



Příloha č. 3: Publikace vztahující se k tématu disertace

Příjmení, jméno, titul, učo:	Gabriela Dovrtělová, 416809
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Detailní přehled publikační aktivity

Originální práce s IF¹

A. Prvoautorské

1. Dovrtelova G, Zendulka O, Noskova K, et al. Effect of endocannabinoid oleamide on rat and human liver cytochrome P450 enzymes in in vitro and in vivo models. *Drug Metab Dispos.* 2018;46(6):913-923. doi:10.1124/dmd.117.079582

IF ²	Q WOS	WOS kategorie
3.640	Q1	Pharmacology & Pharmacy

2. Dovrtelova G, Noskova K, Jurica J, Turjap M, Zendulka O. Can bioactive compounds of *Crocus sativus* L. influence the metabolic activity of selected CYP enzymes in the rat? *Physiol Res.* 2015; 64(4):453-458. ISSN 0862-8408

IF	Q WOS	WOS kategorie
1.643	Q3	Physiology

B. Spoluautorské

1. Zendulka O, Dovrtelova G, Noskova K, et al. Cannabinoids and Cytochrome P450 Interactions. *Curr Drug Metab.* 2016;17(3):206-226. doi:10.2174/1389200217666151210142051

IF	Q WOS	WOS kategorie
2.659		

2. Noskova K, Dovrtelova G, Zendulka O, Reminek R, Jurica J. The effect of (-)-linalool on the metabolic activity of liver CYP enzymes in rats. *Physiol Res.* 2016;65(4):499-504. ISSN 0862-8408

IF	Q WOS	WOS kategorie
1.461		

3. Jurica J, Dovrtelova G, Noskova K, Zendulka O. Bile acids, nuclear receptors and cytochrome P450. *Physiol Res.* 2016; 65(4):427-440. ISSN 0862-8408

IF	Q WOS	WOS kategorie
1.461		

Originální práce v recenzovaných časopisech

¹ U publikací s IF (Impakt faktor) uvádějte i kategorii dle WOS a Q WOS (Impakt faktor kvartil), příklad: IF=1,167; GENETICS & HEREDITY Q4 (v případě více kategorií, uveďte kategorii s nejvyšším příslušným kvantilem).

² Uvádějte IF v roce publikování. Pokud je publikace zatím pouze přijata k tisku, uvádějte aktuální IF časopisu. Po schválení oborovou radou je možné uvádět i publikace před zahájením Ph.D. studia.

Další publikace

Kapitoly v knize
Zendulka O, and <u>Dovrtelova G</u> . Dextromethorphan: Pharmacodynamic and Toxicological Profile. In Xin Wang. Dextromethorphan: Pharmacology, Clinical Uses and Health Effects. New York: Nova Science Publishers. 2015; 71-99. ISBN 978-1-63484-016-3.
Vzdělávací publikace
Jurica J, Pistovcakova J, Ruda J, <u>Dovrtelova G</u> , Merhautova J, Noskova K, Novakova J, Stark T, Tabiova K, Jedonkova L, and Senkyrik M. Atlas léčivých rostlin. <i>Masarykova univerzita</i> , 2017.
Zendulka O, <u>Dovrtelova G</u> , Jurica J, Kostkova H, Landa L, Machalova A, Merhautova J and Noskova K. Soubor kazuistik z farmakologie. <i>Masarykova univerzita</i> , 2016. ISSN 1802-128X.
Machalova A, Babinska Z, <u>Dovrtelova G</u> , Jurica J, Kostkova H, Landa L, Merhautova J, Noskova K, Pistovcakova J, Stark T, Tabiova K, Zendulka O. Farmakologie pro studenty bakalářských oborů na LF MU. <i>Masarykova univerzita</i> , 2015. ISSN 1801-6103.
Abstrakty
<ul style="list-style-type: none">• <u>Dovrtelova G</u>, Noskova K, Jurica J, and Zendulka O. Interaction of oleamide with cytochrome P450 biotransformation system in rat. <i>In 59. Czech-Slovak Neuropsychopharmacological Conference</i>. 2017; ISSN 1211-7579.• <u>Dovrtelova G</u>, Noskova K, Jurica J, and Zendulka O. Effect of major constituents of <i>Crocus sativus</i> on the metabolic activity of selected CYP enzymes in the rat. <i>In 60. Student Scientific Conference 2016, LF MU, Brno</i>. 2016. ISBN 978-80-210-8257-1.• Jurica J, Sabova M, <u>Dovrtelova G</u>, Noskova K, and Zendulka O. Endocannabinoid system and pharmacokinetics of psychotropic drugs. <i>In 66. Czech-Slovak Pharmacological days</i>. 2016; ISBN 978-80-260-9782-2.• Noskova K, <u>Dovrtelova G</u>, Zendulka O, and Jurica J. Effect of linalool on the metabolic activity of CYP2A, CYP2B, CYP3A, CYP2C11 and its anxiolytic potential in the rat. <i>Květiny's day - interdisciplinary seminar for young pharmacologists and toxicologists</i>. 2016.• Jurica J, Noskova K, <u>Dovrtelova G</u>, and Zendulka O. Effect of Safranal as a major constituent of <i>Crocus Sativus</i> on hydroxylation of testosterone as marker reactions of metabolic activity of CYP2A, CYP2B, CYP2C and CYP3A enzymes. <i>In 58. Czech-Slovak Neuropsychopharmacological Conference</i>. 2016; ISSN 1211-7579.• <u>Dovrtelova G</u>, Noskova K, Sabova M, Jurica J, Bromek E, and Zendulka O. The influence of crocin and safranal on the metabolic activity of CYP enzymes in rat. <i>In 57. Czech-Slovak Neuropsychopharmacological Conference</i>. 2015; ISSN 1212-7579.• Noskova K, <u>Dovrtelova G</u>, Zendulka O, Turjap M, and Jurica J. The influence of carotenoid lycopene on the metabolic activity of CYP2A, CYP3A, CYP2B and CYP2C11 in rat. <i>In 65. Czech-Slovak Pharmacological days</i>. 2015. ISBN 978-80-260-8027-5.• Noskova K, <u>Dovrtelova G</u>, Zendulka O, and Jurica J. The effect of tolbutamide on the phenacetin metabolism as a marker of CYP1A2 metabolic activity. <i>In 57. Czech-Slovak Neuropsychopharmacological Conference</i>. 2015; ISSN 1212-7579.• Zendulka O, Sabova M, <u>Dovrtelova G</u>, Noskova K, and Jurica J. The influence of selected cannabinoids on the activity of cytochrome P450 in rat. <i>In 57. Czech-Slovak Neuropsychopharmacological Conference</i>. 2015; ISSN 1212-7579.• <u>Dovrtelova G</u>, Jurica J, Noskova K, Behal M, and Zendulka O. Effect of crocin and fluoxetine on CYP2C6 in vivo metabolic activity its protein levels in rat liver microsomes. <i>CEITEC Annual Conference</i>. 2014; ISBN 978-80-210-7159-9.• <u>Dovrtelova G</u>, Sabova M, Jurica J, Konecna K, and Zendulka O. Oleamide, its influence on the metabolic activity of cytochrome P450 and locomotion in rats. <i>In 56. Czech-Slovak Neuropsychopharmacological Conference</i>. 2014; ISSN 1211-7579.

- Zendulka O, Sabova M, Dovrtelova G, Sveda P, Farkova M, and Jurica J. Pharmacokinetics interactions between methamphetamine and alcohol. *In 56. Czech-Slovak Neuropsychopharmacological Conference*. 2014; ISSN 1211-7579.
- Dovrtelova G, Noskova, K, Sabova M, Jurica, J, and Zendulka O. The effect of oleamide on the metabolic activity of CYP2C6 and phagocytic activity in rat. *Květina's day - interdisciplinary seminar for young pharmacologists and toxicologists*. 2014.
- Turjap M, Dovrtelova G, Noskova K, Zendulka O, and Jurica J. Determination of testosterone and its 5 metabolites in the incubation media as a measure of cytochrome P450 metabolic activity. *CECE 2014: 11th International Interdisciplinary Meeting on Bioanalysis: Institute of Analytical Chemistry AS CR*. 2014; 270-273, ISBN 978-80-904959-2-0.
- Jurica J, Turjap M, Zendulka O, Brejcha S, and Dovrtelova G. CYP1A2 phenotype determination for clinical purposes using caffeine as a selective probe substrate. *In 56. Czech-Slovak Neuropsychopharmacological Conference*. 2014; ISSN 1211-7579.
- Noskova K, Sabova M, Dovrtelova G, Zendulka O, and Jurica J. The effect of different doses of methamphetamine on the biotransformation of acute administration of alcohol in rats. *CEITEC Annual Conference*. 2014; ISBN 978-80-210-7159-9.
- Midlik A, Sebrlova K, Kusnyerova I, et al. HPLC-MS Identification of Metabolites of Selected Benzophenanthridine Alkaloids by Rat Liver Microsomes. *In European Symposium on Atomic Spectrometry ESAS 2014 & 15th Czech-Slovak Spectroscopic Conference*. 2014. ISBN 978-80-905704-1-2.
- Midlik A, Sandor R, Noskova, K, et al. Liquid chromatographic mass spectrometric detection of metabolites of minor benzo[c]phenanthridine alkaloids. *CECE 2014: 11th International Interdisciplinary Meeting on Bioanalysis: Institute of Analytical Chemistry AS CR*. 2014; 270-273, ISBN 978-80-904959-2-0.