

"Dunărea de Jos" University of Galați

Scientific Conference of Doctoral Schools

Perspectives and challenges in doctoral Research
14th Edition of SCDS-UDJG
11th and 12th of June 2026

Doctoral School of
Biomedical Sciences
PROGRAMME



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CONFERENCE PROGRAMME

SECTION 8: RECENT THEORIES IN MEDICAL RESEARCH

FACULTY OF MEDICINE AND PHARMACY, Building MP, Amphitheater 5.8 and 4.8, Portului Street, 35

FRIDAY – June 12, 2026

ORAL OR POSTERS PRESENTATIONS

Chairs

Prof.univ.dr. Aurel NECHITA, Faculty of Medicine and Pharmacy, Dunărea de Jos University of Galați

Prof.univ.dr. Dana TUTUNARU, Faculty of Medicine and Pharmacy, Dunărea de Jos University of Galați

Prof.univ.dr. Lucreția ANGHEL, Faculty of Medicine and Pharmacy, Dunărea de Jos University of Galați

OP.8.1 Zaharia Valerică-Valentin, Nechita Aurel Limitations of HbA1c in the assessment of glycemic control in type 1 diabetes mellitus

OP.8.2 Zaharia Andrei-Lucian, Croitoru Ana, Lungu Mihaiela, Tutunaru Dana Soluble receptor for advanced glycation end products(sRAGE) in acute ischemic stroke

- OP.8.3** Corețchi Diana, Popa Casiana- Adelina, Sîrbu (Jalbă) Geanina- Adelina, Vîrlan (Goroftei) Larisa, Munteanu Anca-Nicoleta, Stavăr Andreea Veronica, Ursu Maria, Nechita Aurel Emerging Cardiovascular Risk Profiles in Obese Children: From Subclinical Vascular Damage to Novel Biomarkers
- OP.8.4** Popa Casiana- Adelina, Corețchi Diana, Sîrbu (Jalbă) Geanina- Adelina, Vîrlan (Goroftei) Larisa, Munteanu Anca-Nicoleta, Nechita Aurel The Role of Holter Monitoring in the Early Detection of Arrhythmias in Children
- OP.8.5** Robert Daniel Ciortan, Ioana Teodora Ciortan (Popa), Irina Bălescu, Oana Porumbița, Carmen Tiutiuca, Mădălina Nicoleta Matei, Nicolae Bacalbașa, Virgil Brașoveanu, Irinel Popescu From Classification to Computation: A Modular Approach to Hepatic Resection Coding
- OP.8.6** Elena Constandache (Stan), Nicolae Sârbu, Silvia Fotea, Doinel Gheorghe Rădeanu, Iuroaea Diana-Elena, Toporaș Vlad-Cătălin, Mădălina Nicoleta Matei Evolution of Imaging Markers from 2D to 3D (CBCT) in the Screening and Statistical Prediction of Pediatric OSA: A Systematic Review
- OP.8.7** Moga Diana Doriana, Matei Mădălina Nicoleta Salivary Galectin-3 and Electrochemical Immunosensing Approaches for the Early Diagnosis and Monitoring of Heart Failure
- OP.8.8** Elena-Roxana Matache (Vasilache), Andreea-Eliza Zaharia, Lucian-Daniel Peptine, Gabriela Gurău, Dana Tutunaru Etiological profile and clinical course of Mycoplasma pneumoniae co-infections: A retrospective study in pediatric patients
- OP.8.9** Șerban (Grădinaru) Mariana, Mateescu (Costin) Aura Silvia, Verga (Răuță) Gabriela Isabela, Capăt(Răileanu) Adriana, Bergheș (Oprea) Simona-Elena, Stuparu-Crețu Mariana The Efficacy of Therapeutic Strategies for Acute Respiratory Infections in Children
- OP.8.10** Geanina Totolici, Anca-Nicoleta Munteanu, Carmen Tiutiuca, Dana Tutunaru Advances in Early Detection and Screening of Diabetic Retinopathy: The Role of Modern Imaging Techniques
- OP.8.11** Mehedinți Roxana-Cristina, Leibovici Andy Radu, Covaci Antoanela Magdalena, Dana Tutunaru Oral Epithelial Remodeling Associated with Long-Term Dental Amalgam Contact: A Histopathological and Immunohistochemical Study

OP.8.12	Mehedinți Roxana-Cristina, Covaci Antoanela-Magdalena, Leibovici Andy Radu, <u>Petrea Marius</u> , Dana Tutunaru	Dental Amalgam and Oral Biological Responses: A Narrative Review of Current Evidence
OP.8.13	<u>Flavia Giorgiana Chioveanu</u> , Elena Niculeț, Cristina Vicol, Alin Laurențiu Tatu	Oculocutaneous dysbiosis and the involvement of Demodex folliculorum in blepharitis
OP.8.14	<u>Gavriliță (Tomozei) Elena</u> , Miron Miruna, Alin Laurențiu Tatu	Correlations between IgE levels and NLR in atopic dermatitis patients treated with anti-IL-4
OP.8.15	<u>Munteanu (Ambrose) Lenuta</u> , Hîncu Andrada Maria, Tudor Vladimir Gurău, Tutunaru Dana, Mehedinți Mihaela Cezarina	The impact of probiotics on microbiome dynamics and tissue regeneration in experimental burns in a murine model
OP.8.16	Chelmu - Vodă (Vodă), Cristina, Hîncu Andrada Maria, <u>Munteanu (Ambrose) Lenuta</u> , Chioașca Teodor, Mateescu Olivia Garofița, Mehedinți Mihaela – Cezarina	Natural bioactive compounds in modulating angiogenesis and wound healing in pediatric obesity
OP.8.17	<u>Munteanu (Ambrose) Lenuta</u> , Hîncu Andrada Maria, Chelmu- Vodă (Vodă) Cristina, Onofrei (Popa) Andreea, Gurău Gabriela, Mehedinți Mihaela Cezarina	Nutritional management in severe burns: an integrated clinical approach
OP.8.18	<u>Mirela Lungu</u> , Claudiu N. Lungu, Andreea Crețeanu, Mihaela Cezarina Mehedinți	Integrating Genomics and Molecular Biology in Understanding Peritoneal Adhesions
OP.8.19	<u>Teodor Paul Chioașca</u> , Felicia Mihăilută, Popa Andreea, Tutunaru Dana, Mehedinți Mihaela Cezarina	The Microbiome as a Mediator Between Biocompatibility and Inflammation of Periodontal and Peri-Implant Soft Tissues in Patients with Diabetes Mellitus
OP.8.20	<u>Popa (Onofrei) Andreea</u> , Mihăilută Felicia, Chioașcă Teodor, Chelmu- Vodă (Vodă) Cristina, Mihalache Daniela, Mehedinți Mihaela-Cezarina	Potential Role of COL11A1 in Breast Cancer Progression: Preliminary Analysis of 35 Cases
OP.8.21	<u>Apostol (Apescăritei) Lăcrămioara-Luminița</u> , Verga (Răuță) Gabriela Isabela, Grecu Mihai, Bucur Marius, Mihaela Lungu, Aurelia Romilă	Between vulnerability and resilience: frailty in the elderly in an integrated holistic approach
OP.8.22	<u>Diana Gina Poalelungi</u> , Anca-Iulia Neagu, Iuliu Fulga	Artificial Intelligence in Breast Pathology: Current Applications and Clinical Perspectives
OP.8.23	<u>Verga (Răuță) Gabriela Isabela</u> , Mihalacia (Ailene) Daniela, Șerban (Grădinaru) Mariana, Baltă Alexia Anastasia Ștefania, Mateescu (Costin) Aura Silvia, Gurău	The Role of Lifestyle and Diet in the Quality of Life of Patients with Rheumatic Diseases: An Integrative Approach

Tudor Vladimir, Voinescu Doina Carina

- OP.8.24** Gurău Tudor Vladimir, Verga (Răuță) Gabriela Isabela, Voinescu Doina Carina Static baropodometric assessment for musculoskeletal rehabilitation: plantar pressure and postural load distribution in young adults
- OP.8.25** Mihăilută Felicia, Popa (Onofrei) Andreea, Chioașca Teodor, Hîncu Maria-Andrada, Baltă Alexia Anastasia, Voinescu Doina Carina The Nutrition–Microbiome–Endothelium Axis in Inflammatory Bowel Disease: Morpho-Clinical Markers of Vascular Involvement and Public Health Implications
- OP.8.26** Peptine Lucian-Daniel, Vîlcea (Zaharia) Andreea Eliza, Matache (Vasilache) Roxana-Elena, Gurău Gabriela MRSA, MR-CoNS and VRE in Healthcare-Associated Infections: Phenotype–Genotype Correlations
- OP.8.27** Adriana Mădălina Portase (Milica), Gabriela Gurău Impact of the COVID-19 Pandemic on the Incidence, Severity, and Clinical Profile of Type 1 Diabetes Mellitus in the Pediatric Population
- OP.8.28** Cosmin-Răducu Răileanu, Oana Laura Mierlan, Lucian-Daniel Peptine, Gabriela Gurău Mechanism-based antibiotic therapy in bloodstream infections: integrating phenotypic and molecular resistance detection
- OP.8.29** lordachi Traian Florin Daniel, Amariței Octavian, Șerban (Năstase) Mariana Iulia, Ciobotaru Oana Roxana Lipoprotein(a) in Secondary Cardiovascular Prevention: Bridging Established Evidence, Unresolved Gaps, and Future Research Direction
- OP.8.30** Grigore Ionica, Gabriela Gurău, Dana Tutunaru, Delia Hînganu, Marius Valeriu Hînganu, Grigore Alexandra Georgiana, Ciobotaru Oana Roxana Gut Microbiota, Metabolome, and Cardiovascular Health in Long-Term Hospitalized Patients
- OP.8.31** Ionescu Alexandra-Mariana, Luiza Iosefina Piuuzzi, Alina Viorica Iancu Drug Resistance of Nontuberculous Mycobacteria: Mechanisms and Detection Methods
- OP.8.32** Vlad Elena-Adriana, Ștefanopol Anca Ioana Prognostic Value of Inflammatory Biomarkers in Septic Shock in the Emergency Department
- OP.8.33** Radu Lucian Răuță, Ștefanopol Anca Ioana Acute Appendicitis in Children: Conservative versus Surgical Management – The Role of Biomarkers in Severity Stratification
- OP.8.34** Adriana Capăt (Răileanu), Elisabeta Pîrlitu (Rădulescu), Mariana Grădinaru (Șerban), Corina Angheluță (Ilie), Gabriela Isabela Verga (Răuță), Miruna

- Luminița Drăgănescu
- OP.8.35** Stan Adrian, Condratovici-Pleșea Alina, Mititelu-Tarțău Liliana, Moisei Mihaela, Earar Kamel, Marcu Teodora, Pavel Liliana-Lăcrămioara The Role of Glycemic Parameters in Guiding Therapeutic Decision-Making in Complex Dento-Periodontal Pathology
- OP.8.36** Rares-Nicolae Vadana, Adrian-Cornel Maier, Laura Florentina Rebegea Predictive Factors of Acute and Late Urinary and Gastrointestinal Toxicity in Modern Radiotherapy for Prostate Cancer – Clinical, Dosimetric, Immunological, and Genetic Factors
- OP.8.37** Mihalcia (Ailene) Daniela, Verga (Răuță) Gabriela Isabela, Berghes (Oprea) Simona-Elena, Nechita Aurel, Rebegea Laura Florentina Longitudinal trajectory of depressive symptoms in patients with localized Prostate Cancer treated with radiotherapy: A prospective longitudinal study
- OP.8.38** Laura Alice Bocancia, Elisabeta Pîrlitu (Rădulescu), Mihai Grecu, Ioana Năvălici, Sorina Nicoleta Munteanu, Aurelia Romila Current advances in the management of cancer pain with opioids and their impact of renal function
- OP.8.39** Sonia Teodora Stătescu – Mănăilă (Stătescu), Andreea Grigore, Ion Sorin Berbece Applications of Er:YAG and Er,Cr:YSGG lasers in pediatric restorative dentistry - a review of recent literature
- OP.8.40** Berghes (Oprea) Simona-Elena, Petrea Carmen Loredana, Ivașcu (Barbu) Codrina, Șerban (Grădinaru) Mariana, Ailene (Milhalcia) Daniela, Fotea Silvia, Pelin Ana-Maria Effects of Anticonvulsant Therapy on Vitamin D and Calcium Homeostasis in Children: Clinical Implications
- OP.8.41** Ivașcu (Barbu) Codrina, Berghes (Oprea) Simona-Elena, Ambrose (Munteanu) Lenuța, Elisabeta Pîrlitu (Rădulescu), Petrea Carmen Loredana, Mihalcia (Ailene) Daniela, Pelin Ana-Maria Clinical Impact of Mycoplasma pneumoniae Infection in Post-COVID-19 Pediatric Patients: A Comparative Study
- OP.8.42** Loredana Sabina Pascu, Andrei Vlad Brădeanu, Ileana Marinescu, Eduard Polea Drima MRI correlation of infratentorial lesions and depression in patients with multiple sclerosis
- OP.8.43** Tite (Avram) Oana Elisabeta, Bratu Elena Alexandra, Moroianu Lavinia Alexandra, Drima Eduard Polea Suicide attempts among typical children vs. atypical children
- OP.8.44** Daniela Toma, Marius Cocu, Aurel Nechita, Lucreția Anghel Hepatitis C in Romania: From Therapeutic Progress to Public Health Challenges

- OP.8.45** Elisabeta Pîrlitu (Rădulescu), Codrina Barbu (Ivaşcu), Adriana Capăt (Răileanu), Laura Alice Bocancia, Miruna Luminița Drăgăneascu Between vulnerability and adaptation: psychological sequelae of COVID-19 in polytransfused patients
- OP.8.46** Conea Alice Crina, Mariana Stuparu-Crețu Lifestyle Patterns in Children with Special Needs: Toward a More Integrated Approach
- PP. 8.1** Mirela Mătășaru, Florin Ionuț Cucuș, Marian Pătrășcoiu , Silvia Fotea Risks of Teenage Pregnancy and the Need for Integrated Maternal–Neonatal Monitoring: A Case-Based Perspective
- PP. 8.2** Ursu Maria, Ciortea Diana Andreea, Corețchi Diana, Dodul Cristina, Nechita Aurel, Arbune Manuela Therapeutic challenges in the management of type 1 diabetes mellitus and acute pancreatitis in children: Clinical considerations on a case