

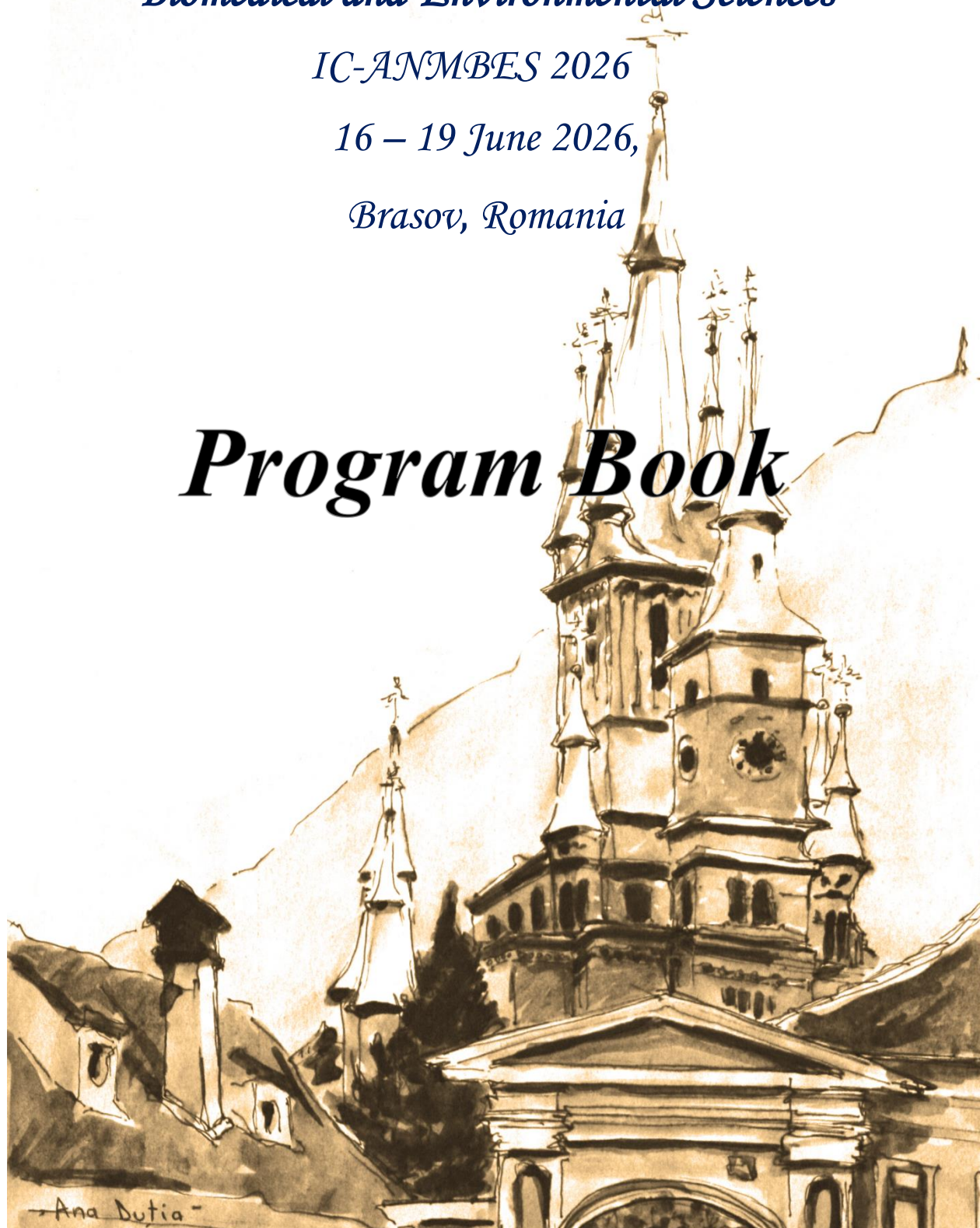
*Analytical and Nanoanalytical Methods for
Biomedical and Environmental Sciences*

IC-ANMBES 2026

16 – 19 June 2026,

Brasov, Romania

Program Book





IC-ANMBES 2026



Welcome Message from the Chairs

Dear Colleagues,

It is our great pleasure to invite you to participate in the 8th edition of the International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, “IC-ANMBES 2026”, which will take place in Braşov, Romania, from June 16th - 19th, 2026, bringing together leading scientists, academics, and professionals from around the world to exchange knowledge and explore the most recent advances in analytical and nanoanalytical sciences.

IC-ANMBES 2026 provides a multidisciplinary platform focused on innovative methodologies, emerging technologies, and real-world applications in biomedical, environmental, food, and materials sciences. The conference aims to strengthen the dialogue between fundamental research and applied sciences. As chairs of this conference, we are proud to facilitate a space where new discoveries can emerge, and cross-disciplinary collaborations can flourish.

This year’s program has been designed to foster deep discussions, inspire innovation, and encourage the exchange of knowledge and ideas. The conference will feature invited lectures from established names and young emerging investigators, regular oral presentations, and poster sessions, ensuring a rich and diverse scientific dialogue. We trust that the variety of topics and high-quality presentations will stimulate fruitful interactions and create lasting professional connections.

Beyond the scientific program, we encourage you to take the opportunity to explore Braşov, a city known for its historical charm and scenic beauty. We hope that your time here will be both intellectually rewarding and personally enjoyable.

Thank you for your participation and contributions, and we look forward to a successful and inspiring IC-ANMBES 2026.

Warm regards,

Monica Florescu,

André Matagne,

Dana Alina Magdas

Conference Chairs, IC-ANMBES 2026



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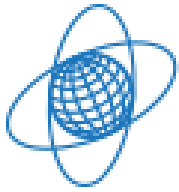
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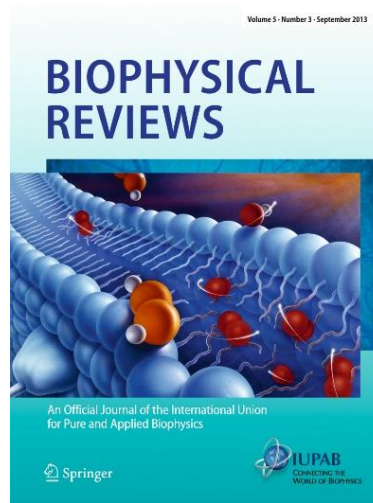
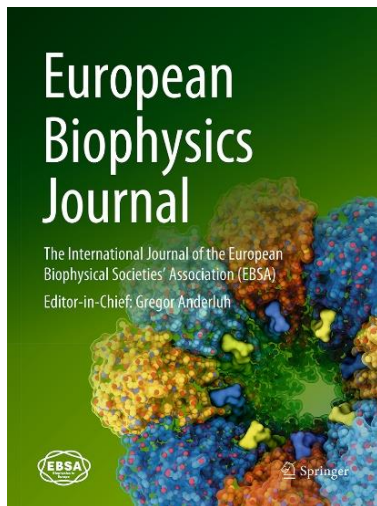
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IC-ANMBES 2026

Supporting Publications:

SPRINGER NATURE Link



and



Topic Collection

For more information on the *Special Issues*, please check the conference website.



Delegates will receive a name-badge at the Information Desk upon registration.

The badge must be worn PROMINENTLY to gain access to:

- the conference lecture room and coffee breaks,
- welcome party, lunch and gala dinner.

Admission will be refused to anyone not in possession of an appropriate badge.

Guidelines for Presentations:

Keynote lectures: 30 minutes (including 5 minutes for discussions)

Invited lectures: 20 minutes (including 2-3 minutes for discussions)

Oral presentations: 15 minutes (including 2.3 minutes for discussions)

Poster presentations: 17-18 June 2026

Please remove posters on the 18th of June, at the end of the day.



IC-ANMBES 2026 Program

Venue: Building Aula Magna of Transilvania University of Brasov,
41 A Iuliu Maniu Street, Brasov, 500091, Romania.



16th June 2026

| | | |
|----------------------|--|--|
| 15:30 – 16:45 | Registration | |
| | Room: Aula Magna Chairs: Monica Florescu, Alina Magdas, André Matagne | |
| 16:45 – 17:00 | Opening Ceremony | |
| | Keynote talks | |
| 17:00 – 17:30 | K-1. Erik Beckert | Fast dielectrophoretic, AI image analysis enabled sorting of single cells in a microfluidic system |
| 17:30 – 18:00 | K-2. Bertrand Raynal | Is mass photometry a new gold standard for mass measurement |
| 18:00 – 18:30 | K-3. Dana Alina Magdas | The integration of data from multiple sources to enhance the capabilities of food recognition models |
| | | |
| 18:30 – 20:30 | Welcome Party | |



17th June 2026

| | | |
|----------------------|--|---|
| 08:30 – 09:00 | Registration | |
| | T5 - Biomedical Innovation & Translational Nanomedicine. Biophysical Approaches for Protein Science | |
| | Room: Aula Magna Chair: Erik Beckert, Mark Wallace | |
| | Keynote talks | |
| 09:00 – 09:30 | K-4. André Matagne | Multiple Roads to Fold: Modular Assembly of a Class A β -Lactamase Monitored by High-Resolution Hydrogen-Deuterium Exchange |
| 09:30 – 10:00 | K-5. Andra C. Dumitru | Multiscale Nanomechanics of Biological Systems Revealed by bioAFM |
| 10:00 – 10:30 | K-6. Stefania Maria Filomena Mitola | VEGFR2-Driven Extracellular Matrix Remodeling Sustains Tumor Growth |
| | Invited early researcher talk | |
| 10:30 – 10:50 | I-1. Julien Mignon | Deciphering the Fibrillation Pathway and Determinants of Paramyxovirus P/V/W Proteins: a Dialogue Between Experimental and Computational Biophysics |
| | | |
| 10:50 – 11:20 | Coffee Break and Poster Session | |
| | | |
| | T2 - AI-Driven Laboratories & Smart Analytics | |
| | Room: Aula Magna Chairs: Gregor Anderluh, Andra C. Dumitru | |
| | Keynote talks | |
| 11:20 – 11:50 | K-7. Mark Wallace | Digital Microfluidics and Microfabrication for Cell Membrane Mimetics |



| | | |
|--|------------------------------------|---|
| 11:50 – 12:20 | K-8. Stefan G. Stanciu | Scattering-type Scanning Near-field Optical Microscopy: Architectural Developments, Applications and Data-Driven Approaches |
| Contributed talks | | |
| 12:20 – 12:35 | O-1. Mihaela Moisescu | Bridging Electrical and Optical Signatures: A Unified Platform for Single-Cell Characterization |
| 12:35 – 12:50 | O-2. Violeta L. Calin | HoloPath – Intelligent Procedure based on Digital Holographic Imaging for Digital Pathology |
| 12:50 – 13:05 | O-3. Constantin Losmanschii | Quantitative Investigation of Cellular Anisotropy Using Polarization Digital Holographic Microscopy |
| 13:05 – 14:00 Lunch | | |
| 14:00 – 15:00 Poster Presentation Session | | |
| T4 - Advancing Analytical Science for a Sustainable Future - Food production and authentication | | |
| Room: Aula Magna | | |
| Chair: Alina Magdas, Mihaela Sofronie | | |
| Keynote talks | | |
| 15:00 – 15:30 | K-9. Isabel Borrás-Linares | Application of HPLC-HR-MS for the Characterization of Bioactive Compounds in Encapsulated Plant-Based Ingredients |
| 15:30 – 16:00 | K-10. Marco Ciulu | The Triple Challenge in Honey Authentication: Dynamic Datasets, Novel Markers and Screening Strategies |



| Invited early researcher talk | | |
|-------------------------------|--|---|
| 16:00 – 16:20 | I-2. Alexandru Nicolescu | Optimization of Extraction Methods for Plant Analysis: Toward Efficient, Sustainable, and Selective Approaches |
| Contributed talks | | |
| 16:20 – 16:35 | O-4. Lacramioara Oprica | Synthesis of Silver Nanoparticles using Grape Pomace Extracts with Superior Visible Light Photocatalytic Activity and Evaluation of their Effects on Wheat (<i>Triticum aestivum</i> L.) |
| 16:35 – 16:50 | O-5. Maria David | Multi-analytical Approaches Applied for the Authentication of Spices and Herbs |
| 16:50 – 17:05 | O-6. Cristian Chisbora | Challenges in Geographical Origin Authentication of Food Ingredients Using Isotopic Fingerprinting: the Case of Angus Beef Meat |
| | | |
| 18:30 – 22:00 | Gala Dinner at RESTAURANT PANORAMIC, Aleea Tiberiu Brediceanu 1B Bis, 500014 Braşov | |

18th June 2026

| | | |
|----------------------|---|--|
| 09:00 – 09:30 | Registration | |
| | T2 - AI-Driven Laboratories & Smart Analytics | |
| | Room: Aula Magna Chairs: Stefania Maria Filomena Mitola, Bertrand Raynal | |
| | Keynote talk | |
| 09:30 – 10:00 | K-11. Silvia Cirstea | Deep Learning Architectures for Precision Oncology |
| | Contributed talks | |
| 10:00 – 10:15 | O-7. Markus Zetes | Random Forest–Driven Feature Selection and Metabolite Panel Identification in Urinary Metabolomics for Breast Cancer Classification |
| 10:15 – 10:30 | O-8. Nicolas Leto | Molecular Dynamic Model Robustness Evaluation For 2D Nanoflakes-Bacterium Interactions in Solution |
| 10:30 – 10:45 | O-9. Adrian Șerban | Automated Large-Scale Bayesian AUC Estimation Using Web-Based Platforms: A scalable data Analysis pipeline for clinical pharmacokinetics |
| 10:45 – 11:00 | O-10. Natalia Bolocan (online) | Operational Thermodynamic Criterion for Detecting Non Additive Effects in Complex Aqueous Systems from Experimental Data |
| | | |
| 11:00 – 11:30 | Coffee Break and Poster Session | |
| | | |



| | | |
|----------------------|---|--|
| | T1 - Innovative Analytical Instruments and Platforms | |
| | Room: Aula Magna Chairs: Azrul Azlan Hamzah, Isabel Borrás-Linares | |
| | Keynote talk | |
| 11:30 – 12:00 | K-12. Christina Sizun | How Far Can Liquid State NMR Spectroscopy Take Us in Studying Peptide-Liposome Formulations? |
| | Invited early researcher talk | |
| 12:00 – 12:20 | I-3. Arkadiusz P. Matwiczuk | Proton-coupled Excited-state Pathways Governing Ultralong Room-temperature Phosphorescence in a Coumarin Luminophore |
| | Contributed talks | |
| 12:20 – 12:35 | O-11. Julia Baumli | From HPTLC Bioactivity Profiling to HR-MS/MS Characterization of <i>Lamium album</i> |
| 12:35 – 12:50 | O-12. Vladislav Botnari | Jones Matrix Reconstruction of Polarization Diffraction Gratings |
| | | |
| 12:50 – 13:10 | Photo session | |
| | | |
| 13:10 – 14:30 | Lunch and Poster Session | |
| | | |
| | T3 - Advanced Materials & Nanotechnology | |
| | Room: Aula Magna Chairs: Christina Sizun, Stefan G. Stanciu | |
| | Keynote talk | |
| 14:30 – 15:00 | K-13. Mihaela Sofronie | Advanced Magnetic Materials: From Ferromagnetic Shape Memory Alloys to Smart Biomaterials Functionalities |



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|----------------------|--|---|
| | Invited early researcher talk | |
| 15:00 – 15:20 | I-4. Alia Colniță | Tailoring Plasmonic Nanostructures via Nanoimprint Lithography for High-Performance SERS |
| | Contributed talks | |
| 15:20 – 15:35 | O-13. Artur Jędrzak | Nanoengineered Biomaterials for Enhanced Diabetes Monitoring |
| 15:35 – 15:50 | O-14. Livia Alexandra Dinu | Microfabricated Si/SiO ₂ Electrodes Functionalized with Molecularly Imprinted Polymers for Detection of Environmental Contaminants |
| 15:50 – 16:05 | O-15. Roxana Strungaru-Jijie | Microplastics in Aquatic Ecosystems: Assessment and Remediation by Advanced Oxidation Processes |
| | | |
| 16:05 – 16:30 | Coffee Break and Poster Session | |
| | | |
| | T5 - Biomedical Innovation & Translational Nanomedicine | |
| | Room: Aula Magna | |
| | Chairs: André Matagne | |
| | Keynote talks | |
| 16:30 – 17:00 | K-14. Gregor Anderluh | Engineering a Pore-Forming Protein for Efficient Discrimination of Medically Important Proteins |
| 17:00 – 17:30 | K-15. Liviu Movileanu | Bioinspired Nanopore Sensors for Probing Transient Molecular Hallmarks in Neurodegeneration |
| 17:30 – 18:00 | K-16. Brindusa Alina Petre (online) | Functional Peptides: From Design and Synthesis to Biomedical Applications |

19th June 2026

| | | |
|----------------------|---|---|
| 08:45 – 09:00 | Registration | |
| | T5 - Biomedical Innovation & Translational Nanomedicine | |
| | Room: Aula Magna Chairs: Liviu Movileanu, Silvia Cirstea | |
| | Keynote talks | |
| 09:00 – 09:30 | K-17. Azrul Azlan Hamzah | Recent Advances in Wearable and Implantable Artificial Kidney and Global Collaborations towards Commercialization |
| 09:30 – 10:00 | K-18. Silvana Andreescu | Electrochemical Microbiosensors for Real-Time Neurochemical and Redox Monitoring in Living Tissues |
| 10:00 – 10:30 | K-19. Rabeay Hassan (online) | Multiplexed Label-Free Electrochemical Immunosensing for Rapid Diagnosis of Cancer and Neurodegenerative Disorders |
| | Contributed talks | |
| 10:30 – 10:45 | O-16. Ana-Maria Chiorcea-Paquim | Electrochemical and AFM Characterisation of POT1 Binding Mechanisms with Human Telomeric DNA |
| 10:45 – 11:00 | O-17. Michaila Akathi Pantelaiou | Synthesis of Amphiphilic Multi-responsive Terpolymers: Nanoformulation Studies with Anticancer and Aggregation-Induced Emission Molecules |
| | | |
| 11:00 – 11:30 | Coffee Break | |
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|----------------------|--|---|
| | Room: Aula Magna Chairs: Julien Mignon | |
| | T3 - Advanced Materials & Nanotechnology, | |
| | Contributed talks | |
| 11:30 – 11:45 | O-18. Monica Enculescu | Semiconducting Nanotubes and Nanoparticles-Polymer Composites with Photocatalytic Properties |
| 11:45 – 12:00 | O-19. Alexandra Mocanu | Design of Innovative Bacterial Cellulose-Based Gels for Wound Dressing Applications |
| | T4 - Environmental Forensics and Pollution Monitoring | |
| | Invited early researcher talk | |
| 12:00 – 12:20 | I-5. Afef Dhaffouli | From Juniper Biomass to Functional Electrochemical Interfaces: An Electroactivated MOF/Biochar Platform for Carbendazim Detection |
| | Contributed talks | |
| 12:20 – 12:35 | O-20. Nerea Villarino García | Plasmonic Colorimetric Detection of Volatile Analytes Using Core-shell Gold-silver Nanoparticles on Cellulose Substrates and Liquid Films |
| 12:35 – 12:50 | O-21. Vanesa Romero | Miniaturized Fluorometric Determination of Nitrite in Water Using Hydrophobic Paper-Based Analytical Devices |
| 12:50 – 13:20 | Awards and Closing Ceremony | |
| 14:00 – 22:00 | Social Program – Visit of Braşov and Dinner | |



Poster Communications

| No. | Authors | Title |
|------|--|---|
| P-1. | Mihaela-Andreea Ilisanu, Mona Mihailescu, Ana-Maria Pleava, Andrei Ungureanu, Ion Gabriel Vladu, Darius-Mihail Cristea, Vlad Fechete, Alina Ghioca, Elena Tianu, Valentin Popescu, Mihaela G. Moisescu, <u>Violeta L. Călin</u> | Comparison of scalar and vector features for segmentation of stained and unstained cells from cavity serous fluids |
| P-2. | <u>Alexandru Nicolescu</u> , Dana Alina Magdaş, Ioana Feher, Cornelia Veronica Floare-Avram, Lenuta Nicoara, Denisa Oltean, Adrian Costea, Florina-Dorina Covaciu | Nutritional quality of fresh cow cheese based on GC-FID analysis: fatty acid composition and cardiovascular indices |
| P-3. | <u>Maria David</u> , Ariana Raluca Magdas, Camelia Berghian-Grosan, Dana Alina Magdas | Vibrational Spectroscopy as a Rapid Tool for Spice Authentication |
| P-4. | <u>Cristian Chisbora</u> , Ioana Feher, Veronica Avram, Ionela Sonca, Roxana Pacurariu, Dana-Alina Magdas, Florina Covaciu | Beef tripe as an unusual source of healthy fatty acids |
| P-5. | <u>Arkadiusz Matwiczuk</u> , Lidia Ślusarczyk, Aleksandra Hnydka-Raniewicz, Dariusz Karcz, Katarzyna Klimek | Exploration of novel antifungal agents capable of forming synergistic interactions with polyene and azole antibiotics |
| P-6. | Andra-Sorina Tătar, Melinda David, Daniel Marconi, Nicoleta Elena Dina, Monica Florescu, <u>Alia Colniță</u> | Aptamer-Functionalized Au Nanotrenches Arrays for the Ultrasensitive Detection of Acetylcholine |
| P-7. | <u>Roxana Strungaru-Jijie</u> , Brinza Loredana, Vasile Tiron | Insight into the photo(piezo)-assisted adsorption and catalytic activity of nanostructured ZnO coatings and FHY nanoparticles for the degradation of Reactive Red 120 dye |
| P-8. | Laura Darie-Ion, Corina Ciobănașu, <u>Brîndușa Alina Petre</u> | Peptide Substrates-Based Approaches for Enzymatic Diagnosis of Rare Diseases |
| P-9. | Arifah Syahirah Abdul Rahman, Fook-Choe Cheah, Masitah Balqis Ilham Shah, Siti Noredyani Abdul Rahman, Hanis Nabilah Norazli, Nur Maisarah Fuat, Mohd Eusoff Azizol Nashriby, Chang Fu Dee, Muhamad Ramdzan Buyong, Mohd Ambri Mohamed, Poh_Choon Ooi, | Mixture viscosity and effective hardness of lignocaine-embedded maltose-based dissolvable microneedles |



| | | |
|-------|---|--|
| | Muhammad Irfan Abdul Jalal, Ahmad Ghadafi Ismail, <u>Azrul Azlan Hamzah</u> | |
| P-10. | <u>AM Chiorcea-Paquim</u> , S Paulino, R Nora, JMS Almeida, CMA Brett | DES-Electropolymerised MWCNT Sensor for Dual Salicylic Acid and Acetaminophen Detection |
| P-11. | <u>Monica Enculescu</u> , Anca Aldea, Maria-Lorena Jinga, Irina Tsvetkova, Bogdan Dragnea | Assembly Mechanisms of Virus-Like Particles Incorporating Gold Nanoparticles |
| P-12. | <u>Klaudia Rząd</u> , Lidia Ślusarczyk, Monica Florescu, Sylwia Okoń, Arkadiusz Matwijczuk | Spectroscopic studies of molecular aggregation in the ESIPT process on the example of a selected 1,3,4-thiadiazole derivative in a micellar system |
| P-13. | Ana Neacsu, Ancuta Mihaela Sofronia, Aurica Precupas, <u>Daniela Gheorghe</u> | A Calorimetric Study of Two Structurally Amino Compounds |
| P-14. | <u>Aurica Precupas</u> , Raluca-Marieta Toma, Vlad Tudor Popa, Daniela Gheorghe | Mechanistic Insights into Lysozyme Fibrillation Modulated by Gallic Acid |
| P-15. | Alexandra Busuioc, Ludmila Aricov, Anca Ruxandra Leonties, Vlad Tudor Popa, <u>Aurica Precupas</u> | The Effect of Quercetin on Protein Aggregation |
| P-16. | <u>Florina Pogacean</u> , Lidia Magerusan, and Stela Pruneanu | A Novel Sensitive Voltammetric Approach for Tartrazine Food Additive Detection |
| P-17. | Lidia Magerusan, <u>Florina Pogacean</u> and Cezara Voica | Valorisation of Agricultural Waste into Effective Sensing Materials for 2-Nitroaniline Assay |
| P-18. | <u>Ioana Plăeșu</u> , Andreea Stamatiu, Georgiana-Alexandra Sanda, Elvira Alexandrescu, Cristian Petcu, Ludmila-Otilia Cintează | Rational designed multifunctional coatings for superhydrophobic surfaces using flower-like metal-oxide NPs. |
| P-19. | <u>Delia Maria Luca</u> , Lacramioara Oprica, Roxana Strungaru-Jijie | Synthesis, Characterization and Catalytic Efficiency of Biogenic AgNPs Derived from Artemisia absinthium |
| P-20. | <u>Daniel Marconi</u> , Alia Colniță, Andra-Sorina Tătar, Ioana Brezeștean, Nicoleta Elena Dina | NIL-Fabricated Flexible 3D Nanotrenches as Tunable Substrates for High-Performance SERS Analysis |
| P-21. | <u>Daniel Marconi</u> , Alia Colniță, Andra-Sorina Tătar, Nicoleta Elena Dina, Ioana Brezeștean | Portable SERS-based Platform for Sensitive Detection of Biotoxins in Freshwater Systems |
| P-22. | <u>Paula Tosa</u> , Romulus Puscas, Ariana Raluca Magdas, Maria David, Alexandru Nicolescu, Cristian Chisbora, Gabriela Cristea, Maricel Bocaneala, Dana Alina Magdas | Optimization of Water Extraction for Isotopic Analysis: Comparison between Centrifugation and Cryogenic Distillation |



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|-------|---|---|
| P-23. | Razvan Ghiarasim, Catalina-Nicoleta Basoc, Cristina Ciobanu, Rares-Ionut Stiuftuc, <u>Brindusa Dragoi</u> | Microfluidic Approach for Size-Controlled Liposomes Loaded with Doxorubicin Using Passive and Active Loading |
| P-24. | <u>Vera Balan</u> , Mirela Nistor, Camelia-Mihaela Zara-Danceanu, Nicoleta Basoc, Rares-Ionut Stiuftuc, <u>Brîndușa Dragoi</u> | The Interaction of Transition Metal-Doped Magnetic Nanoparticles with Plasma Proteins |
| P-25. | Paula-Vasilichia Bulieris, Claudia Lar, József-Zsolt Szücs-Balázs, Cristina Marcu, Stelian Radu, Maricel Bocaneala, <u>Codruta Varodi</u> | ¹⁵ N-Isotopic Labeling of Arthrospira platensis for Advanced Metabolic Tracers: Analytical and Biophysical Optimization |
| P-26. | <u>Codruta Varodi</u> , Ancuta Balla, Claudia Lar, József-Zsolt Szücs-Balázs, Cristina Marcu, Stelian Radu, Gheorghe Marin | Sustainable Electrochemical Platforms Based on Stone Paper and Modified with Activated Coffee Waste Biochar for Advanced Analytical Sensing |
| P-27. | <u>Melinda David</u> , Monica Florescu, Camelia Bala | Eco-friendly Nanomaterials Towards the Specific Detection of “Forever Chemicals” |
| P-28. | <u>Christina Zalaru</u> , Maria Marinescu, Ioan Calinescu, Adina Gavrilă, Rodica Tatia, Caludia-Valentina Popa, Isabela Tarcomnicu, Adrian Gainar, Anca Rosca | Comparative study of the isolation of quercetin from blueberry leaf and onion leaf |
| P-29. | <u>Christina Zalaru</u> , Florea Dumitrascu, Constantin Draghici, Maria Marinescu, Rodica Tatia, Matei Roibu, Alexandra Enciu, Stefania Radulescu, Bianca Cioara, Bianca Tudor | Design and Synthesis of Novel Antitumor Pyrazole Heterocyclic Dyes |
| P-30. | <u>Michał Świątlicki</u> , Kamil Jonak, Lidia Ślusarczyk, Karolina Siedliska, Beata Podkościelna, Andrzej Górecki, Arkadiusz Paweł Matwijczuk | Dual Fluorescence Of 1,3,4-thiadiazole Derivatives Confined In Polymeric Films: A Supramolecular Perspective |
| P-31. | <u>Maria Marinescu</u> , Alexandru-Cosmin Băloi, Eliza Oprea, Christina Zalaru, Claudia Valentina Popa | A DFT–Based Study and ADMET Evaluation of Small Heterocyclic Compounds with Antimicrobial Activity |
| P-32. | Alexandru-Cosmin Băloi, <u>Maria Marinescu</u> , Eliza Oprea, Christina Zalaru, Luiza Ana Maria Știrbu, Georgiana Ramona Știrbu, Teodora Radu, Anamaria Hanganu, Claudia Valentina Popa | Synthesis, ADMET Evaluation and Antibacterial Activity of Selected Pyrimidine Compounds |
| P-33. | <u>Bogdan-Florin Craciun</u> , Adina Coroaba, Narcisa-Laura Marangoci | Green-Fluorescent Carbon Dots Based on Protocatechuic Acid and Branched PEI for in vitro Imaging and Gene Delivery |



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| P-34 | <u>Michela Corsini</u> and Stefania Mitola | Exploiting the CAM assay as a rapid in vivo preclinical platform for tumor modeling |
| P-35. | <u>Ioana Daniela Dulama</u> , Cristiana Radulescu, Raluca Maria Stirbescu, Andreea Laura Banica, Ioan Alin Bucurica | Heavy metals in soil and Vitis vinifera L. – Assessment of the impact on human health |
| P-36. | <u>Adriana Dehelean</u> , Dana Alina Magdas, Gabriela Cristea, Ioana Feher | Assessment of the nutritional quality of infant complementary foods in Romania and their contribution to mineral intake |
| P-37. | <u>Adriana Dehelean</u> , Dana Alina Magdas, Maria David, Ariana Raluca Magdas, Alexandra Tabaran, Dan Sorin Daniel, Florina - Dorina Covaciu | Risk assessment of polycyclic aromatic hydrocarbons and potentially toxic elements in traditionally smoked meat |
| P-38. | <u>Cezara Voica</u> , Ioana Feher, Olivian Marincas, Gabriel Gati | Risk analysis of heavy metals contamination in riverine fish from Aries River, Romania |
| P-39. | Florina-Dorina Covaciu, Csilla Molnár, <u>Cezara Voica</u> | Human health risk evaluation in potatoes from Romania |
| P-40. | <u>Cezara Bucataru</u> , Irina Schiopu, Isabela Dragomir, Alina Asandei | Nanopore Electrophysiology Reveals Spatial Determinants of Hg ²⁺ - Induced DNA Self-Duplexes |
| P-41. | <u>Claudia Valentina Popa</u> , Vladimir Suhaiianu, Diana-Mihaela Popescu, Cristina-Anca Secara, Maria Marinescu, Christina-Marie Zalaru, Lucia-Elena Ionescu | Novel Carbopol Based Hydrogel with Antibacterial Activity for Burn Therapy |
| P-42. | <u>Tecla Dulgheriu</u> , Laura Ursu, Narcisa-Laura Marangoci, Alexandru Rotaru | Dextran-Based Preparation of Hybrid Gold-Magnetic Nanoparticles for SERS Detection of Environmental Contaminants |



General information

Gala Dinner, 17th June 2026



Restaurant Panoramic

Aleea Tiberiu Brediceanu 1B Bis, 500014
Braşov

Live an unforgettable culinary experience, right in the heart of nature, above the city of Braşov. Located on the top of Tâmpa Mountain, the Panoramic Restaurant offers you a spectacular view of the historic center, in an elegant and relaxing setting. Savor refined dishes from international and Romanian cuisine, prepared with passion from fresh and local ingredients.



Social Program, 19th June 2026

Braşov's medieval Old Town is a masterfully preserved historic center nestled at the foot of Mount Tâmpa. Founded by the Teutonic Knights and developed by Transylvanian Saxons, it centers around the vibrant Council Square and the iconic Gothic Black Church. The district remains framed by its original defensive stone walls, watchtowers, and charming cobblestone alleys.

The stroll in the old city center will be followed by a dinner at **Czell Brauhaus**, in the historic heart of Braşov, stepping into a living legacy born in 1893, the tradition of the oldest craft beer of Braşov, faithfully carried forward through generations.





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Abstract Book

Please also check the conference website.





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