

	Monday 13. 11.	Tuesday 14. 11.	Wednesday 15. 11.	Thursday 16. 11.	Friday 17. 11.	Saturday 18. 11.
8:30	Registration					
9:00	Opening lecture D. Miklavčič	Tissue in electric field D. Miklavčič	Electroporation and electropermeabilisation L.M. Mir	Gene electrotransfer <i>in vivo</i> M. Čemažar	Electrochemotherapy from bench to bedside: principles, mechanisms and applications G. Serša	Development of devices and electrodes D. Miklavčič
9:30	Resting and induced transmembrane voltage T. Kotnik					
10:15		Coffee break	Coffee break	Coffee break	Coffee break & Demo of electroporators	
10:30						
10:45	Coffee break	Molecular dynamics simulations of lipid bilayers electroporation M. Tarek	Nucleic acids electrotransfer <i>in vitro</i> M. P. Rols	Prophylactic and Therapeutic Applications of Gene Electrotransfer R. Heller	Electrochemotherapy in clinical practice J. Gehl	Coffee break
11:00	The Biophysics of Cell Membrane Electroporation L. Rems					
11:40						Will pulsed field ablation change treatment of cardiac arrhythmias A. Verma
12:00	Short presentations	Short presentations	Lunch break	Short presentations	Short presentations	Closing lecture L. M. Mir
12:20						
12:30						
12:50	Lunch break	Lunch break		Lunch break	Lunch break & Demo of electroporators	Lunch break (shorter)
14:00	Enhancing the FDA's Regulatory Science Approach for the Review of PFA/IRE Devices K. Blinova	Advances in irreversible electroporation technology and novel clinical applications R. Davalos	Social event  Private discussion with the lecturer	The use of moderate and high voltage electric fields in food processing and the circular bioeconomy J. Lyng	Collateral effects of Electroporation (heating, pain&contraction, electrochemistry) A. Ivorra	Exams
14:30	Human in vitro assay for non-clinical evaluation Pulsed Field Ablation treatments M. Casciola					
15:00	Practical work	Practical work		Practical work / Faculty members meeting	Practical work	Certificates and goodbye
17:30						
18:00	Networking dinner					