



University of Pécs
Medical School



SMART DENTISTRY - PROGRAM

4 September, 2026

9:00-9:30 Opening ceremony

SECTION I - THE FUTURE OF DENTAL EDUCATION

9:30-9:45 Marada Gyula (senior lecturer, Pécs):

Learning to Drive the Future: Redefining Dental Education in the Digital Age

9:45-10:00 Bardócz Veres Zsuzsanna (senior lecturer, Targu Mures):

A New Dimension in Occlusology: Digital Visualization of Mandibular Movements

10:00-10:15 Szántó Ildikó (senior lecturer, Pécs):

Emerging Aspects of Manual Skills Development

10:15-10:30 Pintér László (specialist in endodontics, Pécs):

What Makes Endodontics Difficult? Challenges and Experiences of Students

10:30-11:00 Coffee break

SECTION II - DIGITALIZATION IN DENTISTRY 1

11:00-11:15 Natasa Puskar (researcher and resident, Novi Sad):

Accuracy in a Digital-to-Physical Biomedical Manufacturing Workflow for Orthodontic Appliances

11:15-11:30 Tatjana Puskar (professor, Novi Sad):

Digitalization in Dentistry - Digital Workflow - Challenges and Solutions

11:30-11:45 Dora Dragičević Tomićić (assistant lecturer, Osijek):

Deep Learning Model for Quantitative Assessment of Marginal Bone Loss around Dental Implants

11:45-12:00 Martina Juzbašić (specialist in prosthodontics, Osijek):

Benefits and Limitations of Intraoral Scanning in Removable, Fixed and Implant-supported Prosthodontics

12:00-12:15 Ana Mačković (doctor of dental medicine, Osijek):

How Can AI Reshape Triage and Clinical Workflow in Endodontics

12:15-12:25 Melinda Székely (professor, Targu Mures):

65 Years of Dental Education at the Faculty of Dentistry, University of Medicine, Pharmacy, Science, and Technology in Târgu Mureș

12:25-12:35 Kerekes Máthé Bernadette (associate professor, Targu Mures):

Digital Solutions in Preclinical Education





12:30–13:30 Lunch Break

SECTION III – DIGITALIZATION IN DENTISTRY 2

13:30–13:45 Jánosi Kinga Mária (associate professor, Targu Mures):
Digital Fingerprinting without Compromise: Small Details, Big Differences

13:45–14:00 Markovics Emese Rita (senior lecturer, Targu Mures):
Digital Planning in the Event of a Change in the Vertical Dimension of Occlusion

14:00–14:15 Szabó-Pacheco Ana Esther (specialist in oral surgery, Pécs):
Printed 3D Model for Coronectomy Simulation Surgery

14:15–14:30 Gurdán Zsuzsanna (associate professor, Pécs):
Synergy in Orthodontics

14:30–14:45 Soós Balázs (senior lecturer, Pécs):
3D Techniques to Improve Tooth Autotransplantations

14:45–15:15 Coffee Break

SECTION IV – AI IN DENTISTRY

15:15–15:30 Milan Drobac (professor, Novi Sad):
Artificial Intelligence in Dentistry – The Intersection of Pixels and Pathology: Navigating the Gap Between Generative AI and Clinical Responsibility in Endodontics

15:30–15:45 Marinka Mravak-Stipetic (professor, Osijek):
FDA-Cleared Artificial Intelligence and Machine Learning Devices in Dentistry: A Cross-Sectional Analysis of the Regulatory Landscape

15:45–16:00 Bruna Sladović (doctor of dental medicine, Osijek):
Dental Students' Knowledge about the Application of Artificial Intelligence and Digital Technologies in Dentistry

16:00–16:15 Barbara Kirnbauer (senior attending dentist, vice-dean, Graz):
Automated Periapical Lesion Detection on CBCT Using a DeepCNN – A Helping Diagnostic Tool for Education and Clinical Routine?

16:15–16:30 Barbara Kirnbauer (senior attending dentist, vice-dean, Graz):
The Application of Various large Language Models (LLMs) for Answering Dental Questions

