
Publikace

Publikační činnost pracovníků ústavu



Pohled do databáze evidence [publikační činnosti v systému OBD](#) .

Ve výpisu jsou záznamy publikací s afiliací k 3. LF UK

Vybrané publikace

- TŮMA P.: The Control of Glucose and Lactate Levels in Nutrient Medium after Cell Incubation and in Microdialysates of Human Adipose Tissue by Capillary Electrophoresis with Contactless Conductivity Detection, in Phillips T. M: Clinical Applications of Capillary Electrophoresis, Methods in Molecular Biology 2019, Springer, 1972, ISBN 978-1-4939-9212-6. http://dx.doi.org/10.1007/978-1-4939-9213-3_7
- TŮMA P.: Rapid and Sensitive Determination of Branched-Chain Amino Acids in Human Plasma by Capillary Electrophoresis with Contactless Conductivity Detection for Physiological Studies, in Phillips T.M: Clinical Applications of Capillary Electrophoresis, Methods in Molecular Biology 2019, Springer, 1972, ISBN 978-1-4939-9212-6. http://dx.doi.org/10.1007/978-1-4939-9213-3_2
- TŮMA P., SOMMEROVÁ B., ŠIKLOVÁ M.: Monitoring of adipose tissue metabolism using microdialysis and capillary electrophoresis with contactless conductivity detection, Talanta 2019, 192, 380-386. <https://doi.org/10.1016/j.talanta.2018.09.076>
- SLAVÍKOVÁ, M.; PROCHÁZKA, B.; DLOUHÝ, P.; ANDĚL, M.; RAMBOUSKOVÁ, J.: Prevalence of malnutrition risk among institutionalized elderly from North Bohemia is higher than among those in the capital city of Prague, Czech Republic. Central European Journal of Public Health, 2018; 26(2): 111-117. DOI: 10.21101/cejph.a4944
- TŮMA, P.; BURSOVÁ, M.; SOMMEROVÁ, B.; HORSLEY, R.; ČABALA, R.; HLOŽEK, T.: Novel electrophoretic acetonitrile-based stacking for sensitive monitoring of the antiepileptic drug perampanel in human serum. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160(October): 368-373. DOI: 10.1016/j.jpba.2018.08.006.
- TŮMA, P.; HENEBERG, P.; VACULÍN, Š.; KOVAL, D.: Electrophoretic large volume sample stacking for sensitive determination of the anti-microbial agent pentamidine in rat plasma for pharmacological studies. Electrophoresis, 2018, 39(20): 2605-2611. DOI: 10.1002/elps.201700440.
- TŮMA P., BURSOVÁ M., SOMMEROVÁ B., HORSLEY R., ČABALA R., HLOŽEK T.: Novel electrophoretic acetonitrile-based stacking for sensitive monitoring of the novel antiepileptic drug perampanel in human serum, J. Pharm. Biomed. Anal. 2018, 160, 368-373. <https://doi.org/10.1016/j.jpba.2018.08.006>
- ČERNÁ, M.; PUKLOVÁ, V.; HANZLÍKOVÁ, L.; SOCHOROVÁ, L.; KUBÍNOVÁ, R.: 25 years of HBM in the Czech Republic. International Journal of Hygiene and Environmental Health, 2017, 220(2, Part A): 3-5. DOI: 10.1016/j.ijheh.2016.08.004.
- SEDLAK, P.; PAŘÍZKOVÁ, J.; PROCHÁZKOVÁ, L.; CVRČKOVÁ, L.; DVOŘÁKOVÁ, H.: Secular Changes of Adiposity in Czech Children Aged from 3 to 6 Years: Latent Obesity in Preschool Age. BioMed Research International, 2017, 2017(November): Article 2478461. DOI: 10.1155/2017/2478461.
- TŮMA, P.; JAČEK, M.; FEJFAROVÁ, V.; POLÁK, J.: Electrophoretic stacking for sensitive determination of antibiotic ceftazidime in human blood and microdialysates from diabetic foot. Analytica Chimica Acta, 2016, 942(October): 139-145. DOI: 10.1016/j.aca.2016.09.008.
- TŮMA, P.: The use of polarity switching for the sensitive determination of nitrate in human cerebrospinal fluid by capillary electrophoresis with contactless conductivity detection. Journal of Chromatography A, 2016, 1447(May): 148-154. DOI: 10.1016/j.chroma.2016.04.038.

- TŮMA, P.: Frequency-tuned contactless conductivity detector for electrophoretic separation of clinical samples in capillaries with very small internal dimensions, *J. Sep. Sci.* 2017, 40, 940-947. <http://dx.doi.org/10.1002/jssc.201601213>.
- WILDOVÁ, E.; KRAML, P.; POTOČKOVÁ, J.; DLOUHÝ, P.; ANDĚL, M.: The assessment of the serum C-peptide and plasma glucose levels by orally administered whey proteins in type 2 diabetes mellitus. *Physiological Research*, 2017, 66(6): 993-999.
- ČERNÁ, M.; KRŠKOVÁ, A.; ŠMÍD, J.; MALÝ, M.: Exposure and risk assessment of the Czech population to chlorinated pesticides and polychlorinated biphenyls using archived serum samples from the period 1970 to 1990. *International Journal of Hygiene and Environmental Health*, 2016, 219(4-5): 443-453. DOI: 10.1016/j.ijheh.2016.04.011. IF: 4.643/2016; Poslední IF: 4.848/2017
- SCHNEIDROVÁ, D.; KOPŘIVOVÁ HEROTOVÁ, T.; ŠUSTKOVÁ, M.; HYNČICA, V.: Smoking habits and attitudes in students of the Third Faculty of Medicine of Charles University in Prague. *Central European Journal of Public Health*, 2016, 24(2): 144-151. DOI: 10.21101/cejph.a4472.
- ČERNÁ, M.; MALÝ, M.; RUDNAI, P.; KÖZÉPESY, S.; NÁRAY, M.; HALZLOVÁ, K.; JAJCAJ, M.; GRAFNETTEROVÁ, A.; KRŠKOVÁ, A.; ANTOŠOVÁ, D.; FORYSOVÁ, K. et al.: Case study: Possible differences in phthalates exposure among the Czech, Hungarian, and Slovak populations identified based on the DEMOCOPHES pilot study results. *Environmental Research*, 2015, 141(August): 118-124. DOI: 10.1016/j.envres.2014.10.025.
- TŮMA, P.; OPEKAR, F.: Contactless conductometric determination of methanol and ethanol in samples containing water after their electrophoretic desalination. *Electrophoresis*, 2015, 36(16): 1976-1981. DOI: 10.1002/elps.201500174.
- TŮMA, P.; GOJDA, J.: Rapid determination of branched chain amino acids in human blood plasma by pressure assisted capillary electrophoresis with contactless conductivity detection. *Electrophoresis*, 2015, 36(16): 1969-1975. DOI: 10.1002/elps.201400585. IF: 2.482/2015; Poslední IF: 2.569/2017
- RAMBOUSKOVÁ, J.; KRŠKOVÁ, A.; SLAVÍKOVÁ, M.; ČEJCHANOVÁ, M.; ČERNÁ, M.: Blood levels of lead, cadmium, and mercury in the elderly living in institutionalized care in the Czech Republic. *Experimental Gerontology*, 2014, 58(October): 8-13. DOI: 10.1016/j.exger.2014.07.002.
- RAMBOUSKOVÁ, J.; SLAVÍKOVÁ, M.; KRŠKOVÁ, A.; PROCHÁZKA, B.; ANDĚL, M.; DLOUHÝ, P. Nutritional Status Assessment of Institutionalized Elderly in Prague, Czech Republic. *Annals of Nutrition & Metabolism*, 2013, 62(3): 201-206. DOI: 10.1159/000346038.
- RAMBOUSKOVÁ, J.; KRŠKOVÁ, A.; SLAVÍKOVÁ, M.; ČEJCHANOVÁ, M.; WRANOVÁ, K.; PROCHÁZKA, B.; ČERNÁ, M.: Trace elements in the blood of institutionalized elderly in the Czech Republic. *Archives of Gerontology and Geriatrics*, 2013, 56(2): 389-394. DOI: 10.1016/j.archger.2012.11.002.
- WILDOVÁ, E.; DLOUHÝ, P.; KRAML, P.; RAMBOUSKOVÁ, J.; ŠMEJKALOVÁ, V.; POTOČKOVÁ, J.; ANDĚL, M.: Orally administered whey proteins have comparable effect on C-peptide secretion in healthy subjects as standard C-peptide stimulation tests. *Physiological Research*, 2013, 62(2):179-186.