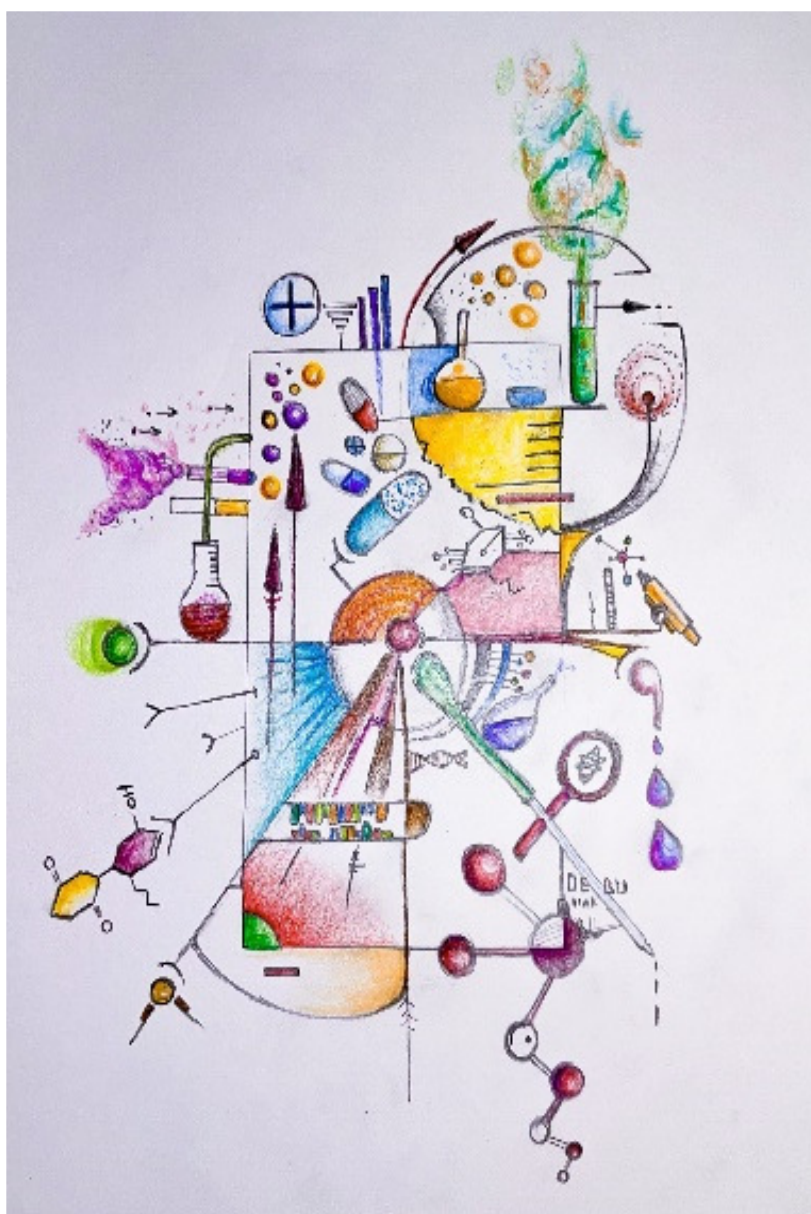


**2023-1-RO01-KA131-HED-000139307-1**

**Bioanalytical (Tele)Monitoring for Life Sciences  
– Medicine, Food Control, Environmental Monitoring**

**PROGRAM**



**September, 2024  
Brasov, Romania**

## Organizers

- Transilvania University of Brasov, Romania

## Partners

- “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania
- “Lucian Blaga” University, Sibiu, Romania
- “G.E. Palade” University of Medicine, Pharmacy, Science and Technology from Targu Mures, Romania
- Fondazione Italiana Fegato – ONLUS, Area Science Park, Basovizza, Trieste, Italy
- Instituto Politecnico Beja, Portugal
- Instituto Politécnico da Guarda, Portugal
- International Centre of Biodynamics, Bucharest, Romania
- Medicine Division of Hospital Medicine of Duke University Hospital, USA
- National Institute of Research and Development for Optoelectronics – INOE 2000, Magurele, Romania
- Synevo Romania
- Universidad de Zaragoza, Spain
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- Università di Torino, Italy
- Università di Trieste, Italy
- University of Ljubljana, Slovenia
- University of Pardubice, Czech Republic
- University of Perpignan Via Domitia, France

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### Co-chairperson

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- Aurelia TUBARO, Department of Life Sciences, University of Trieste, Italy

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• **Thursday, September 19, 2024**

9.00-9.30	On-site	<b>Classic and novel microbial determination methods in life sciences</b> Mihaela IDOMIR (1,2), Carmen-Sarah DALLAGO (COSTINAȘ) (1,2), Delia NICOARĂ (1,2) 1-Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania; 2-Clinical Emergency County Hospital Brasov, Brasov, Romania
9.30-10.00	On-site	<b>Multiplex PCR- role in the diagnosis of infectious disease</b> Anca ILEA, Andrada BANCILA, Robert NEGOI Faculty of Medicine, Transilvania University of Brasov, Romania
10.00-10.30	On-site	<b>Mycotoxins: innovative approaches based on aptamers</b> Jean Louis MARTY (1,2) 1- Sensbiotech, Ceret, France; 2-University of Perpignan Via Domitia, France
10.30-11.00	On-site	<b>Tropane and pyrrolizidine alkaloids in foods and food supplements: analytical problems and risk assessment for general and at-risk populations</b> Patrizia RESTANI, Corinne BANI, Francesca MERCOGLIANO, Chiara DI LORENZO Università degli Studi di Milano, Dept. Pharmacological and Biomolecular Sciences, Italy
11.00-11.30	On-site	<b>Gluten-free bread sensory and texture properties</b> Maria João CARVALHO (1,2,4), Rita S. INÁCIO (1,2,3), Silvina F. PALMA (1,2), Liliana FIDALGO (1,2,5), José F. PALMA (1,2), Manuela COSTA (1), Célia LAMPREIA (1), Miguel FLORO (1), Fernanda FRAGOSO (1), Augustová MONIKA (6) 1- Instituto Politécnico de Beja, Beja, Portugal; 2- MED-Instituto Mediterrâneo para a Agricultura, Ambiente e Desenvolvimento, Évora, Portugal; 3- CBQF – Centro de Biotecnologia e Química Fina, Universidade Católica Portuguesa, Escola Superior de Biotecnologia, Porto, Portugal; 4- MARE- Marine and Environmental Science Centre, Politécnico de Leiria, Peniche, Portugal; 5- LAQV-REQUIMTE, Departamento de Química, Universidade de Aveiro, Aveiro, Portugal 6 - Faculty of Technology Tomas Bata University, Zlin, Czech Republic
11.30-12.00	Online	<b>Analytical approaches for investigating functional properties of polyphenols</b> Chiara DI LORENZO Faculty of Pharmacy, University of Milan, Italy
12.00-12.30	On-site	<b>Machine learning methods and biosensors in pediatric healthcare</b> Ionela MANIU (1,2), Maria TOTAN (3,4) 1- Mathematics and Informatics Department, Research Center in Informatics and Information Technology, Faculty of Sciences, “Lucian Blaga” University, Sibiu, Romania 2- Pediatric Research Team, Clinical Pediatric Hospital, Sibiu, Romania 3- Faculty of Medicine, “Lucian Blaga” University of Sibiu, Sibiu, Romania 4- Clinical Laboratory, Clinical Pediatric Hospital, Sibiu, Romania
12.30-13.30	On-site	<b>Lunch</b>
13.30-17.00	On-site	Practical activities