



O.n.	Supervisor	Topic
1.	MUDr. Anna Birková , PhD.	Physical activity impact on urinary carnosine levels
2.		Intracellular buffering systems
3.	RNDr. Beáta Čižmárová , PhD.	The use of native fluorescence in clinical-biochemical diagnosis
4.		Saliva, an important body fluid for early detection of diseases
5.		Flavonoids, natural compounds with great potential in prevention and treatment of chronic diseases
6.	Ing. Beáta Hubková , PhD.	Dietary habits of marginalized population groups and their impact on iron metabolism (ferritin, transferrin, TIBC)
7.		The physiological role of orosomucoid (AGP) in relation to marginalized groups of the population
8.		Determination of cortisol in hair in relation to the lifestyle of marginalized population groups
9.	doc. Ing. Katarína Dubayová , PhD.	Influence of exogenous factors on the urinary fluorescent metabolome
10.		Influence of exogenous factors on the salivary fluorescent metabolome
11.		Effect of HPV infection on the urinary fluorescent metabolome - data analysis
12.	MUDr. Eva Ďurovcová , PhD.	Utilizing point-of-care testing to optimize patient care
13.		Management of blood samples: stability of selected parameters in serum and plasma depending on storage conditions
14.	RNDr. Jana Mašlanková , PhD.	MMP-7 as a prognostic marker in colorectal cancer
15.		Diagnostic Role of TGF- β II Receptor in Gastrointestinal Cancers
16.		Prognostic value of transforming growth factor beta in patients with colorectal cancer
17.	doc. RNDr. Miroslava Rabajdová , PhD.	Biomarkers of acute lower limb ischemia
18.		Biomarkers of chronic lower limb ischemia



19.	RNDr. Lukáš Smolko , PhD.	Study of the binding of metal complexes based on nonsteroidal antiphlogistics with nucleic acids
20.		Study of interactions of metal complexes based on nonsteroidal antiphlogistics with selected proteins
21.	doc. RNDr. Marek Stupák , PhD.	Biomarkers of extracellular matrix in gastrointestinal cancers
22.		Diagnostic significance of serum matrixin levels in patients with colorectal cancer
23.	RNDr. Ivana Špaková , PhD.	Use of short non-coding RNAs as molecular markers of selected neurodegenerative diseases
24.	doc. RNDr. Vladimíra Tomečková , PhD.	Role of sphingolipid metabolism in multiple sclerosis
25.		The role of tryptophan metabolites in major depression disorder
26.	doc. Mgr. Peter Urban , PhD.	Study of the expression of selected miRNAs in the development and progression of colorectal cancer
27.		Identification and analysis of the content of CD63 exosomes in the blood of patients with multiple sclerosis
28.		Effect of therapy on the content of extracellular blood vesicles of patients with multiple sclerosis
29.	doc. RNDr. Janka Vašková , PhD.	Selected markers of oxidative stress in relation to postoperative cognitive dysfunction
30.		Glutathione and synergistically acting antioxidant enzymes in perioperative cognitive dysfunctions