Valluri V, Conrad ML, Dittrich N, Schumann RR, Lala B, **Slevogt H**. S100A12 is up-regulated in pulmonary tuberculosis and predicts the extent of alveolar infiltration on chest radiography: an observational study. (2016) *Sci Rep*. doi: 10.1038/srep31798.

Slevogt H, Zabel S, Opitz B, Hocke A, Eitel J, N'guessan PD, Lucka L, Riesbeck K, Zimmermann W, Zweigner J, Temmesfeld-Wollbrueck B, Suttorp N, Singer BB (2008) CEACAM1 inhibits Toll-like receptor 2-triggered antibacterial responses of human pulmonary epithelial cells. *Nat Immunol*. 9(11):1270-8. doi: 10.1038/ni.1661.