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Proceedings of the STANDArD 2: Modern Biotechnologies in Sustainable Development of the Danube Delta

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The Romanian Society of Bioengineering and Biotechnology (SRBB), affiliated with the European Federation of Biotechnology (FEB), in collaboration with the National Institute for Research and Development for Biological Sciences (INCDSB), the Center for Functional Genetics, the Institute of Genetics, Physiology, and Plant Protection, State University of Moldova, with the support of the International Centre for Genetic Engineering and Biotechnology (ICGEB), Research Institute of the University of Bucharest (ICUB), CRIOMEC S.A., Banca Comercială Română S.A, and VWR International GmbH, is organizing the conference "Modern Biotechnologies in the Sustainable Development of the Danube Delta" which took place on September 23-24, 2025 in hybrid form, at Murighiol, Tulcea county, Portului street no. 92 at the DANUBIUS Center of INCDSB.

Conference Topics:

- 1. Biotechnologies in aquatic and terrestrial ecosystems; applied biotechnologies in environmental rehabilitation
- 2. Interconnections between biotechnologies, human health, natural products, and personalized medicine & nutrition
- 3. Sustainable development, biodiversity, and bioresources for bioeconomy
- 4. Ecosystem status monitoring (including remote control sensors, observation stations, platforms, etc.)

Chairs:

- Manuela Sidoroff, President of SRBB, Coordinator of the DANUBIUS Department of INCDSB
- Mihaela Păun, Board of SRBB, General Director INCDSB

Scientific Committee:

- Mariana Carmen Chifiriuc, Board of SRBB, Vice-Rector of the University of Bucharest
- Maria Duca, Academician, President of the Center for Functional Genetics, Institute of Genetics, Physiology, and Plant Protection, State University of Moldova
- Simona Carmen Litescu, Board of SRBB, President of the Scientific Committee INCDSB
- Iris Tuşa, Board of SRBB, Coordinator of the Department of Arctic and Antarctic Research, INCDSB