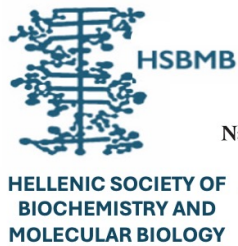


ORGANIZERS:

Ioannis Trougakos (NKUA)

Dimitris Kletsas (HSBMB-NCSR)

Ferhan Sagin (FEBS)



NATIONAL CENTRE FOR
SCIENTIFIC RESEARCH
"DEMOKRITOS"

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18-19 October 2024

University of Athens, Library of the Law School, 104-Solonos St., Athens, Greece

**PROGRAM****October 18, 2024 / FRIDAY****16:00-16:30** Welcome Address

- **Efstathios Efstathopoulos**, Prof., Vice-Rector for Administrative Affairs & Student Welfare, NKUA, Greece
- **Ioannis Trougakos**, NKUA, Greece
- **Dimitris Kletsas**, HSBMB-NCSR, Greece
- **Ferhan Sađın**, FEBS Education and Training Committee, Türkiye

16:30-16:45

Ferhan Sagin, Chair- FEBS Education and Training Committee

What does FEBS Education and Training Committee offer to educators of all stages?

SESSION I: Active learning

Chair: Ferhan Sagin & Dimitris Kletsas

16:45-17:20 (30 min + 5 min Q&A)

Manuel Joāo Costa, Prof., Universidade do Minho, Portugal

Maximizing Engagement: Active Learning Approaches for Large Classes

17:20-17:55 (30 min + 5 min Q&A)

Ali Burak Özkaya, Ass. Prof., School of Medicine, Izmir University of Economics, Türkiye

Digital Tools: Your Allies for Active Learning

17:55-18:20 (20 min + 5 min Q&A)

Evangelia Mavrikaki, Prof., Biology & Health Education, Dept. of Pedagogy and Primary Education, NKUA, Greece

Storytelling as a Pedagogical Tool in Nature of Science Instruction

18:20-18:45 (20 min + 5 min Q&A)

Thomas Babalis, Prof., Dept. of Pedagogy and Primary Education, NKUA, Greece

Konstantina Tsoli, Assoc. Prof., Dept. of Pedagogy and Primary Education, NKUA, Greece

Creativity and Innovation in Higher Education

18:45-19:00

Open discussion

October 19, 2024 / SATURDAY

SESSION II: Artificial Intelligence in Education

Chair: Ioannis Trougakos & Manuel João Costa

9:30-10:15 (40 min + 5 min Q&A)

Robert Harris, Prof., Academic Vice President of Doctoral Education at Karolinska Institutet, Sweden

The Future of Biochemical Education in the AI era

10:15-11:00 (40 min + 5 min Q&A)

David Smith, Sheffield Hallam University, UK

Teaching GenAI as the Next Digital Skill

11:00-11:30 Open discussion

11:30-12:00 Coffee break

12:00-13:30 PARALLEL WORKSHOPS

Integrating Active Learning Strategies in large classes: A Hands-On Workshop
Manuel João Costa
(Universidade do Minho, Portugal)

The Power and Peril of AI in Bioscience Education
David Smith
(Sheffield Hallam University, UK)

Communication Between the Mentor and the Student: Conflict Management & Efficient feedback
Robert Harris
(Karolinska Institute, Sweden)

13:30-15:00 Lunch break

SESSION III: Postgraduate Education, Academic Integrity, Bioethics and Ethical Considerations in Education

Chair: Emanuel Fragoulis

15:00-15:35 (30 min + 5 min Q&A)

Gül Güner, Professor, School of Medicine, Izmir University of Economics, Türkiye

Post-graduate Education: Training Tomorrow's Scientists

15:35-16:10 (30 min + 5 min Q&A)

Xavier Coumoul, Professor of Biochemistry and Toxicology, University Paris Descartes, France

Ethics at the Heart of Training of Scientists: a Crucial Issue for the Future of Research

16:10-16:35 (20 min + 5 min Q&A)

Martha Georgiou, Laboratory Teaching Staff, Faculty of Biology, NKUA, Greece

Promoting active teaching and learning through socio-scientific issues

16:35-17:00 (20 min + 5 min Q&A)

Paschalis Doulias, Associate Professor, Department of Chemistry, University of Ioannina; Institute of Biosciences, University Research Center of Ioannina; HSBMB, Education programs, Greece

Transforming a biochemistry lecture into a virtual lab

17:00-17:20 Coffee break

17:20-18:00 Short talks (10 min x 4 talks)

18:00-18:30 Open Discussion – Closing Remarks