

## Wybrane Publikacje

- **Wrzosek M**, Wiśniewska K, Sawicka A, Tałałaj M, **Nowicka G**. Early-onset of obesity and adult-onset of obesity as factors affecting patient characteristics prior to bariatric surgery. **Obesity Surgery**, **2018**, DOI:10.1007/s11695-018-3381-y.
- **Włodarczyk M**, Jabłonowska-Lietz B, **Olejarz W**, **Nowicka G**. Anthropometric and Dietary Factors as Predictors of DNA Damage in Obese Women. **Nutrients** **2018**, **10**, 578
- **Olejarz W**, **Łacheta D**, Głuszko A, Migacz E, Kukwa W, Szczepański M. J, Tomaszewski P, **Nowicka G**. RAGE and TLRs as Key Targets for Antiatherosclerotic Therapy. **BioMed Research International**, **2018**, doi.org/10.1155/2018/7675286
- **Łacheta D**, **Olejarz W**, **Wrzosek M**, **Nowicka G**. Toll-like receptors as a potential therapeutic target for atherosclerosis and cardiovascular disease. **Postępy Higieny i Medycyny Doświadczalnej**. **2018**; **72**:728-73
- **Wrzosek M**, Sawicka A, Tałałaj M, Wojnar M, **Nowicka G**. Impulsivity and vitamin D in bariatric surgery candidates Pharmacological Reports 2018, **70**, 688-693
- Ciebiera M, **Włodarczyk M**, Ciebiera M, Zaręba K, Łukaszuk K, Jakiel G. Vitamin D and Uterine Fibroids-Review of the Literature and Novel Concepts. **Int J Mol Sci.** **2018** Jul 14;19(7). pii: E2051. doi: 10.3390/ijms19072051.
- Ciebiera M, Szymańska-Majchrzak J, Sentkowska A, Kilian K, Rogulski Z, **Nowicka G**, Jakiel G, Tomaszewski P, **Włodarczyk M**. Alpha-Tocopherol Serum Levels Are Increased in Caucasian Women with Uterine Fibroids: A Pilot Study. **Biomed Res Int.** **2018** Jul 24;2018:6793726. doi: 10.1155/2018/6793726.
- Ciebiera M, **Włodarczyk M**, **Wrzosek M**, Wojtyła C, Błażej M, **Nowicka G**, Łukaszuk K, Jakiel G. TNF- $\alpha$  serum levels are elevated in women with clinically symptomatic uterine fibroids. **Int J Immunopathol Pharmacol.** **2018** Jan-Dec;32:2058738418779461. doi: 10.1177/2058738418779461
- Ciebiera M, **Włodarczyk M**, **Wrzosek M**, Ślabuszewska-Jóźwiak A, **Nowicka G**, Jakiel G. Ulipristal acetate decreases transforming growth factor  $\beta$ 3 serum and tumor tissue concentrations in patients with uterine fibroids. **Fertil Steril.** **2018** Mar;109(3):501-507
- **Jóźwiak M**, Stępień K, **Wrzosek M**, **Olejarz W**, **Kubiak-Tomaszewska G**, Filipowska A, Filipowski W and Struga M. Synthesis, Structural Studies and Biological Evaluation of Connections of Thiosemicarbazide, 1,2,4-Triazole and 1,3,4-Thiadiazole with Palmitic Acid. **Molecules** **2018**, **23**, 822
- Szulczyk D, Dobrowolski M A, Roszkowski P , Bielenica A, Stefańska J, Koliński M, Kmiecik S, **Jóźwiak M**, **Wrzosek M**, **Olejarz W**, Struga M. Design and synthesis of novel 1H-tetrazol-5-amine based potent antimicrobial agents: DNA topoisomerase IV and gyrase affinity evaluation supported by molecular docking studies. **European Journal of Medicinal Chemistry**. **2018**:156: 631-640

- Jóźwiak M, Struga M, Roszkowski P, **Filipek A, Nowicka G, Olejarz W.** Anticancer effects of alloxanthoxyletin and fatty acids esters - In vitro study on cancer HTB-140 and A549 cells. **Biomed Pharmacother.** **2019** Feb;110:618-630. doi: 10.1016/j.biopha.2018.12.005. Epub 2018 Dec 10
- **Wrzosek M**, Sawicka A, Wrzosek M, Piątkiewicz P, Tałałaj M, **Nowicka G.** Age at onset of obesity, transcription factor 7-like 2 (TCF7L2) rs7903146 polymorphism, adiponectin levels and the risk of type 2 diabetes in obese patients. **Arch Med Sci**,**2017**, DOI: <https://doi.org/10.5114/aoms.2017.69631,932>
- Ciebiera M, **Włodarczyk M, Wrzosek M**, Męczekalski B, **Nowicka G**, Łukaszuk K, Ciebiera M, Słabuszewska-Jóźwiak A, Jakiel G. Role of Transforming Growth Factor  $\beta$  in Uterine Fibroid Biology. **Int J Mol Sci.** **2017** Nov 17;18(11).
- Stolarczyk EU, Stolarczyk K, Łaszczyk M, Kubiszewski M, Maruszak W, **Olejarz W, Bryk D.** Synthesis and characterization of genistein conjugated with gold nanoparticles and the study of their cytotoxic properties. **Eur J Pharm Sci.** **2017**, 96, 176-185.
- Ostrowska K, **Olejarz W, Wrzosek M, Głuszko A, Nowicka G**, Szczepański M, Materek IB, Kozioł AE, Struga M Anticancer effects of O-aminoalkyl derivatives of alloxanthoxyletin and seselin. Biomed Pharmacother. **2017** Nov;95:1412-1424. doi: 10.1016/j.biopha.2017.09.050
- Bielenica A, Szulczyk D, **Olejarz W**, Madeddu S, Giliberti G, Materek IB, Kozioł AE, Struga M. 1H-Tetrazol-5-amine and 1,3-thiazolidin-4-one derivatives containing 3 (trifluoromethyl)phenyl scaffold: Synthesis, cytotoxic and anti-HIV studies. **Biomedicine & Pharmacotherapy.** **2017** (94), 804-812.
- Ostrowska K, **Olejarz W, Wrzosek M, Głuszko A, Nowicka G**, Szczepański M, Materek I, Kozioł A, Struga M. Anticancer effects of O-aminoalkyl derivatives of alloxanthoxyletin and seselin. **Biomedicine & Pharmacotherapy.** **2017** (95) 1412-1424
- Jabłonowska-Lietz B, **Wrzosek M, Włodarczyk M, Nowicka G.** New indexes of body fat distribution, visceral adiposity index, body adiposity index, waist-to-height ratio, and metabolic disturbances in the obese. **Kardiol Pol.** **2017**;75(11):1185-1191
- Ciebiera M., **Włodarczyk M.**, Słabuszewska-Jóźwiak A., Ciebiera M., **Nowicka G.**, Jakiel G. **Vitamin D serum levels in women using contraception containing drospirenone – a preliminary study.** **Archives of Medical Science.** **2017**, doi: <https://doi.org/10.5114/aoms.2017.70887>
- **Kośmider A.**, Czepielewska E., Kuraś M., Gulewicz K., Pietrzak W., Nowak R. **and Nowicka G.** Uncaria tomentosa Leaves Decoction Modulates Differently ROS Production in Cancer and Normal Cells, and Effects Cisplatin Cytotoxicity. **Molecules** **2017**, 22, 620-635
- Filipowska Anna , Filipowski Wojciech , Tkacz Ewaryst , Nowicka Grażyna , Struga Marta Katarzyna. Statistical Analysis of the Impact of Molecular Descriptors on Cytotoxicity of Thiourea Derivatives Incorporating 2-Aminothiazole Scaffold. **Chemical & Pharmaceutical Bulletin.** **2016**; 64(8): 1196-1202

- **Włodarczyk M, Wrzosek M, Nowicka G, Jabłonowska-Lietz B.** Impact of variants in CETP and apo AI genes on serum HDL cholesterol levels in men and women from the Polish population. **Arch Med Sci.** **2016** Dec 1;12(6):1188-1198
- Ciebiera M, **Włodarczyk M, Słabuszewska-Jóźwiak A, Nowicka G, Jakiel G.** Influence of vitamin D and transforming growth factor  $\beta$ 3 serum concentrations, obesity, and family history on the risk for uterine fibroids. **Fertil Steril.** **2016** Dec;106(7):1787-1792.
- **Wrzosek M, Zakrzewska A, Ruczko L, Jabłonowska-Lietz B, Nowicka G.** Association between rs9930506 polymorphism of the fat mass & obesity-associated (FTO) gene & onset of obesity in Polish adults. **Indian J Med Res.** **2016** Mar;143(3):281-7
- **Wrzosek M., Sokal M., Sawicka A., Włodarczyk M., Glowala M,** Wrzosek M. et al Impact of obesity and nitric oxide synthase gene G894T polymorphism on essential hypertension. **Journal of Physiology and Pharmacology** **2015**: 66: 681-689.
- Filipek A, Czerwińska ME, Kiss AK, **Wrzosek M,** Naruszewicz M. Oleacein enhances anti-inflammatory activity of human macrophages by increasing CD163 receptor expression. **Phytomedicine.** **2015** Dec 15;22(14):1255-61
- Bielenica Anna Maria, Stefańska Joanna Zofia, Stępień Karolina Anna, Napiórkowska Agnieszka , Ewa Augustynowicz-Kopeć , Giuseppina Sanna , Silvia Madeddu , Stefano Boi , Gabriele Giliberti , **Wrzosek Małgorzata , Struga Marta Katarzyna.** Synthesis, cytotoxicity and antimicrobial activity of thiourea derivatives incorporating 3-(trifluoromethyl)phenyl moiety. **European Journal of Medicinal Chemistry.** **2015**; 101:111-125
- Stefańska Joanna Zofia, **Nowicka Grażyna Joanna, Struga Marta Katarzyna,** Szulczyk Daniel , Kozioł Anna Eugenia, Ewa Augustynowicz-Kopeć , Napiórkowska Agnieszka , Bielenica Anna Maria, Filipowski Wojciech , Filipowska Anna , Aleksandra Drzewiecka , Gabriele Giliberti , Silvia Madeddu , Stefano Boi , Paolo La Colla , Giuseppina Sanna. Antimicrobial and anti-biofilm activity of thiourea derivatives incorporating a 2-aminothiazole scaffold. **Chemical & Pharmaceutical Bulletin.** **2015**; 63(3): 225-236