

Faculty of Medicine

Dentamerica Distribution

Dental Medicine Department

International Conference
**"ARTIFICIAL INTELLIGENCE – INNOVATION IN
EDUCATION IN A WORLD OF CONSTANT
CHANGE"**

24–25 November 2025

Coordinator

Assoc. Professor, PhD Ramona Feier

Dean of the Faculty of Medicine

Senior Specialist in Prosthodontics,

Oral and Maxillofacial Surgery,

Orthodontics and Dentofacial Orthopedics.

Organizing Committee

University Teaching Assistant, PhD Student Dorin Ioan Cocoș

University Teaching Assistant, PhD Student Alexandra-Camelia Pogăcian-Maier

Assoc. Professor, PhD Sorana Maria Bucur

Invited speakers

24-25 November, 2025

Timing	Invited speakers	Aula
08:00-08:30	1. THE RELATIONSHIP BETWEEN PSYCHOLOGICAL FACTORS AND THE SUCCESS OF ORTHODONTIC TREATMENT Associate Professor, Ph.D Sorana Maria BUCUR	A21
08:30-09:00	2. TOOLS, MATERIALS, TECHNIQUES, AND DEVICES IN MODERN ENDODONTICS. Associate Professor, Ph.D Constanța MOCANU	A21
09:00-09:30	3. NEXT-GENERATION PROSTHODONTICS: DIGITAL TOOLS AND ARTIFICIAL INTELLIGENCE FOR PERSONALIZED REHABILITATION Prof. univ. habil Magda - Ecaterina ANTOHE Ph.D, Assoc. Prof. Cristina Gena DASCALU Ph.D, Prof. univ. habil Roxana Ionela VASLUIANU Ph.D.	A21
09:30-10:00	4. SMART ALGORITHMS, SMARTER MEDICINE: ARTIFICIAL INTELLIGENCE IN BIOSTATISTICAL RESEARCH Assoc. Prof. Dascalu Cristina GENA Ph.D, Prof. univ. habil Roxana Ionela VASLUIANU Ph.D, Prof. univ. habil Magda Ecaterina ANTOHE Ph.D	A21
10:00-10:30	5. THE INTEGRATION OF MACHINE LEARNING AND FINITE ELEMENT ANALYSIS FOR THE OPTIMIZATION OF REMOVABLE PARTIAL DENTURE BIOMECHANICS Prof. univ. habil Roxana Ionela VASLUIANU Ph.D, Assoc. Prof. Cristina Gena DASCALU Ph.D, Prof. univ. habil Magda Ecaterina ANTOHE Ph.D.	A21
10:30-11:00	6. MECHANICAL AND CHEMICAL CONTROL OF DENTAL PLAQUE: BECOMING AN ORAL HEALTH COACH FOR YOUR PATIENTS Dentamerica Distribution <i>A comprehensive presentation on preventive and therapeutic strategies, with a focus on enhancing patient motivation and compliance.</i>	A21
11:30-12:00	7. INTRODUCTION TO THE SAGITTAL FIRST™ PHILOSOPHY: CARRIERE® MOTION™, CARRIERE® MOTION PRO™, AND THE SLX™ 3D BRACKET SYSTEM Dentamerica Distribution <i>A structured overview of the Sagittal First™ treatment concept and its clinical applications.</i>	A21
12:00-12:30	8. FULLY DIGITAL WORKFLOW FOR THE REHABILITATION OF THE COMPLETELY EDENTULOUS PATIENT: ENHANCING EFFICIENCY AND REDUCING PATIENT ANXIETY Univ. Lecturer. Ph.D dr. Cosmin BIDA, Md. Simona BIDA, Professor Univ. habil Dana Gabriela BUDALĂ Ph.D.	A21

Conference

24-25 November, 2025

Presentation	Timing	Aula
1. EVALUATION OF TRAINING PROGRAMS AND COMPLIANCE WITH QUALITY STANDARDS IN DENTAL EDUCATION <i>Presentation:</i> Assoc. I. Prof. Sorana-Maria BUCUR Ph.D; Assoc. Prof. Sorina-Mihaela BĂLAN Ph.D	15:00-15:15	A21
2. ANALYSIS OF THE IMPACT OF CONVENTIONAL COMPLETE DENTURES ON THE QUALITY OF LIFE OF EDENTULOUS PATIENTS <i>Presentation:</i> Assist. Prof. Anamaria Teona TUDORICI Ph.D., Professor Univ. habil Dana Gabriela BUDALĂ Ph.D., Assoc. prof. Dan BOSANCEANU PhD, Univ. Lecturer Cosmin BIDA PhD.; Daniela ARGATU; Vlad CONSTANTIN	15:15-15:30	
3. FROM SIMULATION TO SKILL: THE ROLE OF AI AND VR IN HEALTH SCIENCES EDUCATION <i>Presentation:</i> Gabriela KOŁODYŃSKA, Maciej ZALEWSKI, Aleksandra PIĄTEK, Błażej CIEŚLIK, Joanna SZCZEPAŃSKA-GIERACHA, Waldemar ANDRZEJEWSKI	15:30-15:45	A21
4. Correlation between the degree of incisor proclination and the occurrence of gingival recessions in orthodontic treatments <i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; University Teaching Assistant, PhD Student Elettra Sacco; Associate Professor, PhD Stefano Martina	15:45-16:00	A21
5. Relationship between premature loss of primary teeth and the incidence of eruption disturbances of permanent canines <i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier; Professor, PhD Alexandrina Muntean	16:00-16:15	A21
6. Evaluation of Clinical and Radiological Criteria in Establishing Indications for Third Molar Extraction <i>Presentation:</i> University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, Associate Professor, PhD Ramona Diana FEIER, Professor, PhD Mariana PĂCURAR, and Professor, PhD Kamel EARAR	16:15-16:30	A21
7. Effectiveness of mini-implants as an anchorage system in the treatment of Angle Class II malocclusion <i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; PhD Student Cristian Cojocariu; University Teaching Assistant, PhD Student Mioara Dârnea; Lecturer, PhD Radu Mircea Sireteanu Cucui	16:30-16:45	A21

8. Evaluation of the Effectiveness of Lavender Oil in Controlling Gingival Inflammation and Oral Infections: Experimental Data and Clinical Applications <i>Presentation:</i> University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, Professor, PhD Mariana PĂCURAR, Associate Professor, PhD Ramona Diana FEIER, and Professor, PhD Kamel EARAR	16:45-17:00	A21
9. Impact of orthodontic treatment on adolescents' self-esteem <i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; Associate Professor, PhD Carmen Galea; Lecturer, PhD Doina Moaleș; Lecturer, PhD Claudia Nistor	17:00-17:15	A21
10. Bee and Naja Species Venoms - Innovative Sources for Developing Topical Pharmaceutical Forms with Anti-Inflammatory and Anti-Aging Action <i>Presentation:</i> PhD Student Monica DINU, Associate Professor, PhD Ramona Diana FEIER, Professor, PhD Olimpia DUMITRIU BUZIA, University Teaching Assistant, PhD Student Irinel LUNGU, Associate Professor, PhD Student Cristina BAZBANELA, University Teaching Assistant, PhD Student Ana Maria CHIRILOV, University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, and Lecturer, PhD Anna BUSUIOC	17:15-17:30	A21
11. Relationship between dental anxiety and child cooperation during dental treatments - observational clinical study <i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier; Lecturer, PhD Claudia Nistor; Associate Professor, PhD Carmen Galea	17:30-17:45	A21
12. Comparative study on the biological and microbiological properties of the species Paeonia peregrina and Paeonia tenuifolia <i>Presentation:</i> PhD Student Cristina BAZBANELA, Associate Professor, PhD Ramona FEIER, Professor, PhD Olimpia DUMITRIU BUZIA, PhD Student Monica DINU, University Teaching Assistant, PhD Student Irinel LUNGU, Lecturer, PhD Dana BACIU, Lecturer, PhD Anna BUSUIOC, University Teaching Assistant, PhD Student Ana Maria CHIRILOV, and University Teaching Assistant, PhD Student Dorin Ioan COCOȘ	17:45-18:00	A21
13. GERANIUM OIL AS A BIOACTIVE AGENT IN THE PREVENTION OF DENTURE STOMATITIS: EXPERIMENTAL EVALUATION, PSYCHOSOCIAL CORRELATES, AND THERAPEUTIC PERSPECTIVES <i>Presentation: University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, Prof. Mariana PACURAR Ph.D, Assoc. Prof. Sorina-Mihaela BĂLAN Ph.D, Prof. Kamel EARAR Ph.D; Assoc. Prof. Ramona Diana FEIER, Ph.D.</i>	18:00-18:15	A21
14. Grape pomace valorization: unlocking its potential for sustainable and innovative pharmaceutical dosage forms <i>Presentation:</i> University Teaching Assistant, PhD Student Irinel LUNGU, Associate Professor, PhD Ramona Diana FEIER, PhD Student Monica DINU, Professor, PhD Olimpia DUMITRIU BUZIA, PhD Student Cristina BAZBANELA, Professor, PhD Elena Lacramioara LISA, and University Teaching Assistant, PhD Student Dorin Ioan COCOȘ	18:15-18:30	A21
15. Modern approaches to the exploitation of animal venoms as sources of bioactive ingredients with therapeutic and cosmetic potential <i>Presentation:</i> PhD Student Monica DINU, Associate Professor, University Teaching Assistant, PhD Student Irinel LUNGU, and Lecturer, PhD Anna BUSUIOC	18:30-18:45	A21

16. Use of Topical Antimicrobial Agents in Preventing Postoperative Infections in Oral Surgery: Efficacy, Safety, and Microbial Resistance <i>Presentation:</i> University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, University Teaching Assistant, PhD Student Cristian COJOCARIU, PhD Student Cristina BAZBANELA, Associate Professor, PhD Ramona Diana FEIER, PhD Student Monica DINU, University Teaching Assistant, PhD Student Irinel LUNGU, and University Teaching Assistant, PhD Student Ana Maria CHIRILOV	18:45-19:00	A21
17. Drug groups involved in pain control <i>Presentation:</i> Associate Professor, PhD Carmen GALEA, Lecturer, PhD Radu Mircea SIRETEANU CUCUI, Lecturer, PhD Eniko Gabriela PAPP, and Associate Professor, PhD Sorana Maria BUCUR	19:00-19:15	A21
18. The Role of Metabolic Disorders in the Onset and Progression of Peri-Implant Inflammation <i>Presentation:</i> University Teaching Assistant, PhD Student Alexandra Camelia POGĂCIAN-MAIER, University Teaching Assistant, PhD Student Mioara DÂRNEA, Lecturer, PhD Dana BACIU, University Teaching Assistant, PhD Student Cristian COJOCARIU, and University Teaching Assistant, PhD Student Dorin Ioan COCOȘ	19:15-19:30	A21
19. Valorization of grape by-products for oral health: sustainable dosage forms for dental therapy <i>Presentation:</i> University Teaching Assistant, PhD Student Irinel LUNGU, and Professor, PhD Elena Lacramioara LISA	19:30-19:45	A21
20. Innovative Clinical Communication and Counseling Techniques for Edentulous Psychiatric Patients <i>Presentation:</i> University Teaching Assistant, PhD Student Mioara DÂRNEA, University Teaching Assistant, PhD Student Cristian COJOCARIU, Associate Professor, PhD Carmen GALEA, Associate Professor, PhD Ramona Diana FEIER, and Prof. univ. habil Ph.D Roxana-Ionela VASLUIANU	19:45-20:00	A21
21. Host-Candida Interactions in Oral Candidiasis: From Epithelial Response to Immune Evasion <i>Presentation:</i> University Teaching Assistant, PhD Student Cristian COJOCARIU, University Teaching Assistant, PhD Student Mioara DÂRNEA, University Teaching Assistant, PhD Student Alexandra Camelia POGĂCIAN-MAIER, University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, Associate Professor, PhD Ramona Diana FEIER, and Professor, PhD Kamel EARAR	20:00-20:15	A21
22. Modern Strategies in Dental Prevention for High-Risk Patients: From Behavioral Risk Assessment to Personalized Interventions <i>Presentation:</i> Lecturer, PhD Dana BACIU, Lecturer, PhD Radu Mircea SIRETEANU CUCUI, Lecturer, PhD Doina MOALEȘ, University Teaching Assistant, PhD Student Alexandra Camelia POGĂCIAN-MAIER, University Teaching Assistant, PhD Student Mioara DÂRNEA, and Lecturer, PhD Claudia NISTOR	20:15-20:30	A21
23. Effectiveness of minimally invasive treatment techniques for dental caries in children - comparative clinical study between the Hall technique and conventional treatments	20:30-20:40	A21

<i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier; Professor, PhD Alexandrina Muntean		
24. The use of medicinal plants from the Transylvanian Plain in modern dental treatments <i>Presentation:</i> Associate Professor, PhD Carmen GALEA and Associate Professor, PhD Rațiu Ramona, University Teaching Assistant, PhD Student Mioara DÂRNEA, and Associate Professor, PhD Sorana Maria BUCUR	20:40-20:50	A21
25. Association between eating habits and the prevalence of dental erosions in children aged 6 to 12 years - cross-sectional clinical study <i>Presentation:</i> Associate Professor, PhD Sorana Maria Bucur; Lecturer, PhD Radu Mircea Sireteanu Cucui	20:50-21:00	A21
26. Bioceramics in endodontic practice <i>Presentation:</i> Associate Professor, PhD Constanța MOCANU; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier	21:00-21:10	A21
27. Principles of minimally invasive intervention in Endodontics <i>Presentation:</i> Associate Professor, PhD Constanța MOCANU; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier	21:10-21:20	A21
28. Clinical considerations regarding tooth extraction in patients with associated systemic conditions <i>Presentation:</i> Lecturer, PhD Radu Mircea Sireteanu Cucui; Associate Professor, PhD Carmen GALEA; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier	21:20-21:30	A21

International Conference
**Current Trends in the Diagnosis and
Interdisciplinary Treatment of Oro-Dental
Disorders**

Workshops
25 November 2025

Chair

Assoc. Professor, PhD Ramona Feier
Dean of the Faculty of Medicine
Senior Specialist in Prosthodontics,
Oral and Maxillofacial Surgery,
Orthodontics and Dentofacial Orthopedics.

Coordinators

University Teaching Assistant, PhD Student Dorin Ioan Cocoş

University Teaching Assistant, PhD Student Alexandra-Camelia Pogăcian-Maier

Timing	Workshops	Aula
14:00-15:30	1. Mechanical and Chemical Control of Dental Plaque: An Interactive, Hands-On Approach to Oral Health Coaching <i>A practical session designed to translate preventive concepts into clinical practice, focusing on correct mechanical and interdental techniques and remineralization strategies.</i> Dentamerica Distribution	C12/C13
15:30-17:00	2. Mechanical and Chemical Control of Dental Plaque: An Interactive, Hands-On Approach to Oral Health Coaching <i>A practical session designed to translate preventive concepts into clinical practice, focusing on correct mechanical and interdental techniques and remineralization strategies.</i> Dentamerica Distribution	C12/C13
17:00-18:30	3. Assessment of changes in periodontal parameters among orthodontic patients Associate Professor, PhD Sorana Maria Bucur; Lecturer, PhD Radu Mircea Sireteanu Cucui	CN1

17:00-18:30	4. Threads, Knots, and Clinical Decisions in Oral Surgery: From Material to Technique University Teaching Assistant, PhD Student Cristian COJOCARIU, University Teaching Assistant, PhD Student Mioara DÂRNEA, University Teaching Assistant, PhD Student Dorin Ioan COCOȘ, Associate Professor, PhD Ramona Diana FEIER	C22
18:30-20:00	5. Hall. Technique Associate Professor, PhD Sorana Maria Bucur; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier; Professor, PhD Alexandrina Muntean	CN1
18:30-20:00	6. Integrating Intraoral and Extraoral 3D Scanning for Patient-Specific Diagnostic and Therapeutic Strategies Associate Professor, PhD Ramona Diana FEIER; University Teaching Assistant, PhD Student Mioara DÂRNEA; University Teaching Assistant, PhD Student Alexandra Camelia Pogăcian-Maier; University Teaching Assistant, PhD Student Dorin Ioan COCOȘ	C15
18:30-20:00	7. The Importance of the Gothic Arch Tracing in the Prosthetic Rehabilitation of Patients Without Occlusal References University Teaching Assistant, PhD Student Dorin Ioan COCOȘ; Associate Professor, PhD Ramona Diana FEIER; University Teaching Assistant, PhD Student Mioara DÂRNEA	C14