

Improving Biomedical Translation through Flexible Evidence Generation Strategies

Guest Talk at the Physiology Colloquium



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Abstract: Translating findings from basic research into patient benefit is challenging and faces high attrition rates. Here, I will introduce a framework that guides researchers throughout their preclinical research process to improve evidence generation. Based on this framework, I will present results from three distinct approaches to improve the credibility of preclinical findings. I will focus particularly on several large scale preclinical multi laboratory studies that set out to confirm their exploratory findings. I will compare the different approaches and their suitability to inform decision to engage in clinical trials.

Time: Tuesday, December 2, 2025, at 11:30 AM

Place: Library of Microbiology (Elevator D5, hallway D, 6th floor, room 35), Uniklinik RWTH Aachen, Pauwelsstraße 30, Aachen

Host: Prof. Dr. Angelika Lampert

For a meeting with Ulf Tölch, please contact aneureiter@ukaachen.de.

