

Department of Pharmacology and Pharmacotherapy

DIPLOMA WORK TOPICS

2027/2028

(for 4th year dentist students in 2026/2027)

1. Management of acute and chronic pain in dental practice

Supervisor: Dr Mahmoud Al-Khrasani, associate professor

2. Voltage-Gated Channels as a Target for Therapies Against Dentin Hypersensitivity

Supervisor: Dr Mahmoud Al-Khrasani, associate professor

3. Pharmacological Approaches of Acute and Chronic Dental Pain Management

Supervisor: Dr Mahmoud Al-Khrasani, associate professor

4. Prevalence of Caries and Calculus in Patients on Psychotropic Polypharmacy: A Chart-Based Study

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD student

5. Drugs-Induced oral complications

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani PhD student

6. Nicotine and carcinogenesis: neuropharmacological role of nicotinic acetylcholine receptors in oral cancers

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD student

7. Drug interaction in medically compromised dental patients

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD student

8. E-cigarettes versus conventional smoking: Neuropharmacology, addiction, and oral health risks

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD student

9. **Salivary biomarkers of aging: Pharmacological modulation and diagnostic value**

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD
student

10. **Xerostomia, gingival overgrowth and oral ulceration: drug related oral side effects**

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD
student

11. **Age-related susceptibility to drugs induced oral adverse effects**

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD
student

12. **Taste disturbance caused by sublingual and buccal administration of medications**

Supervisors: Dr. Ildikó Miklya, associate Professor, Dr. Yashar Chalabiani, PhD
student