



BIOMEDICAL ENGINEERING RESEARCH CENTER

BERC

FROM RESEARCH TO CLINICAL IMPACT

Symposium on

"Bridging Biomedical Innovation and Clinical Practice: From Discovery to Sustainable Integration"

Objective

The Biomedical Engineering Research Centre (BERC) Symposium 2025 aims to showcase cutting-edge research across its six interdisciplinary domains—spanning sensing and nano-biotechnologies, digital health, robotics and rehabilitation, bioinformatics, imaging and AI, and molecular biosciences. The event seeks to foster dialogue between researchers, clinicians, and stakeholders by highlighting ongoing projects, addressing clinical development and validation challenges. By bringing together expertise from engineering, medicine, and life sciences, the symposium will strengthen collaborations, stimulate translational research, and pave the way for impactful solutions that advance precision medicine, patient care, and healthcare sustainability in Cyprus and beyond.

**29
NOV.
2025**

9.15 – 14.15 hrs

Venue:

**LRC 012 Amphitheater Filippou Tsimploglou
LIBRARY-STELIOS IOANNOU LEARNING
RESOURCE CENTER
UNIVERSITY OF CYPRUS**

Website:

<https://berc.ucy.ac.cy/index.php/events-press>



University of Cyprus
Biomedical Engineering
Research Centre - BERC

FINAL PROGRAM

9:15-9:30

Registration

9:30-9:45

Opening Session

Welcome addresses

- **Prof. Epameinondas Leontides**
Dean of the Faculty of Pure and Applied Sciences
- **Prof. Marina Neophytou**
Dean of the Faculty of Engineering
- **Prof. Constantinos S. Pattichis**
Director of the Biomedical Engineering Research Centre

9:45-10:45

Session 1: BERC Research Areas

Chairperson: Assoc. Prof. Vasilis Promponas
Faculty of Pure and Applied Sciences, University of Cyprus

Sensing, Electronics & Micro- & Nano- Biotechnologies

Assist. Prof. Chrysafis Andreou
Faculty of Engineering, University of Cyprus

Digital Health

Prof. Constantinos S. Pattichis
Faculty of Pure and Applied Sciences, University of Cyprus

Robotics and Rehabilitation

Assist. Prof. Eftychios Christoforou
Faculty of Engineering, University of Cyprus

Bioinformatics, Modelling & Systems Medicine

Assoc. Prof. Vasilis Promponas
Faculty of Pure and Applied Sciences, University of Cyprus

Imaging, Analytics, Artificial Intelligence

Prof. Costas Pitris
Faculty of Engineering, University of Cyprus

Molecular/Cellular Biosciences (-omics)

Assist. Prof. Nikolas Dietis
Medical School, University of Cyprus

10:45-11:15

Coffee Break

Contact Persons:

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Prof. Constantinos Pitris
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Assist. Prof. Nikolas Dietis
Medical School, University of
Cyprus
Email: dietis.nikolas@ucy.ac.cy

11:15-12:15

Session 2: Clinical Development and Validation Challenges

Chairperson: Assist. Prof. Nikolas Dietis
Medical School, University of Cyprus

Precision Medicine in Oncology
Assoc. Prof. Anastasia Constantinidou
Medical School, University of Cyprus

Algorithms in Diagnostic Pathology: Clinical Applications and Emerging Research
Assist. Prof. Ilias Nikas
Medical School, University of Cyprus

Clinical Translation Pathways and Valuation Challenges in Surgical Innovation
Prof. Kostas Lasithiotakis
Medical School, University of Cyprus

Lung imaging: Need to read between the lines
Assist. Prof. Pinelopi Anagnostopoulou
Medical School, University of Cyprus

Prospects for the Use of Artificial Intelligence in Echocardiography in the Intensive Care Unit
Dr. Christina Hadjilouca
Cardiologist, Intensivist, Deputy Director, Intensive Care Unit,
Nicosia General Hospital

12:15-12:30

Coffee Break

12:30-13:30

Session 3: The way forward

Chairperson: Prof. Costas Pitris
Faculty of Engineering, University of Cyprus

- **Round Table Discussion: Roadmap for Sustainable Clinical Integration**
- **Closing Remarks & Next Steps**

13:30-14:15+

Light Lunch

Please register using the following link by Thursday, 27th Nov. 2025
<https://forms.gle/RUK2jQ1No6GT4LW19>

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