

BioEM 2025

Thursday 26 June 2025

Workshop 3: Molecular mechanisms of EM effects - La Nef (16:30 - 18:00)

-Conveners: Michal Cifra; Lea Rems

time	[id] title	presenter
16:30	[360] Revealing preferential electroporation sites in cell plasma membranes using molecular dynamics simulations	REMS, Lea
16:45	[361] Why do electric fields open pores in biomembranes?	MARQUES, Carlos
17:00	[362] EMF interactions with cells: different mechanisms leading to different applications.	VALLET, Leslie
17:15	[363] Effects of Intense Electric Fields on TRPV4 Ion Channels: investigating the role of water with a molecular dynamic approach	APOLLONIO, Francesca
17:30	[364] Under the influence: electric fields at play from within and without – adventures in field-manipulation of proteins, water and biological systems	ENGLISH, Niall
17:45	[365] Effects of Pulsed Electric Fields on Proteins: Insights from Modeling and Experimental Studies	CIFRA, Michal