

ACME Seminar

Speaker

Dr. Emanuel Wyler

Title

Investigating virus infections using high-resolution transcriptomics

When

27.08.2026, 13:00

Where

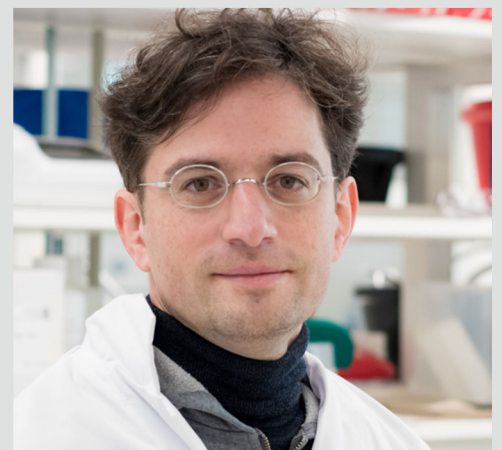
Lecture Hall Q

Host

Prof. Beate Sodeik

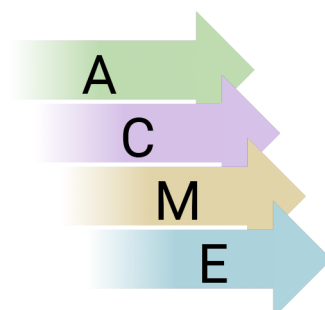
Dr. Emanuel Wyler works in the group of Prof. Markus Landthaler

Their main research interest is the understanding of post-transcriptional regulatory networks that control gene expression. Post-transcriptional regulation is highly versatile and adaptable in exploiting cellular time and space. microRNAs and RNA-binding proteins play a key role in the regulation of spatial and temporal changes in protein synthesis through control of mRNA transport, storage and translation. Deregulation and failed coordination of these mechanisms contribute to the pathophysiological development and conditions. A prerequisite for a systems level understanding of post-transcriptional regulation is a transcriptome-wide high-resolution map of RNA-protein contacts that allows us to study how these interactions control the fate of mRNAs.



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***Activation of Cellular
anti-Microbial***