ISEBTT | International Society for Electroporation-Based Technologies and Treatments

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WC2026 · DAYTONA BEACH, FLORIDA

A Global Community Comes Together: Reflections on the 6th World Congress on Electroporation

Richard Heller and Hao Lin | University of South Florida · Rutgers School of Engineering, USA

The 6th World Congress on Electroporation and Pulsed Electric Fields in Biology, Medicine, Food, and Environmental Technologies brought our international community together in Daytona Beach, Florida. As conference co-chairs alongside our executive committee members, we were delighted to welcome colleagues whose work spans fundamental science and applications across medicine, food processing, and environmental technologies.

At the opening ceremony on September 28, we emphasized a conviction that underpins this congress: science transcends politics, borders, and boundaries. At a time when international exchange faces considerable challenges, the willingness of colleagues to travel, share their research, and learn from one another carries particular significance. Their participation affirmed the value of a scientific community sustained by openness and collaboration.

This year's congress welcomed 255 registrants and received 233 abstracts. The scientific program featured 10 plenary presentations, 7 educational presentations, 162 oral presentations, and 54 poster presentations. These contributions reflected the breadth of electroporation and pulsed electric field research, bringing different disciplinary perspectives into a shared forum. The combination of educational sessions and research presentations offered opportunities both to deepen foundational understanding and to explore new directions in the field.

The congress has led to a scholarly feast and four journals have agreed to publish this work in special issues (see page 2).

WC2026 IN NUMBERS

Registrants	255
Abstracts	233
Oral presentations	162
Posters	54
Plenary · educational	10 · 7

Early-career programme, special issues and thanks on page 2 →

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EARLY-CAREER PROGRAMME

A central priority was supporting students, postdoctoral researchers, and early-career investigators. Alongside opportunities to present their work, the program included an industry panel and a Career Choice panel, giving participants space to consider professional paths and connections between research and industry. The Three Minute Thesis presentations challenged emerging researchers to communicate the significance of their work clearly and concisely. A dedicated Senior to Young Scientist Gathering provided opportunities for conversations with experienced members of our community about scientific careers and professional development.

Recognition and support for younger colleagues were also integral to the congress. Student Travel Awards helped support participation, while the closing awards program recognized student and postdoctoral contributions. These activities reflect our commitment to helping the next generation find its place within the international electroporation community.

SPECIAL ISSUES

Bioelectrochemistry · Elsevier

Guest Editors Daniela O. H. Suzuki & Guilherme Pintarelli

Submission deadline **16 May 2027**

Please submit via Editorial Manager, Special Issue "Electroporation WC2026".

Bioelectricity · Mary Ann Liebert

Guest Editor Richard Nuccitelli

Submission deadline **16 May 2027**

Food Innovation and Advances · IF 5.4, open access

Guest Editors Gülsün Akdemir Evrendilek, Christian Gusbeth, Sze Ying Leong, Indrawati Oey, and Xinan Zeng

Submission deadline **31 December 2026**

Full APC (article-processing-charge) waiver until then.

Radiology and Oncology · Special section

Guest Editor Gregor Serša

Submission deadline **16 May 2027**

Organizing an international congress depends on many people working toward a shared purpose. On behalf of the conference leadership, we extend sincere thanks to the honorary advisory board, international organizing and executive committees, and scientific program committee for their dedication. We are equally grateful to our sponsors, exhibitors, and travel-award supporters, whose generosity supported the scientific and educational program and broadened opportunities for participation.

Above all, thank you to everyone who joined us in Daytona Beach. Each presentation, question, and conversation contributed to the meeting. It was a privilege to help bring this community together, and we hope the ideas and relationships developed at the congress will continue to grow long after our time in Florida.

Executive Committee Anna Bulysheva, Xiaoyun Ding, Richard Heller, Claire Hur, Mark Jaroszeski, Hao Lin, Sudhir Sastry, Govind Srimathveeravalli, Jeffrey Zahn

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