

Wybrane publikacje

Rok 2018

1. Konop M, Czuwara J, Kłodzińska E, Laskowska A.K, Zielenkiewicz U, Brzozowska I, Nabavi S.M, Rudnicka L. Development of a novel keratin dressing which accelerates full-thickness skin wound healing in diabetic mice: in vitro and in vivo studies. *J. Biomater. Appl.* 2018 Jul; DOI: 10.1177/0123456789123456.
2. Zaorska E, Konop M, Ostaszewski R, Koszelewski D, *Ufnal M.* Salivary Hydrogen Sulfide Measured with a New Highly Sensitive Self-Immolative Coumarin-Based Fluorescent Probe. *Molecules.* 2018 Sep 3;23(9).
3. Skrzypecki J, Żera T, *Ufnal M.* Butyrate, a Gut Bacterial Metabolite, Lowers Intraocular Pressure in Normotensive But Not in Hypertensive Rats. *J Glaucoma.* 2018 Sep;27(9):823-827.
4. Mogilnicka I, *Ufnal M.* Gut Mycobiota and Fungal Metabolites in Human Homeostasis. *Curr Drug Targets.* 2018 Jul 24. doi: 10.2174/1389450119666180724125020
5. Huc T, Konop M, Onyszkiewicz M, Podsadni P, Szczepanska A, Turlo J, *Ufnal M.* Colonic indole, gut bacteria metabolite of tryptophan, increases portal blood pressure in rats. *Am J Physiol Regul Integr Comp Physiol.* 2018 May 30. doi:10.1152/ajpregu.00111.2018.
6. Konopelski P, *Ufnal M.* Indoles - gut bacteria metabolites of tryptophan with pharmacotherapeutic potential. *Curr Drug Metab.* 2018 Apr 27. doi: 10.2174/1389200219666180427164731.
7. Huć T, Nowinski A, Drapala A, Konopelski P, *Ufnal M.* Indole and indoxyl sulfate, gut bacteria metabolites of tryptophan, change arterial blood pressure via peripheral and central mechanisms in rats. *Pharmacol Res.* 2018 Apr;130:172-179.
8. Bielinska K, Radkowski M, Grochowska M, Perlejewski K, Huc T, Jaworska K, Motooka D, Nakamura S, *Ufnal M.* High salt intake increases plasma trimethylamine N-oxide (TMAO) concentration and produces gut dysbiosis in rats. *Nutrition.* 2018 Mar 22;54:33-39.
9. Skrzypecki J, Grabska-Liberek I, Przybek J, *Ufnal M.* A common humoral background of intraocular and arterial blood pressure dysregulation. *Curr Med Res Opin.* 2018 Mar;34(3):521-529

10. Nowiński A, *Ufnal M*. Trimethylamine N-oxide: A harmful, protective or diagnostic marker in lifestyle diseases? *Nutrition*. 2018 Feb;46:7-12.
11. Konop M, Radkowski M, Grochowska M, Perlejewski K, Samborowska E, *Ufnal M*. Enalapril decreases rat plasma concentration of TMAO, a gut bacteria-derived cardiovascular marker. *Biomarkers*. 2018 May - Jun;23(4):380-385.
12. Huc T, Jurkowska H, Wróbel M, Jaworska K, Onyszkiewicz M, *Ufnal M*. Colonic hydrogen sulfide produces portal hypertension and systemic hypotension in rats. *Exp Biol Med (Maywood)*. 2018 Jan;243(1):96-106.
13. Nowiński A, *Ufnal M*. Gut bacteria-derived molecules as mediators and markers in cardiovascular diseases. The role of the gut-blood barrier. *Kardiol Pol*. 2018;76(2):320-327.

Rok 2017

1. *Ufnal M*, Pham K. The gut-blood barrier permeability - A new marker in cardiovascular and metabolic diseases? *Med Hypotheses*. 2017 Jan;98:35-37.
2. Drapala A, Koszelewski D, Tomasova L, Ostaszewski R, Grman M, Ondrias K, *Ufnal M*. Parenteral Na(2)S, a fast-releasing H(2)S donor, but not GYY4137, a slow-releasing H(2)S donor, lowers blood pressure in rats. *Acta Biochim Pol*. 2017;64(3):561-566.
3. Skrzypecki J, Gawlak M, Huc T, Szulczyk P, *Ufnal M*. Renal denervation decreases blood pressure and renal tyrosine hydroxylase but does not augment the effect of hypotensive drugs. *Clin Exp Hypertens*. 2017;39(3):290-294.
4. Wołyńczyk-Gmaj D, Różańska-Wałędziak A, Ziemka S, *Ufnal M*, Brzezicka A, Gmaj B, Januszko P, Fudalej S, Czajkowski K, Wojnar M. Insomnia in Pregnancy Is Associated With Depressive Symptoms and Eating at Night. *J Clin Sleep Med*. 2017 Oct 15;13(10):1171-1176.
5. Skrzypecki J, *Ufnal M*. The Upright Body Position Increases Translaminar Pressure Gradient in Normotensive and Hypertensive Rats. *Curr Eye Res*. 2017 Dec;42(12):1634-1637.
6. Walacik-Ufnal E, Piotrowska AJ, Wołyńczyk-Gmaj D, Januszko P, Gmaj B, *Ufnal M*, Kabat M, Wojnar M. Narcolepsy type 1 and hypersomnia associated with a psychiatric disorder show different slow wave activity dynamics. *Acta Neurobiol Exp (Wars)*. 2017;77(2):147-156.

7. Tomasova L, Drapala A, Jurkowska H, Wróbel M, *Ufnal M*. Na(2)S, a fast-releasing H(2)S donor, given as suppository lowers blood pressure in rats. *Pharmacol Rep*. 2017 Oct;69(5):971-977.
8. Jaworska K, Huc T, Samborowska E, Dobrowolski L, Bielinska K, Gawlak M, *Ufnal M*. Hypertension in rats is associated with an increased permeability of the colon to TMA, a gut bacteria metabolite. *PLoS One*. 2017 Dec 13;12(12):e0189310.

Rok 2016

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2. Sikora M, Konopelski P, Pham K, Wyczalkowska-Tomasik A, *Ufnal M*. Repeated restraint stress produces acute and chronic changes in hemodynamic parameters in rats. *Stress*. 2016 Nov;19(6):621-629.
3. Król M, *Ufnal M*, Szulczyk B, Podsadni P, Drapala A, Turło J, Dawidowski M. Characterization of Disopyramide derivative ADD424042 as a non-cardiotoxic neuronal sodium channel blocker with broad-spectrum anticonvulsant activity in rodent seizure models. *Eur J Pharm Sci*. 2016 Jan 1;81:42-51.
4. Tomasova L, Konopelski P, *Ufnal M*. Gut Bacteria and Hydrogen Sulfide: The New Old Players in Circulatory System Homeostasis. *Molecules*. 2016 Nov 17;21(11).
5. Sikora M, Pham K, *Ufnal M*. Hypotensive effect of S-adenosyl-L-methionine in hypertensive rats is reduced by autonomic ganglia and KATP channel blockers. *Amino Acids*. 2016 Jul;48(7):1581-90
6. Tomasova L, Dobrowolski L, Jurkowska H, Wróbel M, Huc T, Ondrias K, Ostaszewski R, *Ufnal M*. Intracolonic hydrogen sulfide lowers blood pressure in rats. *Nitric Oxide*. 2016 Nov 30;60:50-58.