



BioEM 2025

Thursday 26 June 2025

**Oral Session 10: Emerging Biophysical Methods: From Cellular Dielectrophoresis to Environmental Biosensing - Les Dortoirs (09:30 - 10:30)**

-Conveners: Olivia Peytral-Rieu; Elham Salimi

time	[id] title	presenter
09:30	[330] Uhf-dielectrophoresis as a tool for predicting tumor mutational burden through biophysical analysis	BLASCO, Nina
09:45	[331] Bacteria-based Electrochemical Impedance sensor: towards a biosensor for pollutants detection in water	RICO, Antoine
10:00	[332] Using microwaves of 18 GHz as a novel method for bacterial transformation	LINKLATER, Denver
10:15	[333] Assessment of intracellular dielectric properties of cancer cells using dielectrophoretic measurments	CHETOUANE, Thamila