

## Department of Pathophysiology

### Topic list (2021 /2022):

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 off affective, emotional and cognitive processes The Effect of Neuropeptides on the Hypothalamus-Pituitary-Adrenal system
Zsolt Bagosi, M.D., Ph.D.	The role of CRF and urocortins in anxiety, depression and social interaction The effects of urocortins and its fragments in anxiety and depression The hypothalamic and extra hypothalamic regulation of CRF The role of CRF and urocortins in alcohol, nicotine and cannabis addiction
Krisztina Anna Csabafi, M.D., Ph.D.	The effect of kisspeptin on amyloid-beta neurotoxicity Effect of Kisspeptins on carbohydrate metabolism 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
Zoltán Rakonczay, M.D., Ph.D. D.Sc. Lóránd Kiss Ph.D.	The pathomechanism of experimental acute pancreatitis and therapeutic investigations