

EBTT Short presentation programme

Monday, November 15th:

Chair: Damijan Miklavčič

Pulsed electric field and plasma assisted treatment of microalgae *Chlorella vulgaris*

Kamilė Jonynaitė

Biological response of *Chlorella vulgaris* to pulsed electric field treatment for improvement of protein extraction

Damaris Krust

Tuesday, November 16th:

Chair: Mounir Tarek

Current Density Imaging for Assessing Electrical Anisotropy in Muscle Tissue

Marko Stručić

Custom-made Four-electrode Probe for Measurement of Electrical Conductivity of Human Blood at Frequencies below 100 kHz

Niko Ištuk

A flexible, implantable, bioelectronic electroporation device for targeted ablation of seizure foci in the brain in temporal lobe epilepsy

Rita Matta

Thursday, November 18th:

Chair: Marie-Pierre Rols

Overcoming Diverse Length-Scales During Gene Electro-Transfer

Shaurya Sachdev

Gene Electrotransfer for Vaccination Against COVID-19

Živa Modic

The influence of ion channel blockers on prolonged membrane depolarization following conventional electroporation

Anja Blažič

Histologic changes of porcine portal vein anastomosis after electrochemotherapy with bleomycin

Urban Stupan

Friday, November 19th:

Chair: Luis M. Mir

Modelling of non-invasive drug delivery through skin electroporation

Georgios Kougkoulos

Bleomycin based electrochemotherapy for deep-seated soft tissue sarcomas- initial results in Szeged, Hungary
Aurel Ottlakan

New non-invasive and real-time imaging modality to evaluate the effects of electrochemotherapy on melanoma
Bastien Jouanmigueou

Expression of leukocytes and PMCA isoform 1 and 4 in calcium electroporated cutaneous metastases from different cancer histologies
Sara Willum Bro