

| | THURSDAY 19 OCT | FRIDAY 20 OCT | SATURDAY 21 OCT |
|----|--------------------|--|--|
| 9 | :00 | Opening remarks | |
| | :15 | In memoriam of Prof. Jolanta Saczko - prof. Julita Kulbacka | Ions, membranes and channels: from the quantum level to continuum modeling prof. Mounir Tarek |
| 10 | :30 | | Hydrazones: simple yet powerful bioactive compounds Robert Kaplanek, PhD |
| | :45 | New modalities of electroporation for drug and gene delivery: MHz bursts versus contactless high magnetic fields prof. Vitalij Novickij | Strategic Pre-Treatment Planning for Electroporation-Based Biomedical Applications on Superficial Tumors Malyško-Ptašinská Veronika |
| | :00 | | The effect of calibration technique on the stability of liposomes in formulation against the infection progress of virus SARS-CoV-2 Olga Michel |
| | :15 | The influence of asymmetrical electric fields with calcium ions or bleomycin on ovarian carcinoma Zofia Lapińska | Pulse Burst Compression for Calcium Electrochemotherapy of C57BL/6J carcinoma tumors Eivina Radzevičiūtė-Vaičiukė |
| 11 | :30 | Reversal of doxorubicin resistance in human colon cancer cells using microbubble-assisted sonoporation Dawid Przystupski | Exploring the Impact of Electroporation-Induced Extracellular Vesicles on Melanoma Cell Biology Urszula Szwedowicz |
| | :45 | Nanosecond Pulsed Electric Fields Reshaping Immune Checkpoints and Cytokine Landscape in Melanoma Cells Natalia Sauer | |
| | :00 | ATP depletion-mediated cell death during calcium electrochemotherapy Eglė Mickevičiūtė | Effect of natural NF-κβ inhibitors on normal muscle cells and tumor cells of muscle origin - in vitro Justyna Radzka |
| | :15 | Anticancer Activity of Isolated Bioactive Compounds Produced by Fungal Endophytes from the Mokrzyński Forest Magdalena Kloc | Elemental constituents of selected African medicinal plants for fibrosis tumor treatment Prof. Joe Modise |
| | :30 | | Innovative 3D-printed scaffolds with complex porosity for tissue engineering applications. Monika Lewandowska |
| 12 | :45 | | Study of the reaction of benzyl alcohol with atomic chlorine Dariusz Sarzyński |
| | :00 | | Functionalized liposomes for targeted drug delivery Karolina Krajewska |
| | :15 | | |
| | :30 | | |
| 13 | :45 | | |
| | :00 | | |
| | :15 | | |
| | :30 | | |
| | :45 | | |
| 14 | :00 | | |
| | :15 | | |
| | :30 | | |
| 15 | :45 | | |
| | :00 | | |
| | :15 | | |
| | :30 | | |
| 16 | :45 | | |
| | :00 | | |
| 17 | :15 | | |
| | :30 | | |
| | | | |