

MEDICAL EXCELLENCE: INNOVATION TRANSFER IN SWITZERLAND

FRIDAY, SEPTEMBER 4, 2026, AURA ZÜRICH



Prof. Dr. med. Emanuela Keller

Senior Physician Institute of Intensive Care Medicine, University Hospital Zurich (USZ)

Session 1

Successes and Challenges of Innovation Transfer

🕒 Presentations

Prof. Emanuela Keller is the head of the Neurosurgical Intensive Care Unit at the University Hospital Zurich and a Professor ad personam at the University of Zurich. She is an internist and intensive care specialist who focuses on neurocritical care. She is also a serial medtech entrepreneur. In 2007, she founded the USZ spin-off NeMoDevices, today Luciole Medical. Since 2014, she has been developing the ICU Cockpit, an IT platform that collects multimodal data at up to 200 Hz from every device at a neuro-ICU bedside. The platform uses AI to create decision support systems and implement them in clinical practice. Prof. Keller is active in the Swiss innovation ecosystem. She is a member of the Swiss National Science Research Council and a former member of the Innovation Council Innosuisse. She was also a member of the Sounding Board NFP 78, the BRIDGE Discovery Evaluation Panel, and today the ZKB Pionierpreis Technopark Jury as well as several private foundations. She will bring the hospital innovation hub perspective to the session, discussing how clinician-initiated use cases become validated tools and what it takes to embed AI into a live clinical environment.