



InReMed

Innovations in Regenerative Medicine

Monday, February 26th, 13:00 – 14:00

Wagistrasse 12, 9th floor, Founders Lab

Prof. Dr. Katharina Maniura

Head of the Laboratory Biointerfaces, Empa



Biointerfaces in Regenerative Medicine

The Biointerface team at Empa develops microphysiological and microbiological in vitro models for the understanding of interactions with materials at the molecular and cellular level. We develop biointerfaces by synthesis, surface modification and biological functionalisation to steer the biological response of materials. Our biological expertise allows us to function as important link between Empa and clinics, which represents a key component in the interdisciplinary research strategy of Empa. A selection of projects and approaches in the area of regenerative medicine and materials approaches to fight antimicrobial resistance will be presented.

