

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:

Novel monogenic disorders of the human immune system: from genetic defects to gene therapy

Prof. Dr. med. Dr. sci. nat. Christoph Klein

Klinik für Pädiatrische Hämatologie/Onkologie, Medizinische Hochschule Hannover.
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Primary immunodeficiencies are congenital disorders which lead to defined defects of the innate or adaptive immune system and frequently to severe and complex clinical phenotypes involving multiple organ systems. The advent of modern methodologies in experimental and clinical immunology and genetics allowed to resolve the molecular basis of several of these inborn immunodeficiencies. In addition, it became possible to develop novel gene therapies for some of the monogenic disorders, which will be the focus of the lecture of Professor Christoph Klein.

Christoph Klein is full professor and director of the Department for Pediatric Hematology and Oncology at the Medical School of Hanover. He studied medicine at the University of Ulm and at the University of Munich (LMU), where he earned his M.D. degree in 1991. Subsequently, he received a clinical and scientific training in pediatrics, immunology and hematology at the Dr. von Hauner'schen Kinderspital in Munich, at the Hôpital Necker Enfants Malades in Paris, at the Universitätskinderklinik in Freiburg and at the Children's Hospital and Dana Farber Cancer Institute, Harvard Medical School, in Boston. From 2000 until 2008 he was senior registrar at the Department of Pediatric Hematology and Oncology in Hanover. Since 2001 he has been head of the Clinical Research Group "Stem cell transplantation and immunomodulation" funded by the German Research Foundation. Professor Klein is a world expert on the molecular etiology and pathophysiology of various disorders of innate immunity (such as congenital neutropenia and functional neutrophil deficiencies), of pediatric inflammatory bowel diseases, and autoimmune disorders. His group has established pioneering gene-based therapeutic strategies such as hematopoietic stem cell gene therapy for patients with Wiskott-Aldrich syndrome. Professor Klein has received numerous prestigious awards including the GlaxoSmithKline Award for Clinical Research in 2007 and the Gottfried Wilhelm Leibniz-Price of the German Research Foundation (DFG) in 2010.

Mittwoch, 02. Februar 2011, 17.15 Uhr
(45 Minuten Vortrag plus Diskussion)

Veranstaltungsort:

Seminarraum des Mikrobiologischen Instituts – Klinische Mikrobiologie, Immunologie
und Hygiene, Wasserturmstraße 3/5

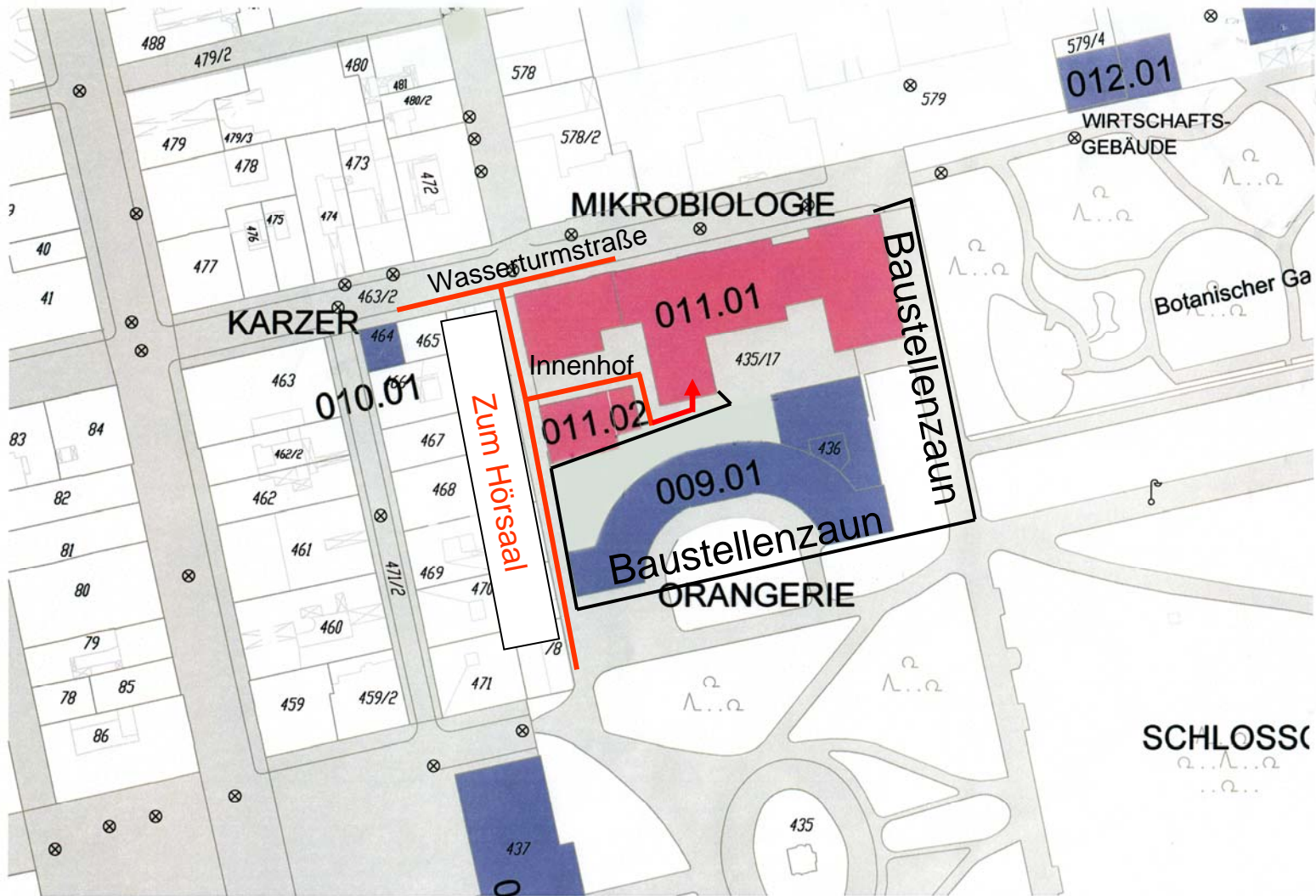
(Eingang: über den Innenhof auf der Rückseite des Hauptgebäudes; siehe beiliegenden Plan)

Für Rückfragen wenden Sie sich bitte an:

Prof. Dr. med. Christian Bogdan

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