

23 APR
2026

Thursday

LECTURE

MEET & SWEETS *

13:30 - 14:30 + 30 min. Q&A

15:00 - 16:30



Living in tissues: Innate lymphoid cells and adaptation of tissue function



ABSTRACT

Innate lymphoid cells (ILC) are a recently discovered group of tissue-resident innate lymphocytes, that often take up residency in tissues during embryonal development. A current focus of our research is to obtain a molecular understanding of how the innate immune system and in particular ILC, by integrating environmental signals (such as those from the indigenous microbiota), contribute to tissue physiology. Recent studies have revealed ever more intriguing relationships between ILC and basic developmental and biologic processes that are likely to reveal unsuspected pathways by which the immune system might be plumbed to improve health and healthspan. These lines of research have suggested new paradigms for the immune system and for processes such as tissue homeostasis, tissue resilience, morphogenesis, metabolism, regeneration and growth.

SPEAKER

Prof. Dr. Andreas Diefenbach

Professor and Chair, University Medicine Berlin, Institute of Microbiology, Infectious Diseases and Immunology (I-MIDI)
Founding Director, The Berlin Centre for the Biology of Health
Spokesperson, Cluster of Excellence ImmunoPreCept (EXC 3118)
Director, Re-Thinking Health faculty

HOST:

Lecture series coordinated by the Luxembourg Institute of Health, the University of Luxembourg, and the Luxembourg Institute of Science and Technology, and organized within the framework of the MICRO-PATH Doctoral Training Unit coordinated by the University of Luxembourg and the Luxembourg Institute of Health

RESPONSIBLE SCIENTIST:

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* Please note that registration is mandatory for meeting after presentation by sending an email to michelle.roderes@lih.lu

Location:

House of BioHealth
Big conference room at the ground floor
29, rue Henri Koch,
L-4354 Esch-sur-Alzette