

## References

1. Hosek.J, Lelakova.V, Bobal.P, Pizova. H, Gazdova.M, Malanik.M, Jakubczyk.K , Vesely.O, Landa.P, Temml.V, Schuster.D, Prachyawarakorn.V, Pailee. P, Ren. G, Zpurny.F, Oravec.M, Smejkal.K, **Prenylated Stilbenoids Affect Inflammation by Inhibiting the NF-kappa B/AP-1 Signaling Pathway and Cyclooxygenases and Lipoxigenase**, *JOURNAL OF NATURAL PRODUCTS* 82 (2019) 1839-1848
2. Otevrel.J, Svestka.D, Bobal.P, **Bianthryl-based organocatalysts for the asymmetric Henry reaction of fluoroketones**, *ORGANIC & BIOMOLECULAR CHEMISTRY*, 17 (2019) 5244-5248
3. Lastovickova.M, Bobal.P, Strouhalova.D, Bobalova.J, **Acetonitrile-assisted enzymatic digestion can facilitate the bottom-up identification of proteins of cancer origin**, *ANALYTICAL BIOCHEMISTRY*, 17 (2019) 1-4
4. Pokorna.A, Bobal. P, Oravec. M, Rarova.L, Bobalova.J, Jampilek.J, **Investigation of Permeation of Theophylline through Skin Using Selected Piperazine-2,5-Diones**, *MOLECULES*, 24 (2019) 566
5. Lelakova.V, Smejkal.K, Jakubczyk.K, Vesely.O, Landa.P, Vaclavik.,J, Bobal.P, Pizova.H, Temml.V, Steinacher.T, Schuster.D, Granica.S, Hanakova.Z, Hosek.J, **Parallel in vitro and in silico investigations into anti-inflammatory effects of non-prenylated stilbenoids**, *FOOD CHEMISTRY*, 285 (2019) 431- 440
6. Hunakova.L, Horvathova.E, Gronesova.P, Bobal.P, Otevrel.J, Brtko.J, **Triorganotin Isothiocyanates Affect Migration and Immune Check-point Receptors in Human Triple-negative Breast Carcinoma MDA-MB-231 Cells**, *ANTICANCER RESEARCH*, 39 (2019) 4845-4851
7. Hunakova.L, Horvathova.E, Majerova.K, Bobal.P, Otevrel.J, Brtko.J, **Genotoxic Effects of Tributyltin and Triphenyltin Isothiocyanates, Cognate RXR Ligands: Comparison in Human Breast Carcinoma MCF 7 and MDA-MB-231 Cells** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 20 (2019) 1198
8. Strouhalova.D, Macejova.D, Mosna.B, Bobal.P, Otevrel.J, Lastovickova.M, Brtko.J, Bobalova.J, **Down-regulation of vimentin by triorganotin isothiocyanates-nuclear retinoid X receptor agonists: A proteomic approach**, *TOXICOLOGY LETTERS*, 318 (2020) 22-29
9. Macejova.D, Mosna.B, Bobal.P, Otevrel.J, Brtko.J, **Triorganotin derivatives: time-dependent expression of Vimentin, Annexin A5 and selected nuclear receptors mRNA in MDA-MB-231 breast cancer cells** *TOXICOLOGY LETTERS*, 314 (2019) 124-125
10. Bak.A, Pizova.H, Kozik.V, Vorcakova.K, Kos.J, Tremml.J, Odehnalova.K, Oravec.M, Imramovsky.A, Bobal.P, Smolinski.A, Travnicek.Z, Jampilek.J, **SAR-mediated Similarity Assessment of the Property Profile for New, Silicon-Based AChE/BChE Inhibitors**, *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 20 (2019) 5385

