

SZTE Albert Szent-Györgyi Medical School

Department of Physiology

Topic list

Supervisor	Topic
Antal Berényi, MD, PhD	In-vivo electrophysiological investigation of hippocampal and neocortical oscillatory patterns
Magor Lőrincz, MS, PhD, DSc	Thalamocortical mechanisms of absence epilepsy
Gyula Sály, MD, PhD, DSc	The organization of the mental lexicon in bilingual individuals
Gyöngyi Horváth, MD, PhD, DSc	Characterization of a chronic schizophrenia rat model Investigation of cardiovascular parameters in healthy population
Mária Dux, MD, PhD, DSc Orsolya Oszlács, MS, PhD	Study of the sensory and vascular functions of dura mater encephali in an experimental model of migraine headache
Orsolya Oszlács, MS, PhD Ildikó Kisné Dobos, MS, PhD	Investigation of the relationship between non-celiac gluten sensitivity and headache in a rat model
Judit Tóthné Rosta, MS, PhD	Examination of the pathomechanism of headache and intracranial pain Experimental approach to subarachnoid hemorrhage
Ferenc Domoki, MD, PhD, DSc Gábor Remzső, MS, PhD	Cerebrovascular regulatory mechanisms in the neonate Study of neuroprotective strategies for the treatment of neonatal hypoxic-ischemic encephalopathy
Attila Nagy, PhD Gabriella Eördegh, PhD (SZTE ETSZK)	Sensory guided associative learning in psychiatric and neurologic disorders connected to the dysfunction of the basal ganglia
Attila Nagy, PhD	Investigation of sensory functions of the basal ganglia in feline model
Balázs Bodosi, PhD Attila Nagy, PhD	Sleep research on rats
Zoltán Lelkes, MD, PhD	Sleep regulation
Ágnes Fehér, MS, PhD	Exploring speech and sound perception using EEG

Péter Kaposvári, MS, PhD András Benyhe, MD, PhD Szabolcs Sáringer, MD, PhD	Perception, cortical representation, implicit learning, prediction
András Benyhe, MD, PhD	Reading as specialized form of visualized perception