

Scientific circle Topics (TDK) / Academic Year 2025/2026	
Supervisor	Topic
Júlia Szakács M.D., Ph.D.	Study of the behavioral effects of neuropeptides
Miklós Jászberényi, M.D., Ph.D., D.Sc.	The Pathophysiology of Alzheimer's Disease
	The role of neuropeptide mediators in the control of affective, emotional and cognitive processes
	The Effect of Neuropeptides on the Hypothalamus-Pituitary-Adrenal system
Zsolt Bagosi, M.D., Ph.D.	The effects of CRF and the urocortins on anxiety and depression
	The effects of CRF and the urocortins on sociability and preference for social novelty
	The effects of binge drinking on anxiety and depression
	The effects of binge drinking on sociability and preference for social novelty
Krisztina Anna Csabafi, M.D., Ph.D.	The effect of kisspeptin on amyloid-beta neurotoxicity
	Effect of neuropeptides on nociception and morphine induced analgesia, tolerance
Krisztina Anna Csabafi, M.D., Ph.D. Katalin Eszter Ibos, M.D.	Role of neuropeptides in anxiety and the development of anxious phenotype
Márta Sárközy, M.D., Ph.D.	Experimental investigation of the molecular mechanisms and potential therapeutic targets of uremic cardiomyopathy Experimental investigation of the mechanisms and potential therapeutic targets of chemotherapeutic-induced chronic cardiotoxicity Experimental investigation of mechanisms and potential therapeutic targets of heart failure as a chronic side effect of radiotherapy
Zoltán Rakonczay, M.D., Ph.D. D.Sc. Lóránd Kiss Ph.D.	The pathomechanism of experimental acute pancreatitis and therapeutic investigations
István Koncz, M.D., Ph.D.	Mechanism of Cardiac Arrhythmia