



## Newsletter No. 54

The annual Electroporation-Based Technologies and Treatments Scientific Workshop & Postgraduate Course goes online for 2020

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The current global health situation and the spread of the new SARS-CoV-2 virus, and in particular measures to prevent the spread of the disease in Slovenia, prevent us from organizing Electroporation-Based Technologies and Treatments EBTT 2020 in its standard format. Nevertheless, we think it is important not to dismiss almost twenty years of tradition. We thus decided to organize the EBTT online this year.

We understand it is impossible to expect participants/students to sit in front of their computers from morning until late afternoon, and then follow/participate to the lab-works on top of that. That is the usual daily schedule of the EBTT School, but we are normally confined to the lecture room with traditional terrible November weather in Ljubljana. Since we are now staying each at our own location with numerous interruptions and distractions, we decided to organize the School over a longer/extended period of three weeks. The School will start on Monday, November 16 with registration and opening lecture by D. Miklavčič, and will end with examination and traditional opening of the chocolate on Friday, December 4.

We also understand that geographical spread of participants will make it difficult to be online "at the same time", as this would mean morning for some, afternoon for the others, and even night for some of you. We thus decided to offer core lectures as pre-recorded lectures to watch at your pace and leisure in the comfort of your office or home, at your preferred time of day. To keep the socializing spirit and actually be able to exchange opinions and participate, we will have live short presentations and the invited lecture every afternoon from 14:30 to 16:00 (Central European Time – CET). The program is available at [2020.ebtt.org/?id=7](http://2020.ebtt.org/?id=7).

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Electroporation-Based Technologies and Treatments Postgraduate Course and Scientific Workshop has been organised since 2003 as a biennial event. Due to increasing interest and to maintain the high quality and standards, the EBTT became an annual event in 2011. Since then it is organised every November. Following its format and success: core lectures in the morning, including short presentations before lunch by participants/students, and poster viewing during the coffee breaks, followed by invited lectures after lunch and lab works in late afternoon; PEF school in food technology and Bioelectrics workshop were established ([pefschool2019.electroporation.net](http://pefschool2019.electroporation.net), [tinyurl.com/bioelectrics2018](http://tinyurl.com/bioelectrics2018)). The EBTT in Ljubljana has been, thus far, attended altogether by 844 participants from 41 countries ([www.ebtt.org](http://www.ebtt.org)) – read more at [2020.ebtt.org/images/AboutEBTT.pdf](http://2020.ebtt.org/images/AboutEBTT.pdf).



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Thus we will gather all at the same time to listen for the most recent advances in electroporation and electroporation-based technologies and treatments, and to have a forum for live discussion. The program is available at [2020.ebtt.org/?id=7](http://2020.ebtt.org/?id=7). In addition to these live meetings/webinars, we will also open a forum for posting questions to specific lectures and lecturers, who will then be asked to respond.

Finally, some of the lab works are adapted for online the others (mainly wet labs) will be conducted by tutors as live webinars with pre-recorded video material. All those who are requesting ECTS credits will be requested to actively participate during at least three selected lab works (of their choice) and submit a report on completion of requested assignments; and of course take the exam on Friday, December 4. The platform for video conferencing and recording of video material was made possible by our sponsors, who have recognized the importance of continuing education and training in the field of electroporation.

We still have places, and we are accepting your abstracts until November 8 – please use the template and registration form available at [2020.ebtt.org/?id=4](http://2020.ebtt.org/?id=4).

We sincerely hope you will be able to join us this year online, and that we will gain experience and successfully organize the EBTT School under these unfortunate conditions. The experience will – I am sure – make it possible to offer knowledge and experience also in the future to students and novices that normally would have difficulties in affording the long travels and being kept away from their daily routine.



Videorecording lab works in preparation of this year's online EBTT.

## Forthcoming events

### Electroporation-Based Technologies and Treatments – online

November 16 – December 4, 2020

<http://2020.ebtt.org>

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# 危機

Danger Opportunity

*Crisis' in Chinese: every crisis  
offers new opportunities.*

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