



LECTURE SERIES & WORKSHOPS

INFECTION & IMMUNITY

06

DEC. 2018

Thursday

LECTURE

*Lycée Guillaume Kroll
d'Esch/Alzette*

*Salle de Projection**

11.00 am - 12.00 pm

MEET & EAT*

light lunch provided

*House of BioHealth,
Room Françoise
Barré-Sinoussi*

12.30 - 2.00 pm



*Please register sending a mail to
florence.henry@lih.lu



SPEAKER

Prof. Jürgen RULAND

Chair for Clinical Chemistry and
Pathobiochemistry
Department of Medicine
Institute of Clinical Chemistry and
Pathobiochemistry, Klinikum rechts
der Isar, Technische Universität München
(TUM), Munich, Germany

IMMUNE RECEPTOR SIGNALING IN HOST DEFENSE AND CANCER

ABSTRACT

Pathogen sensing by receptors of the innate and adaptive immune system is essential host defense against infection. Moreover, immune cells are in principle also capable of recognizing and destroying cancer cells. Yet, aberrant immune signaling can also directly promote initiation and development of malignant disease by creating inflammatory environments and by suppressing natural antitumor immune responses. Furthermore, immune cells themselves can be targets of malignant transformation,

and human lymphomas and leukemias are frequently driven by mutations influencing immune receptor signaling pathways. Along these lines, we will discuss new insights into the regulation and function of C-type lectin receptors (CLRs) and their associated signaling pathways in innate immunity and within tumor microenvironments and current results related to the mechanisms through which deregulated signals from antigen receptors promote lymphomagenesis.

HOST:

Department of Infection
and Immunity

RESPONSIBLE LIH SCIENTIST:

Prof. Dirk Brenner

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Supported by:



* Opposite Luxembourg Institute of Health, House of BioHealth,
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