

2017/18 DIPLOMAWORK & sss (SCIENTIFIC WORK) TITLES

Division of Oral and Maxillofacial Surgery

Adrienne Szabó M.D., Ph.D.	Odontogenic infections of the orbit	
	Perineural spread in squamous cell carcinomas of the oral cavity	
	Salivary gland diseases	
Etelka D. Tóth D.M.D.	Iatrogenic dental injuries in need of dentoalveolar treatment	
	Local bleeding control methods in dentoalveolar surgery	
	Possible usage of laser in dentoalveolar surgery	
Róbert Boda M.D.	Dysgnathia	
	Reconstruction	
	Trauma	
Dóra Horváth M.D.	Lipomas in maxillofacial region	
	Treatment facilities in chronic bilateral mandibular luxation	
	Treatment modalities in frontal sinus fractures	
Levente Czompa M.D.	Mandibular distraction osteogenesis	
	Odontogenic keratocyst	
	Treatment modalities of mandibular fractures in childhood	
Enikő Gebri D.M.D.	Dental care in scleroderma- What should we know about scleroderma?	Theos Papaefstathiou
	Dental management of patients with solid organ transplantation	Giorgos Charalambous
	Dental treatment of patients receiving allogeneic peripheral blood stem cell transplantation	
Levente Lukács D.M.D.	Corticotomy in the maxillofacial surgery	
	MRONJ: prevention and therapy	
	Treatment possibilities of retained canines	
Boglárka Skopkó D.M.D.	Four-handed dentistry	

	Odontophobias, fear and their treatment in dentistry	Samsam Abdi
	Patients with chromosomal disorders and their dental treatment	Redhee Ratadia
Adrienn Tóth D.M.D.	Guided bone regeneration in dentoalveolar surgery	
	Importance of systemic diseases in dentistry	
	Management of impacted teeth other than third molars	
Orsolya Liska D.M.D.	Dental and surgical aspects of treating patients with special needs	
	Embriology, clinical appearance and treatment of non-odontogen cysts in the maxillofacial region	
	Possible treatment options of sinus perforation	
	New bone grafting methods in oral surgery	
Rudolf Bakos D.M.D.	Surgical guides in dental implant surgery	Erik-Masas Boller
	Tooth autotransplantation – a method to replace a missing one	
	Odontogenic infections of the orbit	Khakshour Hamed

Division of Biomaterials and Prosthetic Dentistry

Csaba Hegedűs M.Sc., Ph.D Melinda Szalóki M.Sc., Ph.D	Investigation of 3D printable polymer for orthodontic model preparation (SSS)	Sara Khandan
Tünde Radics D.M.D., Ph.D	Cementation of Dental Ceramics	
	Prefabricated posts and their application in dentistry	
	Custom made post and core restorations	
István Lampé D.M.D	CAD/CAM technology in fabricating total removable dentures	
	Prosthetic rehabilitation of oral cancer patients	Maytal Atia
	Impression techniques for removable partial denture cases	

Katalin Bukovinszky D.M.D	Dimensional changes of dental composites	
	Mechanical characteristic of dental composites	
	Modern resin based esthetic filling materials	Fanndis Dora Ingvarsdottir
Tamás Bistey D.M.D., Ph.D	At-home bleaching	
	Intraoral scanners in orthodontics	
	Tooth whitening in clinical practice	
	Basics of Fixed Prosthodontics	
Ferenc Tóth M.Sc SSS topics!	Lentiviral gene transfer in dental pulp stem cells	
	The effect of BMP-7 overexpression on the differentiation of dental pulp stem cells	
	Use of a tetracycline-inducible gene expression for the regulation of osteogenesis	
Farkas Kerényi M.Sc SSS topics!	Effect of aerogel composites on differentiation of dental stem cells to osteoblast	
	Investigation of the expression of integrins in cells grown on different material surfaces	
	The effect of modified titanium surfaces on the expression of genes involved in osteoblastic differentiation	
József Bakó M.Sc SSS topics!	Functionalization possibilities of Ti-implants	
	Scaffolds of tissue engineering and regeneration in dentistry	
	Combined drug delivery in dentistry	
Melinda Szalóki M.Sc., Ph.D SSS topics!	Nanofiber structures application in Dentistry (SSS)	Pouyan Davoudi
	Application ability of methacryloyloxydecyl dihydrogenphosphate (MDP) monomer in hard tissue section preparation	
	Effect of gold nanoparticles on resin matrix of dental filling materials	
László Póti D.M.D	Conventionally and digitally registered maxillomandibular relations	
	Diagnostics and treatment possibilities of temporomandibular disorders	Sivani Jessel Bharkhada
	Surface threatment of composite resins	

	Basics of Gnatology	
Anita Pétercsák D.M.D.	Basics of technology of partial removable dentures	
	Basics of technology of total removable dentures	
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Márta Szegedi D.M.D	Dental aspects of autoimmun diseases	
	Dental aspects of primer and secunder immunodeficiencies	
	Difficulties in clinical phases of total removable dentures	Segal Keren Or

Division of Pediatric Dentistry and Orthodontics

Judit Nemes D.M.D., Ph.D.	Illicit drug use and oral health	
	Stainless steel crowns in pediatric dentistry	
	Vital pulp therapy in primary molars	
Gabriella Kovalecz D.M.D	Etiological factors of enamel developmental defects of permanent teeth in children	Newsha Nasseria
	Regenerative endodontics	
	Minor oral surgery in childhood	Leonidou Georgios
Brigitta Baksa D.M.D.	Dental aspects of Down syndrome	
	Fluoride treatment in caries prevention	Amar Sagi
	Treatment of crown and root fractures of immature permanent maxillary incisor	
Judit Török D.M.D.	Hemifacial Microsomia	Daniyal Naeem
	Invisalign orthodontic system	
	Pierre Robin sequence (PRS)	
Géza Vitályos D.M.D.	Functional appliances	
	Orthodontic bonding materials	
	Transversal anomalies and their treatment	Seungwoo Oh
Viktória Hegedűs D.M.D.	Appliances for distalisation in the orthodontics	
	Fix functional appliances in the orthodontics	Mahsa Rezaei
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Division of Restorative Dentistry

Dr. Bágyi Kinga	Laser activated irrigation	Mahsa Lebadi
	Microscope in dentistry	
	Obstruction of root canal	

Dr. Balogh Bettina	Photopolymerization lamps, photopolymerization of the composite filling	
	Temporary filling materials in restorative dentistry	
	Etiology of dental erosion-extrinsic factors	Aleid Hwarh
Dr. Juhász Alexander	Different motions of rotary instruments	
	Endodontic microsurgery	
	Revolutionary sealers in endodontics	
Dr. Kelentey Barna	History of composite filling	
	Types of caries and filling techniques in aged people	
	History of dental drills	
Dr. Marincsák Rita	Modern concepts of rubber dam isolation	
	Evaluation of different matrix bands	
	TRIP around the oral cavity	
	Modern concepts of rubber dam isolation	
Dr. Martos Renáta	Dental erosion	Loay Makhoul
	Up to date matrix systems	Shivangi Jennika Patel
	Bulk fil versus layering technic in direct build-ups	Amir Payam
Dr. Nagy László	Endodontic consideration of pulp stone and intrapulpal calcification	Majed Amiri
	Endodontic consideration in the elderly	Chling Hoang My
	Methods and instruments of root canal filling removal	
Dr. Skaliczki Mariann	Modern pulp sensitivity tests	
	Comparative assessment of modern rootcanal obturation technics	Mina Maher Fathy Gerges
	Irrigation protocols in endodontics	
Dr. Tóth Enikő	Chlorine dioxide in dentistry	
	Iatrogenic root perforations and treatment possibilities	Mayon Haresh Patel

	Root canal irrigant agitation techniques -ultrasonic instruments	
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Division of Periodontology

István Varga D.M.D., Ph.D.	Gingiva recession and root caries in the aging population	Jasraaj Singh Gill
	Microsurgical techniques in regenerative periodontal therapy	Lavochnik Michal
	Periodontal tissue engineering	Shahrzad Khajehzadeh
János Angyal D.M.D., Ph.D.	Dental radiography in pediatric dentistry	Nikkita Heer
	Geriatric periodontology	Ameen Jawad Fairouz
	Radiation protection in dental radiology	Bimal Rai Dhiman
Eszter Szentlélek D.M.D.	Periodontal splinting	
	The role of prevention in periodontology	Anastasia Gnilova
	When should you refer a patient to a periodontist	Okigbo Janilla Ijeoma

Department of Pharmacology and Pharmacotherapy

Ágnes Cseppentő M.D	Atrial fibrillation in the dental practice	Tamir Mouwes
	Hyperthyroidism patient in the dental practice	Eden Chen
József Szentmiklósi M.D., Ph.D.	Parkinson disease and the dental patient	Fadi Raad Munir Safar
	Dental considerations in cardiovascular patients'	Abel Roji Alex