



gegründet 1808

Societas physico-medica Erlangensis



Vorstand:

Prof. Dr. med. C. Bogdan
Prof. Dr. Dr. h. c. W. Kalender, PhD
Prof. Dr.-Ing. Dr. rer. med. U. Hoppe
Prof. Dr. med. Dr. h. c. K.-H. Plattig

Die Physikalisch-Medizinische Sozietät Erlangen

lädt Sie zu folgendem Vortrag ein:

Die Immunität der Lunge verstehen, um die Therapie der Pneumonie zu verbessern

Professor Dr. med. Norbert Suttorp

Charité Universitätsmedizin Berlin, Infektiologie und Pneumologie
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Pneumonia, a common disease caused by a great diversity of infectious agents, is responsible for enormous morbidity and mortality all over the world. Pneumonia is the third leading cause of death worldwide and the leading cause of death due to infectious disease in industrialized countries. The bronchial and lung epithelium comprises a large surface between host and environment and is attacked as a primary target during lung infection. Localized at the interface between the environment and the host, the airway epithelium does not only form a large mechanical barrier, but it is also predisposed as a sentinel system to detect pathogens entering via the airways and to initiate the host immunological response. However, central mechanisms of pathogen-lung epithelial interaction still remain obscure. Professor Norbert Suttorp will give an insight into his research on inflammation, cellular signaling and pulmonary cell activation. He will illustrate how our understanding of the molecular mechanisms and functions of the lung epithelium and the immune cells during pneumonia will help to develop innovative therapeutic strategies in pneumonia.

Since 1999, Norbert Suttorp has been tenured Professor and Director of the Department of Internal Medicine/Infectious Diseases and Pulmonary Medicine at the Charité - Universitätsmedizin Berlin. After finishing his Medical studies at the University of Münster and Gießen in 1980, he spent his post-doc period at Stanford University in Palo Alto, California, USA. Returning back to the University of Gießen (Department of Internal Medicine) in 1982, Professor Suttorp completed his specialization in the field of Internal Medicine and was offered a C3-professorship of the Herman and Lilly Schilling Foundation in 1993. Professor Suttorp's research on the molecular mechanisms of pathogen induced host cell activation, pathogen detection by the host, the regulation of endothelial barrier function and the analysis of resistance and susceptibility factors of the host for the course of infections (SNPs, genotyping, transcriptome and proteome analysis) has been documented in over 200 peer-reviewed journal articles. Professor Suttorp, who serves as editor and on the editorial advisory boards of many journals, is chairman of the nationwide BMBF funded competence networks "Community Acquired Pneumonia" (CAPNETZ) and "PROGRESS" (Pneumonia Research Network on Genetic Resistance and Susceptibility for the Evolution of Severe Sepsis).

Mittwoch, 06. Februar 2013, 17.15 Uhr

Veranstaltungsort:

Seminarraum des Instituts für Klinische Mikrobiologie, Immunologie und Hygiene, Wasserturmstraße 3/5, 1. Stock
(Zugang: rückwärtiger Hörsaalzugang gegenüber der Orangerie)

Für Rückfragen wenden Sie sich bitte an:

Prof. Dr. med. Christian Bogdan

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