

EBTT Short presentation programme

Monday, November 14th:

Chair: Mounir Tarek

Real-time analysis of electroporation phenomenon of individual cells

Anne Calvel

Microsystem for culture, monitoring and electroporation of spheroids

Pauline Bregigeon

Molecular dye transportation through GUVs bilayer under Pulse electric field exposure

Rupesh Kumar (ONLINE)

Tuesday, November 15th:

Chair: Julie Gehl

Reactive Oxygen Species Electrochemistry on Stainless Steel Electrodes in Physiological Conditions

Eva Miglbauer

Tumor location methodology by means of neural networks and multi-electrode structures

Pablo Briz Zamorano

Electroporation mediated protein elution from CHO and 4T1 cells

Salvijus Vykertas

Autophagy is involved in lipid droplet formation and cancer cell survival in starved HeLa cervical cancer cells

Maida Jusović

Thursday, November 17th:

Chair: Marie-Pierre Rols

Cytosolic RNA sensors activation in murine melanoma B16F10 cells using plasmid DNA encoding Interleukin- 12 gene electrotransfer

Ajda Medved (ONLINE)

Gene electrotransfer using commercial porous inserts

Tina Cimperman

Towards pharmacological treatment screening of cardiomyocyte cells

Natalia Naumova

Enhanced Cell Killing Effects of Combination of Nanosecond Electric Pulses and Microsecond Electric Pulses

Wencheng Peng

Toll-like receptors 2 and 4 differentially regulate the self-renewal and differentiation of spinal cord neural precursor cells

Marina Sanchez (ONLINE)

Friday, November 18th:

Chair: Gregor Serša

New high frequency electroporation protocols for human and veterinary

Alexia de Caro

Evidence of the Bystander Effect After Calcium Electroporation, Bleomycin Electrotransfer and Irreversible Electroporation

Neringa Barauskaite

Use of electroporation to influence the process of cell differentiation by modulating calcium oscillation in mesenchymal stem cells and induced neural stem cell

Romain Fernandes