
Publications



Database of publications of department [in OBD System](#) .

a) Selection of publications in the field of clinical pharmacology

- Potměšil P, Kostýlková L, Kopeček M.: Increased amisulpride serum concentration in a patient treated with concomitant pregabalin and trazodone: a case report. *Ther Adv Psychopharmacol.* 2022 Nov 30;12:20451253221136754. doi: 10.1177/20451253221136754. eCollection 2022. PMID: 36465957 Free PMC article.
- Slíva J. VEGF: A KEY PLAYER NOT ONLY IN MACULAR DEGENERATION. A REVIEW. *Cesk Slov Oftalmol.* 2020;76(4):1-3. doi: 10.31348/2020/11.
- Potměšil P, Sztokowska R. Drug-induced liver injury after switching from tamoxifen to anastrozole in a patient with a history of breast cancer being treated for hypertension and diabetes. *Ther Adv Chronic Dis.* 2020 Nov 16;11:2040622320964152. doi: 10.1177/2040622320964152.
- Kurzová A, Hess L, Slíva J, Málek J. Can changes in skin impedance be used to monitor sedation after midazolam and during recovery from anesthesia? *Physiol Res.* 2021 Apr 30;70(2):265-272. doi: 10.33549/physiolres.934621.
- Klener P, Alexander MS, Cullen JJ, Stejskal V, Sliva J, Kotlářová L, Kostíuk P, Procházka Z, Kučerová M. The benefits of ascorbate to protect healthy cells in the prevention and treatment of oncological diseases. *Journal of Applied Biomedicine*, 2020, 18:1-7, 2020. DOI: 10.32725/jab.2020.003.
- Potměšil P. What combinations of agomelatine with other antidepressants could be successful during the treatment of major depressive disorder or anxiety disorders in clinical practice? *Ther Adv Psychopharmacol.* 2019 Jul 7;9:2045125319855206. doi: 10.1177/2045125319855206. PMID: 31312426; PMCID: PMC6614940.
- Sliva J, Pantzartzi CN, Votava M. Inosine Pranobex: A Key Player in the Game Against a Wide Range of Viral Infections and Non-Infectious Diseases. *Adv Ther.* 2019 Aug;36(8):1878-1905. doi: 10.1007/s12325-019-00995-6. Epub 2019 Jun 5. PMID: 31168764; PMCID: PMC6822865.
- Pavelka K, Jarosova H, Milani L, Prochazka Z, Kostíuk P, Kotlarova L, Meroni AM, Sliva J. Efficacy and tolerability of injectable collagen-containing products in comparison to trimecaine in patients with acute lumbar spine pain (Study FUTURE-MD-Back Pain). *Physiol Res.* 2019 Nov 22;68(Suppl 1):S65-S74. doi: 10.33549/physiolres.934326. PMID: 31755292.
- Kurzová A, Málek J, Hess L, Jaček M, Slíva J. Non-traditional administration of remifentanyl in an experimental setting. *Physiol Res.* 2019 Nov 22;68(Suppl 1):S97-S103. doi: 10.33549/physiolres.934330. PMID: 31755295.
- Slíva J, Charalambous C, Bultas J, Karetová D. A new strategy for the treatment of atherothrombosis - inhibition of inflammation. *Physiol Res.* 2019 Nov 22;68(Suppl 1):S17-S30. doi: 10.33549/physiolres.934327. PMID: 31755287.
- Pavelka K, Jarosova H, Sleglova O, Svobodova R, Votavova M, Milani L, Prochazka Z, Kotlarova L, Kostíuk P, Sliva J, Meroni AM. Chronic Low Back Pain: Current Pharmacotherapeutic Therapies and a New Biological Approach. *Curr Med Chem.* 2019;26(6):1019-1026. doi: 10.2174/0929867325666180514102146. PMID: 29756567.
- Landa L, Jurica J, Sliva J, Pechackova M, Demlova R. Medical cannabis in the treatment of cancer pain and spastic conditions and options of drug delivery in clinical practice. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub.* 2018 Mar;162(1):18-25. doi: 10.5507/bp.2018.007.
- Hess L, Votava M, Málek J, Kurzová A, Slíva J. Sedative effects of intranasal oxytocin in rabbits and rhesus monkeys. *Physiol Res.* 2016 Dec 21;65(Supplementum 4):S473-S480.
- Sliva J, Hess L, Votava M, Malek J. Endogenous ligands of benzodiazepine binding site have inverse agonistic properties. *Med Hypotheses.* 2013 Dec;81(6):1075-7. doi: 10.1016/j.mehy.2013.10.006.

- Patockova J, Sliva J, Marhol P, Crkovska J, Stipek S. The influence of vitamin-rich diet on the extent of lipoperoxidation in brain of mice during an acute post-insulin hypoglycaemia. *Eur J Pharmacol.* 2014 Oct 5;740:641-4. doi:10.1016/j.ejphar.2014.06.015.
- Kopecek M, Potmesil P., How long does the pharmacokinetic interaction between carbamazepine and quetiapine last after carbamazepine withdrawal? *Neuro Endocrinol Lett.* 2017;38(7):475-478.
- Potměšil P, Holý A, Zídek Z. Influence of Acyclic Nucleoside Phosphonate Antivirals on Gene Expression of Chemokine Receptors CCR5 and CXCR4. *Folia Biol.* 2015;61(1):1-7.
- Potmesil P, Holý A, Kmoníčková E, Krízková J, Zídek Z. Acyclic nucleoside phosphonate antivirals activate gene expression of monocyte chemotactic protein 1 and 3. *J Biomed Sci.* 2007 Jan;14(1):59-66.

b) Recent publications with IF in the research of mechanisms of addiction to addictive substances

- Sustkova-Fiserova M, Puskina N, Havlickova T, Lapka M, Syslova K, Pohorala V, Charalambous C. Ghrelin receptor antagonism of fentanyl-induced conditioned place preference, intravenous self-administration, and dopamine release in the nucleus accumbens in rats. *Addict Biol.* 2019 Nov 6:e12845. doi: 10.1111/adb.12845. Epub ahead of print. PMID: 31696597.
- Havlickova T.; Charalambous Ch.; Lapka M.; Puskina N.; Jerabek P.; Sustkova-Fiserova M.: Ghrelin Receptor Antagonism of methamphetamine-induced conditioned place preference and intravenous self-administration in rats. *International Journal of Molecular Sciences*, 2018, 19: Article 2925. doi:10.3390/ijms19102925
- Jeřábek, P.; Havlíčková, T.; Pushkina, N.; Charalambous, Ch.; Lapka, M.; Kačer, P.; Šustková-Fišerová, M. : Ghrelin receptor antagonism of morphine-induced conditioned place preference and behavioral and accumbens dopaminergic sensitization in rats. *Neurochemistry International*, 2017, 110(November): 101-113. DOI: 10.1016/j.neuint.2017.09.013.
- Šustková-Fišerová, M.; Charalambous, C.; Havlíčková, T.; Lapka, M.; Jeřábek, P.; Puškina, N.; Syslová, K.: Alterations in Rat Accumbens Endocannabinoid and GABA Content during Fentanyl Treatment: The Role of Ghrelin. *International Journal of Molecular Sciences*, 2017, 18(11): Article 2486. DOI: 10.3390/ijms18112486.
- Šustková-Fišerová, M.; Jeřábek, P.; Havlíčková, T.; Syslová, K.; Kačer, P.: Ghrelin and endocannabinoids participation in morphine-induced effects in the rat nucleus accumbens. *Psychopharmacology*, 2016, 223(3): 469-484. DOI: 10.1007/s00213-015-4119-3.
- Rudá-Kučerová, J.; Amchová, P.; Havlíčková, T.; Jeřábek, P.; Babinská, Z.; Kačer, P.; Syslová, K.; Šulcová, A.; Šustková-Fišerová, M.: Reward related neurotransmitter changes in a model of depression: An in vivo microdialysis study. *The World Journal of Biological Psychiatry*, 2015, 16(7): 521-535. DOI: 10.3109/15622975.2015.1077991.