

First Department of Medicine	
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Topics for Student's Research Association (TDK) / Academic Year 2015/2016	
Tutor:	Title:
prof. dr. Tamás Takács dr. Zoltán Rakonczay Jr prof. dr. Péter Hegyi	The pathomechanism of pancreatitis
dr. Zoltán Rakonczay Jr prof. dr. Péter Hegyi	The structure and function of gastrointestinal epithelial cells
prof. dr. Péter Hegyi dr. Zoltán Rakonczay Jr	Modern intracellular imaging techniques in gastroenterological research
dr. Zoltán Rakonczay Jr prof. dr. Tamás Takács prof. dr. Hegyi Péter	The physiology and pathophysiology of pancreatic ductal bicarbonate secretion
prof. dr. Péter Hegyi dr. Zoltán Rakonczay Jr	The role of stromal cells in gastrointestinal tumours
prof. dr. László Czakó	Therapeutic endoscopic retrograde cholangio-pancreatography
	The diagnostic accuracy of endoscopic ultrasonography-guided fine needle aspiration
	The role of endoscopic ultrasonography in the management of gastric lymphom
	The endoscopic therapy of difficult bile duct stones

	Screening for pancreatic cancer in newly discovered diabetes mellitus
	The prognostic value of serum calcitonine in acute necrotizing pancreatitis
prof. dr. László Czakó	Liver diseases in chronic pancreatitis
	The effect of metformin on pancreatic steatosis and exocrine pancreatic function in type 2 diabetes mellitus
	Exocrine pancreatic dysfunction in type 2 diabetes mellitus
	Pathomechanism of hypertriglyceridemia-induced acute pancreatitis
prof. dr. Tamás Molnár	Diagnostic and prognostic biomarkers in inflammatory bowel diseases. Breath analysis and stool examination
	Interobserver evaluation of endoscopic examinations in inflammatory bowel disease
dr. Klaudia Farkas	Inflammatory bowel diseases and pregnancy
dr. Mihály Szécsi	Laboratory methods of hormone analysis
	Inhibition of steroid hormone biotransformation
dr. Edit Hajdú	Evaluation of Streptococcus agalactiae positive newborn baby's data
	Analysis of device-associated infections on an intensive care unit
	Evaluation of the data of the gastroenteritis patents caused by Clostridium difficile
	Infection control during dental procedures