



Newsletter No. 96

2nd Slovenian Congress on Electroporation

Newsletter by: Gregor Serša, Ljubljana Institute of Oncology, Ljubljana, Slovenia
gsersa@onko-i.si

The 2nd Slovenian Electroporation Congress was an important event contributing to further the development of electroporation research. The congress, which was jointly organized by the Institute of Oncology and the University of Ljubljana, Faculty of Electrical Engineering, took place on 15 and 16 March, 2024 at the Faculty of Electrical Engineering in Ljubljana. It was more than a meeting of experts, it was a catalyst for innovation, collaboration and the intersection of basic research and clinical applications.

A highlight of the congress was the focus on translating the results of basic research into practical clinical applications. Presentations and discussions explored the diverse applications of electroporation in the treatment of a variety of conditions, including cardiac arrhythmias and gynaecological tumours. These insights not only shed light on the current state of the field, but also stimulated new avenues of collaboration between researchers and clinicians.

The congress program covered a wide range of topics and perspectives. Invited speakers: Matevž Jan, Urška Kamenšek, Bor Kos, Urša Lampreht Tratar, Sebastjan Merlo, Nina Kovačević and Lea Rems, provided valuable insights into the practical applications and theoretical foundations of electroporation. From discussions on clinical experiences to exploring the potential of electroporation for COVID-19 vaccination, each presentation offered a unique perspective on the transformative potential of this technology in healthcare. In addition, the congress included sessions dedicated to veterinary oncology, highlighting biomarkers for electroporation-based therapies. These discussions underscored the far-reaching impact of electroporation in various medical fields.

I am pleased to report that the poster sessions played a crucial role in showcasing the work of promising young researchers and physicians. These presentations provided a platform for emerging scientists to showcase their cutting-edge research projects and foster dialog and collaboration among attendees. Reflecting on the congress, I am deeply impressed by the passion and commitment of all participants to advance the field of electroporation. Whether seasoned experts or aspiring scientists, each contribution enriched our collective understanding and advanced the progress of this transformative technology.

Continued verso...



Newsletter Editor

Damijan Miklavčič
University of Ljubljana, Slovenia
damijan.miklavcic@fe.uni-lj.si

Newsletter Technical Editor and Website Administrator

Samo Mahnič-Kalamiza
University of Ljubljana, Slovenia
samo.mahnic-kalamiza@fe.uni-lj.si

Society Council Members

Javier Raso, ES
President

Emanuela Signori, IT
President-Elect

Lluis M. Mir, FR
Past President

Wolfgang Frey, DE &
Antoni Ivorra, ES
*Officer: Engineering / Physical
Sciences*

Marie-Pierre Rols, FR &
Claudia Muratori, US
Officer: Biological Sciences

Julie Gehl, DK
Officer: Medical Applications

Federico Gómez Galindo, SE
Officer: Food Applications





...continued from previous page

In addition to the insightful sessions, attendees had the opportunity to visit the recently renovated and newly equipped experimental laboratories of the Laboratory of Biocybernetics which will undoubtedly enable to deepen the understanding of electroporation techniques and applications.

Looking into the future, the congress serves as a springboard for future advances in electroporation research. The connections made, ideas exchanged, and collaborations set in motion at this event will undoubtedly spur innovative research efforts in the years to come. From the development of novel electroporation-based therapies to the refinement of existing protocols, the future holds great promise for the continued development of this transformative technology.

In closing, I would like to express my sincere gratitude to everyone who contributed to the success of the 2nd Slovenian Congress on Electroporation – participants, speakers, sponsors, and organizers alike. Your commitment, dedication and passion for the advancement of electroporation have left an indelible mark on this event, and I look forward to the continued impact of your collective efforts in the years to come.



Forthcoming events

XXVIII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society

Madrid, May 19 – 23, 2024

<https://congresosalcala.fgua.es/bes2024>

9th European Medical and Biological Engineering Conference

Portorož, June 9 – 13, 2024

<https://www.embec2024.org/>

18th interdisciplinary postgraduate course and international workshop Electroporation Based Technologies and Treatments (EBTT)

Ljubljana, November 11 – 16, 2024 (*on-site* and *on-line* event)

<https://2024.ebtt.org/>

Society Council Members (cont.)

Eugène Vorobiev, FR
Officer: Environment Applications

Christian Gusbeth, DE &
Peter Kramar, SI
Officer: At Large

Rafael Davalos, US
Treasurer

Mihaela G. Moisescu, RO
Secretary

Social Media Committee

Tomás García Sánchez, ES
Govind Srimathveeravalli, US
Mariana Morales de la Peña, MX
Antoni Ivorra, ES



www.linkedin.com/company/isebtt/



twitter.com/ElecPorationNET



kongres2023.elektroporacija.si

Visit the Congress homepages
for more information, the
programme, and the abstracts
book.

kongres2024.elektroporacija.si



Newsletter is issued in electronic form only by The International Society for Electroporation-Based Technologies and Treatments (ISEBTT).

ISSN: 2463-9850

© 2016-2024 ISEBTT