

Department of Medical Chemistry	
Name and affiliation of the supervisor	Thesis Topic
Dr. Gábor Tóth full professor Dr. Györgyi Váradi, associate professor	Posttranslational modification of natural peptides by chemical methods.
Dr. Gábor Tóth full professor, Dr. Zsolt Bozsó, assistant professor	Synthesis of peptide toxins with multiple disulphide bridges.
Dr. Györgyi Váradi associate professor	Synthesis and examination of multiple disulfide bond-containing antifungal peptides and proteins
Dr. Györgyi Váradi associate professor	Investigation of structure-activity relationships of antifungal proteins
Dr. Lajos Kovács senior research fellow	Synthesis of nucleosides.
Dr. Lajos Kovács senior research fellow	Synthesis and investigation of highly ordered, guanine-containing structures.
Dr. Zoltán Kupihár, assistant professor	Synthesis of modified nucleosides
Dr. Zoltán Kele associate professor	Investigation of peptides and proteins by mass spectrometry.
Dr. Zoltán Szabó assistant professor	Identification of biomarkers for diagnosis of cancers by mass spectrometry based extracellular vesicle profiling
Dr. Zoltán Szabó assistant professor	Mass spectrometric tear fluid characterization and identification of disease biomarkers using a novel tear collection method
Dr. Anasztázia Hetényi associate professor	Antibiotic adjuvants: mechanism of action and development
Dr. Tamás Martinek full professor, head of department	Development of novel antimicrobial strategies and potential therapeutics
Dr. Tamás Martinek, full professor, head of department Dr Edit Wéber, assistant professor Dr Zsófia Hegedüs Zsófia, teaching assistant	Blocking of protein-protein interactions, development of novel potential drug molecules
Dr. Tamás Martinek full professor, head of department	Cell delivery of therapeutic macromolecules