

	Monday 19.11.	Tuesday 20.11.	Wednesday 21.11.	Thursday 22.11.	Friday 23.11.	Saturday 24.11.
9:00	<b>Opening lecture</b> D. Miklavčič	<b>Lipid membranes electroporation: insights from molecular dynamics simulations</b> M. Tarek	<b>Nanoelectropulses in theory and practice</b> P.T. Vernier	<b>Electroporation in electrochemotherapy of tumors</b> M. Čemažar	<b>Gene electrotransfer <i>in vitro</i>: a 30 years old story</b> M.P. Rols	<b>Development of devices and electrodes</b> D. Miklavčič
9:15				<b>Clinical electrochemotherapy</b> G. Serša		
9:30						
9:45	<b>Resting and induced transmembrane voltage</b> T. Kotnik	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
10:00						
10:15						
10:30						
10:45						
11:00	<b>Electric properties of tissues and their changes during electroporation</b> D. Miklavčič	<b><i>In vitro</i> cell electroporabilization</b> J. Teissié	<b>Electroporabilization <i>in vivo</i></b> L.M. Mir	<b>Electrofusion of cells: tools for new therapies</b> J. Teissié	<b>Drug and gene delivery in the skin by electroporation</b> V. Preat	<b>Electrotransfer for DNA vaccines</b> V. Preat
11:15						
11:30						
11:45						
12:00	Student presentation	Student presentation		Student presentation	Student presentation	<b>Closing lecture: summary and perspectives</b> L.M. Mir
12:15						
12:30	<i>Lunch break</i>	<i>Lunch break</i>	Trip to Škocjan Caves  Bus departure at 12:15	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break (shorter)</i>
12:45						
13:00						
13:15						
13:30						
13:45						
14:00	<b>Electroporation in food processing</b> C. Siemer	<b>Safety and toxicity of electroporation</b> J. Gehl		<b>Numerical approaches to capture the thermal response of tissue during electroporation-based therapies</b> R. Davalos	<b>Cell-specific targeting strategies for electroporation-mediated gene delivery in the lung</b> D.A. Dean	Exams
14:15						
14:30						
14:45						
15:00	Practical work	Practical work		Practical work	Practical work	<i>Break</i>
15:30						
16:00						
16:30						
17:00						
17:30						<b>Certificates and goodbye</b>
18:00		<b>Special lecture: Unifying the concepts of cell electroporation and cell electroporabilization</b> L.M. Mir				
18:30	<b>Welcome dinner</b> Sokol restaurant	University of Ljubljana			<b>Gala dinner</b>	