

Katedra za biofarmacijo s farmakokinetiko

Berginc Katja, Kristl Albin: The effect of garlic supplements and phytochemicals on the ADMET properties of drugs.- V: *Expert opinion on drug metabolism & toxicology*, 2012, vol. 8, no. 3, str. 295-310, COBISS.SI-ID: 3199089.

Berginc Katja, Škalko-Basnet Nataša, Basnet Purusotam, Kristl Albin: Development and evaluation of an in vitro vaginal model for assessment of drug's biopharmaceutical properties: curcumin.- V: *AAPS PharmSciTech*, 2012, 13, 4, str. 1045-1053, COBISS.SI-ID: 3287665.

Berginc Katja, Nagelj Kovačič Nataša, Žakelj Simon: Buffers for in vitro evaluation of drug permeability: a review.- *J. Pharm. Res. Opin.*, 2012, 2, 10, str. 107-124, COBISS.SI-ID: 3350129.

Berginc Katja, Trontelj Jurij, Skalko Basnet N., Kristl Albin: Physiological barriers to the oral delivery of curcumin.- V: *Pharmazie*, 2012, 67, 6, str. 518-524, COBISS.SI-ID: 3251313.

Cvirk Novak Mateja, Čater Nataša, Urbanc Marina, Vovk Tomaž: Lekarniški farmacevt in bolezni ušes, nosu in grla = Community pharmacist and diseases of ear, nose and throat. - *Farm. Vestn.*, 2012, 63, 2, str. 122-132, COBISS.SI-ID: 3244913.

Grabnar Iztok: Od kontroliranih kliničnih raziskav do na dokazih temelječega zdravljenja z zdravili = From controlled clinical trials to evidence-based pharmacotherapy.- *Farm. Vestn.*, 2012, 63, 4, str. 211-215, COBISS.SI-ID: 3312241.

Grosek Štefan, Soban Martina, Kuštrin-Samba Alenka, Primožič Janez, Grabnar Iztok: Probable association of neonatal death with the use of tramadol to treat labour pain. - *Signa vitae*, 2012, 7, 2, str. 56-59, COBISS.SI-ID: 475820.

Hasa Dritan, Perissutti Beatrice, Chierotti Michele Remo, Gobetto Roberto, Grabnar Iztok, Bonifacio Alois, Dall'acqua Stefano, Invernizzi Sergio, Voinovich Dario: Mechanochemically induced disordered structures of vincamine: the different mediation of two cross-linked polymers.- *Int. J. Pharm.*, 2012, 436, 1-2, str. 41-57, COBISS.SI-ID: 3273329.

Jagrič Munih Sara, Nemec Alenka, Zrimšek Petra, Kramarič Petra, Kadunc Kos Vesna, Vovk Tomaž, Kobal Silvestra: Plasma malondialdehyde, biochemical and haematological parameters in standardbred horses during a selected field exercise test.- *Acta Vet. (Beogr.)*, 2012, 62, 1, str. 53-65, COBISS.SI-ID: 3508858.

Jančar Petra, Knez Lea, Mrhar Aleš: Usklajevanje zdravljenja z zdravili pri prehodih bolnikov med različnimi ravnimi zdravstvene oskrbe = Medication reconciliation at patients transition across the healthcare interfaces. *Farm. Vestn.*, 2012, 63, 2, str. 133-136, COBISS.SI-ID: 3245169.

Kerec Kos Mojca: Zdravila za zdravljenje bolečine = Analgesic drugs.- *Farm. Vestn.*, 2012, 63, 1, str. 6-9, COBISS.SI-ID: 3238769.

Martinc Boštjan, Grabnar Iztok, Vovk Tomaž: The role of reactive species in epileptogenesis and influence of antiepileptic drug therapy on oxidative stress.- *Current Neuropharmacology*, 2012, 10, 4, str. 328-343, COBISS.SI-ID: 3338865.

Kralj Eva, Trontelj Jurij, Pajič Tadej, Kristl Albin: Simultaneous measurement of imatinib, nilotinib and dasatinib in dried blood spot by ultra high performance liquid chromatography tandem mass spectrometry. - V: *Journal of chromatography. B, Analytical technologies in the biomedical and life sciences*, 2012, 903, str. 150-156, COBISS.SI-ID: 3292273.

Loch Christian, Žakelj Simon, Kristl Albin, Nagel Stefan, Guthoff Rudolf F., Weitschies Werner, Seidlitz Anne: Determination of permeability coefficients of ophthalmic drugs through different layers of porcine, rabbit and bovine eyes.- V: *Eur. J. Pharm. Sci.*, 2012, 47, 1, str. 131-138, COBISS.SI-ID: 3370353.

Ranković Ana, Milovanović Jasmina, Janković V., Snežana, Todorović Natalija, Rančić Nemanja, Jestrović Nikola, Grabnar Iztok, Janković Slobodan, Jakovljević Mihajlo: Role of anticonvulsant therapeutic drug monitoring in improving clinical outcomes: an example of 12 adult epilepsy patients = Uloga kontrolisanja antikonvulzivne terapije u unapredjivanju kliničkih rezultata na primeru 12 odraslih obolelih od epilepsije. - *Serb. J. Exp. Clin. Res.*, 2012, 13, 2, str. 69-71, COBISS.SI-ID: 3285617.

Štefanič Marko, Locatelli Igor, Vrečer Franc, Sever Tanja, Mrhar Aleš, Bogataj Marija: The influence of gastric emptying kinetics on the drug release from enteric coated pellets in fasted state: An in vitro/in vivo correlation.- *Eur. J. Pharm. Biopharm.*, 2012, 82, 2, str. 376-382, COBISS.SI-ID: 3286385.

Trdan Lušin Tina, Mrhar Aleš, Stieger Bruno, Kullak-Ublick Gerd A., Marc Janja, Ostanek Barbara, Zavratnik Andrej, Kristl Albin, Berginc Katja, Delić Katja, Trontelj Jurij: Influence of hepatic and intestinal efflux transporters and their genetic variants on the pharmacokinetics and pharmacodynamics of raloxifene in osteoporosis treatment.- *Translational Research*, 2012, 160, 4, str. 298-308, COBISS.SI-ID: 3226481.

Trdan Lušin Tina, Roškar Robert, Mrhar Aleš: Evaluation of bisphenol A glucuronidation according to UGT1A1*28 polymorphism by a new LC-MS/MS assay.- *Toxicology* (Amst.). 2012, 292, 1, str. 33-41, COBISS.SI-ID: 3168369.

Trdan Lušin Tina, Tomašić Tihomir, Trontelj Jurij, Mrhar Aleš, Peterlin-Mašič Lucija: In vitro bioactivation of bazedoxifene and 2-(4-hydroxyphenyl)-3-methyl-1Hindol- 5-ol in human liver microsomes.- *Chem.Biol. Interact.*, 2012, 197, 1, str. 8-15, COBISS.SI-ID: 3213425.

Trdan Lušin, Tina, Stieger, Bruno, Marc, Janja, Mrhar, Aleš, Trontelj, Jurij, Zavratnik, Andrej, Ostanek, Barbara. Organic anion transporting polypeptides OATP1B1 and OATP1B3 and their genetic variants influence the pharmacokinetics and pharmacodynamics of raloxifene.- *J. Transl. Med.* (Online), 2012, 10:76, 24 str., COBISS.SI-ID: 3236977.

Katedra za farmacevtsko biologijo

Anderluh Marko, Jug Gregor, Švajger Urban, Obermajer Nataša: DC-SIGN antagonists, a potential new class of anti-infectives.- *Curr. Med. Chem.*, 2012, 19, 7, str. 992-1007, COBISS.SI-ID: 3194737.

Berlec Aleš, Ravnikar Matjaž, Štrukelj Borut: Lactic acid bacteria as oral delivery systems for biomolecules.- *Pharmazie*, 2012, 67, 11, str. 891-898, COBISS.SI-ID: 3346033.

Berlec Aleš, Štrukelj Borut: Generating a custom TA-cloning expresion plasmid for Lactococcus lactis.- *BioTechniques*, 2012, 52, 1, str. 51-53, COBISS.SI-ID: 25394727.

Bratkovič Tomaž, Glavan Gordana, Štrukelj Borut, Živin Marko, Rogelj Boris: Exploiting microRNAs for cell engineering and therapy- *Biotechnol. Adv.*, 2012, 30, 3, str. 753-765, COBISS.SI-ID: 3197041.

Budič Maruška, Sabotič Jerica, Meglič Vladimir, Kos Janko, Kidrič Marjetka: Characterization of two novel subtilases from common bean (*Phaseolus vulgaris* L.) and their responses to drought.- *Plant Physiol. Biochem.*, 2012, 62, str. 79-87, COBISS.SI-ID: 26305831.

Erjavec Jana, Kos Janko, Ravnikar Maja, Dreš Tanja, Sabotič Jerica: Proteins of higher fungi - from forest to application.- *Trends Biotechnol.*, 2012, 30, 5, str. 259-273, COBISS.SI-ID: 2504527

Gopal Radha, Lin Yinyao, Obermajer Nataša, Slight Samantha, Nuthalapat, Nikhil, Ahmed Mushtaq, Kalinski Paweł, Khader Shabaana A.: IL-23 dependent IL-17 drives Th1-cell responses following *Mycobacterium bovis* BCG vaccination.- *Eur J. Immunol.*, 2012, 42, issue 2, str. 364-373, COBISS.SI-ID: 3164273.

Hafner Anja, Obermajer Nataša, Kos Janko: Gama-enolase C-terminal peptide promotes cell survival and neurite outgrowth by activation of PI 3-K/Akt and MAPK/ERK signaling pathways. - *Biochem. J.*, 2012, 443, str. 439-450, COBISS.SI-ID: 3194993.

Janeš Damjan, Kalamar Boštjan, Kreft Samo: Improved method for isolation of lycopsamine from roots of comfrey (*Symphytum officinale*).- *Natural Product Communications*, 2012, 7, 7, str. 861-862, COBISS.SI-ID: 3287409.

Janeš Damjan, Prosen Helena, Kreft Samo: Identification and quantification of aroma compounds of tartary buckwheat (*Fagopyrum tataricum* gaertn.) and some of its milling fractions.- *J. Food Sci.*, 2012, 7, 7, str. C746-C751, COBISS.SI-ID: 3287153.

Jevnikar Zala, Mirković Bojana, Pečar Fonović Urša, Zidar Nace, Švajger Urban, Kos Janko: Three-dimensional invasion of macrophages is mediated by cysteine cathepsins in protrusive podosomes.- *Eur J. Immunol*, 2012, 42, 13 str., COBISS.SI-ID: 3319921.

Kočevan Glavač Nina, Košir Iztok Jože, Rode Janko, Kreft Samo: Optimization and use of a spectrophotometric method for determining polysaccharides in *Echinacea purpurea*.- *Cent. Eur. J. Biol.*, 2012, 7, 1, str. 126-131, COBISS.SI-ID: 583820.

Kočevan Glavač Nina, Kreft Samo: Excretion profile of glycyrrhizin metabolite in human urine.- *Food Chem.*, 2012, 131, 1, str. 305-308, COBISS.SI-ID: 3299953.

Kralj Slavko, Rojnik Matija, Romih Rok, Jagodič Marko, Kos Janko, Makovec Darko: Effect of surface charge on the cellular uptake of fluorescent magnetic nanoparticles.- *J. Nanopart. Res.*, 2012, 14, 10, str. 1151-1-1151-14, COBISS.SI-ID: 26072615.

Kreft Samo: Izbrana zdravila naravnega izvora za zdravljenje bolezni ORL = Selected herbal medicinal products in otolaryngology.- *Farm. Vestn.*, 2012, 63, 2, str. 109-111, COBISS.SI-ID: 3244145.

Lunder Mojca, Drevenšek Gorazd, Hawlina Simon, Sepčić Kristina, Žiberna Lovro: Cardiovascular effects induced by polymeric 3-alkylpyridinium salts from the marine sponge Reniera sarai.- *Toxicon (Oxford)*, 2012, 60, 6, str. 1041-1048, COBISS.SI-ID: 2612559.

Magister Špela, Obermajer Nataša, Mirković Bojana, Švajger Urban, Renko Miha, Softić Adaleta, Romih Rok, Colbert Jeff D., Watts Colin, Kos Janko: Regulation of cathepsins S and L by cystatin F during maturation of dendritic cells.- *Eur. J. Cell Biol.*, 2012, 91, 5, str. 391-401, COBISS.SI-ID: 3207025.

Obermajer Nataša, Kalinski Paweł: Key role of the positive feedback between PGE2 and COX2 in the biology of myeloid-derived suppressor cells. - *Oncimmunology*, 2012, 1, 5, str. 762-764, COBISS.SI-ID: 3289969.

Obermajer Nataša, Wong Jeffrey L., Edwards Robert P., Odunsi Kunle, Moysich Kirsten, Kalinski Paweł: PGE(2)-driven induction and maintenance of cancer-associated myeloid-derived suppressor cells.- *Immunol. Invest.*, 2012, 41, 6-7, str. 635-657, COBISS.SI-ID: 3316337.

Paškulin Roman, Jamnik Polona, Danevčič Tjaša, Koželj Gordana, Krašovec Rok, Krstić-Milošević Dijana, Blagojević Duško, Štrukelj, Borut: Metabolic plasticity and the energy economizing effect of ibogaine, the principal alkaloid of *Tabernanthe iboga*.- *J. Ethnopharmacol.*, 2012, 143, 1, str. 319-324, COBISS.SI-ID: 4106104.

Perše Martina, Injac Rade, Štrukelj Borut, Cerar Anton: High fat mixed lipid diet modifies protective effects of exercise on 1,2 dimethylhydrazine induced colon cancer in rats. - *Technology in cancer research and treatment*, 2012, 11, 3, str. 289-299, COBISS.SI-ID: 29671641.

Petek Marko, Turnšek Neža, Buh Gašparič Meti, Pompe Novak Maruša, Gruden Kristina, Slapar Nina, Popovič Tatjana, Štrukelj Borut, Jongsma Maarten Anthonie: A complex of genes involved in adaptation of *Leptinotarsa decemlineata* larvae to induced potato defense.- *Arch. Insect Biochem. Physiol.*, 2012, 79, 3, str. 153-181, COBISS.SI-ID: 3232369.

Pohleven Jure, Renko Miha, Magister Špela, Smith David F., Kuenzler Markus, Štrukelj Borut, Turk Dušan, Kos Janko, Sabotič Jerica: Bivalent carbohydrate binding is required for biological activity of CNL, the LacdiNAc (GalNAc[β]1-4GlcNAc) – specific lectin from basidiomycete *Clitocybe nebularis*.- *J. Biol. Chem.*, 2012, 287, 13, str. 10602-10612, COBISS.SI-ID: 25580583.

Pravst Igor, Blaznik Urška, Krbavčič Aleš, Kreft Samo, Kušar Anita, Mičović Elizabeta, Razinger-Mihovec Barbara, Recek Marjeta, Repe Jona, Rogelj Irena, Stibilj Vekoslava: Priporočila za zagotavljanje kakovosti prehranskih dopolnil = Recommendations for the quality assurance of food supplements.- *Farm. Vestn.*, 2012, 63, 4, str. 216-224, COBISS.SI-ID: 3312753.

Radić Nataša, Štrukelj Borut: Endophytic fungi - the treasure chest of antibacterial substances.- *Phytomedicine (Stuttg.)*, 2012, 19, 4, str. 1270-1284, COBISS.SI-ID: 3343729.

Rojnik Matija, Jevnikar Zala, Doljak Bojan, Turk Samo, Zidar Nace, Kos Janko: The influence of differential processing of procathepsin H on its aminopeptidase activity, secretion and subcellular localization in human cell lines.- *Eur. J. Cell Biol.*, 2012, 91, 10, str. 757-764, COBISS.SI-ID: 3269745.

Rojnik Matija, Kocbek Petra, Moret Francesca, Compagnin Chiara, Celotti Lucia, Bovis Melissa, Woodhams Josephine, Macrober, Alexander J., Scheglmann Dietrich, Helfrich Wijnand, Verkaik Marco, Papini Emanuele, Reddi Elena, Kos Janko: In vitro and in vivo characterization of temoporfin-loaded PEGlytated PLGA nanoparticles for use in photodynamic therapy.- *Nanomedicine*, 2012, 7, 5, str. 663-677, COBISS.SI-ID: 3250545.

Sabotič Jerica, Bleuler-Martinez Silvia, Renko Miha, Avanzo Caglič Petra, Kallert Sandra, Štrukelj Borut, Turk Dušan, Aebi Markus, Kos Janko, Künzler Markus: Structural basis of trypsin inhibition and entomotoxicity of cospin, a serine protease inhibitor involved in defence of *Coprinopsis cinerea* fruiting bodies.- *J. Biol. Chem.*, 2012, 287, 6, str. 3898-3907, COBISS.SI-ID: 25428775.

Sabotič Jerica, Bleuler-Martinez Silvia, Renko Miha, Avanzo Caglič Petra, Kaller, Sandra, Štrukelj Borut, Turk Dušan, Aebi Markus, Kos Janko, Künzler Markus: Structural basis of trypsin inhibition and entomotoxicity of cospin, a serine protease inhibitor involved in defence of *Coprinopsis cinerea* fruiting bodies.- *J. Biol. Chem.*, 2012, 287, 6, str. 3898-3907, COBISS.SI-ID: 25428775.

Štrukelj Borut: Sodobna cepiva proti vnetju srednjega ušesa = Novel vaccines against otitis media.- *Farm. Vestn.*, 2012, 63, 2, str. 112-115, COBISS.SI-ID: 3244401.

Tavčar Eva, Barbič Matej, Heilmann Jörg, Kreft Samo: High levels of cycloartenol derivatives from *Euphorbia acanthothamnos*.- *Biochem. Syst. Ecol.*, 2012, 44, str. 83-85, COBISS.SI-ID: 3256433.

Tavčar Eva, Turk Erika, Kreft Samo: Simple modification of Karl-Fischer titration method for determination of water content in colored samples.- *J. of Analytical Methods in Chemistry*, 2012, art. no. 379724, str. 379724-1-379724-6, COBISS.SI-ID: 3257201.

Vižin Tjaša, Christensen Ib Jarle, Nielsen Hans Jørgen, Kos Janko: Cathepsin X in serum from patients with colorectal cancer: relation to prognosis. - *Radiol. Oncol.*, 2012, 46, 3, str. 207-212, COBISS.SI-ID: 3297393.

Vodnik Miha, Štrukelj Borut, Lunder Mojca: HWGMWSY, an unanticipated polystyrene binding peptide from random phage display libraries.- *Anal. Biochem.*, 2012, 424, 2, str. 83-86, COBISS.SI-ID: 3231345.

Katedra za farmacevtsko kemijo

Anderluh Marko, Jug Gregor, Švajger Urban, Obermajer Nataša: DC-SIGN antagonists, a potential new class of anti-infectives.- *Curr. Med. Chem.*, 2012, 19, 7, 992-1007, COBISS.SI-ID: 3194737.

Anderluh Marko: Izbrane učinkovine kemijoškega izvora v terapiji vnetij nosu, obnosnih votlin, ušesa in grla = Selected synthetic drugs for the treatment of rhinitis, sinusitis, ear and throat inflammation.- *Farm. Vestn.*, 2012, 63, 2, str. 100-108, COBISS.SI-ID: 3243889.

Barreteau Hélène, Sosič Izidor, Turk Samo, Humljan Jan, Tomašić Tihamir, Zidar Nace, Hervé Mireille, Boniface Audrey, Peterlin-Mašič Lucija, Kikelj Danijel, Mengin-Lecreux Dominique, Gobec Stanislav, Blanot Didier: MurD enzymes from different bacteria: evaluation of inhibitors.- *Biochem. Pharmacol.*, 2012, 85, 5, str. 625-632, COBISS.SI-ID: 3274609.

Beranič Nataša, Brožič Petra, Brus Boris, Sosič Izidor, Gobec Stanislav, Lanišnik-Rižner Tea: Expression of human aldo-keto reductase 1C2 in cell lines of peritoneal endometriosis: potential implications in metabolism of progesterone and dydrogesterone and inhibition by progestins.- *J. Steroid Biochem. Mol. Biol.*, 2012, 130, 1-2, str. 16-25, COBISS.SI-ID: 3193713.

Beranič Nataša, Lanišnik-Rižner Tea, Gobec Stanislav: Pregled pomembnejših inhibitorjev 5[alfa]-reduktaz tipa 1 in 2 = An overview of important 5[alpha]-reductase type 1 and 2 inhibitors.- *Farm. Vestn.*, 2012, 63, str. 168-177, COBISS.SI-ID: 29980889.

Beranič Nataša, Lanišnik-Rižner Tea, Gobec Stanislav: Pregled pomembnejših inhibitorjev 5[alfa]-reduktaz tipa 1 in 2 = An overview of important 5[alpha]-reductase type 1 and 2 inhibitors.- *Farm. Vestn.*, 2012, 63, 3, str. 168-177, COBISS.SI-ID: 3290993.

Berne Sabina, Podobnik Barbara, Zupanec Neja, Novak Metka, Kraševc Nada, Turk Samo, Korošec Branka, Lah Ljerka, Šuligoj Erika, Stojan Jure, Gobec Stanislav, Komel Radovan: Virtual screening yields inhibitors of novel antifungal drug target, benzoate 4-monooxygenase.- *J. Chem. Inf. Mod.*, 2012, 52, 11, str. 3053-3063, COBISS.SI-ID: 30257369.

Brela Mateusz Zbigniew, Stare Jernej, Pirc Gordana, Sollner Dolenc Marija, Boczar Marek Wojcik, Marek Janusz, Mavri Janez: Car-parrinello simulation of the vibrational spectrum of a

medium strong hydrogen bond by two-dimensional quantization of the nuclear motion: application to 2-hydroxy-5-nitrobenzamide.- *J. Phys. Chem., B Mater. Surf. Interfaces Biophys.*, 2012, 116, 15, str. 4510-4518, COBISS.SI-ID: 3225201.

Brožič Petra, Turk Samo, Adeniji Adegoke O., Konc Janez, Janežič Dušanka, Penning Trevor M., Lanišnik-Rižner Tea, Gobec Stanislav: Selective inhibitors of aldo-keto reductases AKR1C1 and AKR1C3 discovered by virtual screening of a fragment library.- *J. Med. Chem.*, 2012, 55, 17, str. 7417-7424, COBISS.SI-ID: 30078937.

Cateni Francesca, Zucchigna, Marina, Doljak, Bojan, Anderluh, Marko, Procida, Giuseppe, Piltaver Andrej. Bioactive lipids metabolites in Amanita virosa.- *Natural Product Communications*, 2012, 7, 11, str. 1495-1498, COBISS.SI-ID: 3346289.

Gobec Martina, Obreza Aleš, Prijatelj Matevž, Brus Boris, Gobec Stanislav, Mlinarič-Raščan Irena: Selective cytotoxicity of amidinopiperidine based compounds towards burkitt's lymphoma cells involves proteasome inhibition.- *PloS one*, 2012, 7, 7, art. no. e41961, COBISS.SI-ID: 3286129.

Gobec Martina, Obreza Aleš, Prijatelj Matevž, Brus Boris, Gobec Stanislav, Mlinarič-Raščan Irena: Selective cytotoxicity of amidinopiperidine based compounds towards burkitt's lymphoma cells involves proteasome inhibition.- *PloS one*, 2012, 7, 7, art. no. e41961, COBISS.SI-ID: 3286129.

Hrast Martina, Vehar Blaž, Turk Samo, Konc Janez, Gobec Stanislav, Janežič Dušanka: Function of the D-Alanine: D-Alanine ligase lid loop: a molecular modeling and bioactivity study.- *J. Med. Chem.*, 2012, 55, 15, str. 6849-6856, COBISS.SI-ID: 5024538.

Ilić Miloš, Ilaš Janez, Dunkel Petra, Mátyus Péter, Boháč Andrej, Liekens Sandra, Kikelj Danijel: Novel 1,4-benzoxazine and 1, 4-benzodioxine inhibitors of angiogenesis.- *Eur. J. Med. Chem.*, 2012, vol. 58, str. 160-170, COBISS.SI-ID: 3331441.

Ilić Miloš, Kikelj Danijel, Ilaš Janez: Fluorinated dual antithrombotic compounds based on 1,4-benzoxazine scaffold.- *Eur. J. Med. Chem.*, 2012, 50, april, str. 255-263, COBISS.SI-ID: 3221873.

Jakopin Žiga, Gobec Martina, Mlinarič-Raščan Irena, Sollner Dolenc Marija: Immunomodulatory properties of novel nucleotide oligomerization domain 2 (Nod2) agonistic desmурамидипептиди.- *J. Med. Chem.*, 2012, 55, 14, str. 6478-6488, COBISS.SI-ID: 3274353.

Jevnikar Zala, Mirković Bojana, Pečar Fonović Urša, Zidar Nace, Švajger Urban, Kos Janko: Three-dimensional invasion of macrophages is mediated by cysteine cathepsins in protrusive podosomes.- *Eur. J. Immunol.*, 2012, 42, 12, str. 3429-3441, COBISS.SI-ID: 3319921.

Kolšek Katra, Mavri Janez, Sollner Dolenc Marija: Reactivity of bisphenol A-3,4-quinone with NA. A quantum chemical study.- *Toxicol. in Vitro*, 2012, 26, 1, str. 102-106, COBISS.SI-ID: 3160945.

Košak Urban, Kovač Andreja, Gobec Stanislav: One-pot synthesis of β -keto esters and preparation of 3-ketopalmitoyl-CoA.- *Synlett*, 2012, 23, 11, str. 1609-1612, COBISS.SI-ID: 3271025.

Košak Urban, Obreza Aleš: Nikelj kot pomemben element v sledovih? = Nickel as important trace element?- *Farm. Vestn.*, 2012, 63, 5/6, str. 297-304, COBISS.SI-ID: 3372913.

Mravljak Janez, Obreza Aleš: The efficient synthesis of amphiphilicoximes of galactose and glucosamine.- *Tetrahedron Lett.*, 2012, 53, 17, str. 2234-2235, COBISS.SI-ID: 3219825.

Obreza Aleš, Perdih Franc: Crystal structures of 4-(oxiran-2-ylmethoxy) benzoic acid and 4-acetoxybenzoic acid.- *J. Struct. Chem.*, 2012, 53, 4, str. 793-799, COBISS.SI-ID: 3319153.

Podlipc Rok, Koklič Tilen, Štrancar Janez, Mravljak Janez, Šentjurc Marjeta: Influence of cancerostatic perifosine on membrane fluidity of liposomes and different cell lines as measured by electron paramagnetic resonance.- *Croat. Med. J.*, 2012, 53, 6, str. 570-579, COBISS.SI-ID: 3377265.

Rojnik Matija, Jevnikar Zala, Doljak Bojan, Turk Samo, Zidar Nace, Kos Janko: The influence of differential processing of procathepsin H on its aminopeptidase activity, secretion and subcellular localization in human cell lines.- *Eur. J. Cell biol.*, 2012, 91, 10, str. 757-764, COBISS.SI-ID: 3269745.

Schmidt Jan, Peterlin-Mašič Lucija: Organic synthetic environmental endocrine disruptors: structural classes and metabolic fate.- *Acta Chim. Slov.*, 2012, 4, 59, str. 722-738, COBISS.SI-ID: 3368561.

Simčič Mihael, Sosič Izidor, Hodošček Milan, Barreteau Hélène, Blanot Didier, Gobec Stanislav, Golič Grdadolnik Simona: The binding mode of second-generation sulfonamide inhibitors of MurD: clues for rational design of potent MurD inhibitors.- *PloS one*, 2012, 7, 12, str. 1-15, e52817, COBISS.SI-ID: 5145882.

Sinreich Maša, Sosič Izidor, Beranič Nataša, Turk Samo, Adeniji Adegoke O., Penning Trevor M., Lanišnik-Rižner Tea, Gobec Stanislav: N-Benzoyl anthranilic acid derivatives as selective inhibitors of aldo/keto reductase AKR1C3.- *Bioorg. Med. Chem. Lett.*, 2012, 22, 18, str. 5948-5951, COBISS.SI-ID: 30074841.

Sosič Izidor, Turk Samo, Sinreich Maša, Trošt Nuša, Verlaine Olivier, Amoroso Ana, Zervosen Astrid, Luxen André, Joris Bernard, Gobec Stanislav: Exploration of the chemical space of novel naphthalene-sulfonyl amide and anthranilic acid-based inhibitors of penicillin-binding proteins.- *Acta Chim. Slov.*, 2012, 59, 2, str. 380-388, COBISS.SI-ID: 3272049.

Sova Matej: Antioxidant and antimicrobial activities of cinnamic acid derivatives.- *Mini Rev. Med. Chem.*, 2012, 12, 8, str. 749-767, COBISS.SI-ID: 3299185.

Sova Matej: Biološki učinki derivatov cimetne kisline = Biological effects of cinnamic acid derivatives.- *Farm. Vestn.*, 2012, 63, 3, str. 178-184, COBISS.SI-ID: 3291249.

Sova Matej: Rožmarinska kislina = Rosmarinic acid.- *Farm. Vestn.*, 2012, 63, 5-6, str. 312-316, COBISS.SI-ID: 3373169.

Škedelj, Veronika, Arsovská, Emilia, Tomašić, Tihomir, Kroflič, Ana, Hodnik, Vesna, Hrast, Martina, Bešter-Rogač, Marija, Anderluh, Gregor, Gobec, Stanislav, Bostock, Julieanne M., Chopra, Ian, O'Neill, Alex, Randall, Christopher, Zega Anamarija: 6-arylpyrido[2,3-d]pyrimidines as novel ATP-competitive inhibitors of bacterial D-alanine: D-alanine ligase.- *PloS one*, 2012, 7, 8, str. e39922-1-e39922-14, COBISS.SI-ID: 3286897.

Štefane Bogdan, Požgan Franc, Sosič Izidor, Gobec Stanislav: A microwave-assisted nucleophilic substitution reaction on a quinoline system: the synthesis of amino analogues of nitroxoline.- *Tetrahedron Lett.*, 2012, 53, 15, str. 1964-1967, COBISS.SI-ID: 3200625.

Tomašić Tihomir, Kovač Andreja, Klebe Gerhard, Blanot Didier, Gobec Stanislav, Kikelj Danijel, Peterlin-Mašič Lucija: Virtual screening for potential inhibitors of bacterial MurC and MurD ligases.- *J. Mol. Model.*, 2012, 18, 3, str. 1063-1072, COBISS.SI-ID: 3026289.

Tomašić Tihomir, Peterlin-Mašič Lucija: Rhodanine as a scaffold in drug discovery: a critical review of its biological activities and mechanisms of target modulation.- *Expert Opinion On Drug Discovery*, 2012, 7, 7, str. 549-560, COBISS.SI-ID: 3238001.

Tomašić Tihomir, Šink Roman, Zidar Nace, Fic Anja, Contreras-Martel Carlos, Dessen Andréa, Patin Delphine, Blanot Didier, Müller-Premru Manica, Gobec Stanislav, Zega Anamarija, Kikelj Danijel, Peterlin-Mašič Lucija: Dual inhibitor of MurD and MurE ligases from Escherichia coli and Staphylococcus aureus.- *ACS Medicinal Chemistry Letters*, 2012, 3, 8, str. 626-630, COBISS.SI-ID: 3274865.

Trdan Lušin Tina, Tomašić Tihomir, Trontelj Jurij, Mrhar Aleš, Peterlin-Mašič Lucija: In vitro bioactivation of bazedoxifene and 2-(4-hydroxyphenyl)-3-methyl-1Hindol- 5-ol in human liver microsomes.- *Chem.-Biol. Interact.*, 2012, 197, str. 8-15, COBISS.SI-ID: 3213425. Trstenjak Uroš, Ilaš Janez, Kikelj Danijel: Advances in the synthesis of morpholin-3-ones and morpholin-2-ones.- *Synthesis (Stuttg.)*, 2012, 44, 23, str. 3551-3578, COBISS.SI-ID: 3355505.

Vehovec Tanja, Gartner Andrej, Planinšek Odon, Obreza Aleš: Influence of different types of commercially available microcrystalline cellulose on degradation of perindopril erbumine and enalapril maleate in binary mixtures.- *Acta Pharm.*, 2012, 62, 4, str. 515-528, COBISS.SI-ID: 3367793.

Artenjak Andrej, Lakota Katja, Frank Mojca, Čučnik Saša, Rozman Blaž, Božič Borut, Shoenfeld Yehuda, Sodin-Šemrl Snežna: Antiphospholipid antibodies as non-traditional risk factors in atherosclerosisbased cardiovascular diseases without overt autoimmunity.- A critical updated review.- *Autoimmun Rev*, 2012, 11, 12, str. 873-882, COBISS.SI-ID: 30181593.

Auersperger Irena, Doupona Topič Mojca, Maver Petra, Pušnik Vika, Osredkar Joško, Lainščak Mitja: Doping awareness, views, and experience: a comparison between general practitioners and pharmacists = Gewahrsein, Ansichten und Erfahrung mit Doping: ein Vergleich zwischen Allgemein Praktikern und Apothekern.- *Wien. Klin. Wochenschr.*, 2012, 124, 1-2, str. 32-38, COBISS.SI-ID: 3149681.

Čučnik Saša, Kveder Tanja, Artenjak Andrej, Avčin Tadej, Rozman Blaž, Božič Borut: Avidity of anti-β2-glycoprotein I antibodies in patients with antiphospholipid syndrome.- *Lupus*, 2012, 21, 7, str. 764-765, COBISS.SI-ID: 30171097.

Dujić Tanja, Bego T., Mlinar Barbara, Semiz Sabina, Malenica M., Prnjavorac Besim, Ostanek Barbara, Marc Janja, Čaušević A: Association between 11β-hydroxysteroid dehydrogenase type 1 gene polymorphisms and metabolic syndrome in Bosnian population.- *Biochem. Med.*, 2012, 22, 1, str. 76-85, COBISS.SI-ID: 3200113.

Estrada Karol, Marc Janja, Preželj Janez, Mencej Bedrač Simona: Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture.- *Nat Genet*, 2012, 44, 5, str. 491-501, COBISS.SI-ID: 3233137.

Falnoga Ingrid, Zelenik Andreja, Šlejkovec Zdenka, Tušek-Žnidarič Magda, Zajc Irena, Jurković Mlakar Simona, Marc Janja: Arsenic trioxide (ATO) influences the gene expression of metallothioneins in human glioblastoma cells.- *Biol. Trace Elem. Res.*, 2012, 149, str. 331-339, COBISS.SI-ID: 3238513.

Ferlež Mitja, Osredkar Joško: Biološki potni list v boju proti dopingu = Biological passport in the fight against doping.- *Zdrav Vestn.*, 2012, 81, 10, str. 717-725, COBISS.SI-ID: 30239705.

Gobec Martina, Obreza Aleš, Prijatelj Matevž, Brus Boris, Gobec Stanislav, Mlinarič-Raščan Irena: Selective cytotoxicity of amidinopiperidine based compounds towards burkitt's lymphoma cells involves proteasome inhibition.- *PloS one*, 2012, 7, 7, art. no. e41961, COBISS.SI-ID: 3286129.

Gradišek Primož, Osredkar Joško, Koršič Marjan, Kremžar Boriana: Multiple indicators model of long-term mortality in traumatic brain injury.- *Brain Inj.*, 2012, 26, 12, str. 1472-1481, COBISS.SI-ID: 30309593.

Gruden Kristina, Hren Matjaž, Herman Ana, Blejec Andrej, Albrecht Tanja, Selbig Joachim, Bauer Chris, Schuchardt Jochannes, Or-Guil Michal, Zupančič Klemen, Švajger Urban, Štabuc Borut, Ihan Alojz, Kopitar Andreja Nataša Ravnikar, Maja, Knežević Miomir, Rožman Primož, Jeras Matjaž: A "crossomics" study analysing variability of different components in peripheral blood of health caucasoid individuals.- *PloS one*, 2012, 7, 1, str. e28761, COBISS.SI-ID: 3192689.

Hrubá Františka, Horvat Milena, Kos Andreja, Krsnik Mladen, Mazej Darja, Osredkar Joško, Hladnik Tratnik Jana: Blood cadmium, mercury, and lead in children: an international comparison of cities in six European countries, and China, Ecuador, and Morocco.- *Environ. Int.*, 2012, 41, 1, str. 29-34, COBISS.SI-ID: 25537575.

Jakopin Žiga, Gobec Martina, Mlinarič-Raščan Irena, Sollner Dolenc Marija: Immunomodulatory properties of novel nucleotide oligomerization domain 2 (Nod2) agonistic desmurrymyldipeptides.- *J. Med. Chem.*, 2012, 55, 14, str. 6478-6488, COBISS.SI-ID: 3274353.

Jurković Mlakar Simona, Preželj Janez, Marc Janja: Testing GSTP1 genotypes and haplotypes interactions in Slovenian post-/pre-menopausal women: Novel involvement of glutathione S-transferases in bone remodeling process.- *Maturitas.*, 2012, 71, 2, str. 180-187, COBISS.SI-ID: 3185521.

Jurković Mlakar Simona, Preželj Janez, Osredkar Joško, Marc Janja: BMD values and GSTM3 gene polymorphisms in combination with GSTT1/GSTM1 genes: a genetic association study in Slovenian elderly.- *Gerontology (Basel)*, 2012, 58, 3, str. 238-248, COBISS.SI-ID: 3198833.

Liu Ching-Ti, Estrada Karol, Yerges-Armstrong, L., Amin Najaf, Evangelou Evangelous, Li Guo, Mencej Bedrač Simona, Marc Janja: Assessment of gene-by-sex interaction effect on bone mineral density.- *J. Bone Miner. Res.*, 2012, 27, 10, str. 2051-2064, COBISS.SI-ID: 3286641.

Mencej Bedrač Simona, Ostanek Barbara, Mlakar Vid, Zupan Janja, Kocjan Tomaž, Preželj Janez, Marc Janja: Sodobni pogled na nastanek osteoporoze = Up-to-date insight on the development of osteoporosis.- *Farm. Vestn.*, 2012, 63, 5/6, str. 269-278, COBISS.SI-ID: 3372401.

Mencej Bedrač Simona, Zupan Janja, Kocjan Tomaž, Mlakar Vid, Preželj Janez, Marc Janja, Ostanek Barbara: Zdravljenje osteoporoze danes in jutri = Treatment of osteoporosis now and in the future.- *Farm. Vestn.*, 2012, 63, 5/6, str. 279-289, COBISS.SI-ID: 3372657.

Milek Miha, Šmid Alenka, Tamm Riin, Karas Kuželički Nataša, Metspalu Andres, Mlinarič-Raščan Irena: Post-translational stabilization of thiopurine S-methyltransferase by S-adenosyl-L-methionine reveals regulation of TPMT*1 and *3C allozymes.- *Biochem. Pharmacol.*, 2012, 83, 7, str. 969-976, COBISS.SI-ID: 3210097.

Osredkar Joško, Monika Nikolić: Pomen izračuna fibroznegga indeksa pri različnih jetrnih obolenjih = Importance of calculation of fibrosis index in different liver diseases.- *Gastroenterolog*, 2012, 16, 1, str. 22-33, COBISS.SI-ID: 265188864.

Osredkar Joško: Oksidativni stres = Oxidative stress.- *Zdrav. Vestn.*, 2012, 81, 5, str. 393-406, COBISS.SI-ID: 3255153.

Prijatelj Matevž, Čelhar Kenanova Teja, Gobec Martina, Mlinarič-Raščan Irena: EP4 receptor signalling in immature B cells involves cAMP and NF-κB dependent pathways.- *J. Pharm. Pharmacol.*, 2012, 64, 8, str. 1090-1098, COBISS.SI-ID: 3274097.

Rejc Barbara, Osredkar Joško, Geršak Ksenija: Oksidacijski stres in nosečnost = Oxidative stress and pregnancy.- *Farm. Vestn.*, 2012, 63, 3, str. 153-161, COBISS.SI-ID: 3290481.

Rejc Barbara, Osredkar Joško, Geršak Ksenija: Oksidacijski stres in nosečnost = Oxidative stress and pregnancy.- *Farm. Vestn.*, 2012, 63, 3, str. 153-161, COBISS.SI-ID: 304812.

Schmidt Jan, Šmid Alenka, Mlinarič-Raščan Irena: Spremljanje neželenih učinkov zdravil = Monitoring of adverse drug reactions.- *Farm. Vestn.*, 2012, 63, 3, str. 162-167, COBISS.SI-ID: 3290737. Šantl-Letonja Marija, Nikolajević-Starčević Jovana, Batista Daniela, Cristina Branco, Osredkar Joško, Petrovič Danijel: Association of the C242T polymorphism in the NADPH oxidase p22 phox gene with carotid atherosclerosis in Slovenian patients with type 2 diabetes.- *Mol. Biol. Rep.*, 2012, 39, 12, str. 10121-10130, COBISS.SI-ID: 3346545.

Švajger Urban, Jeras Matjaž: Anti-inflammatory effects of resveratrol and its potential use in therapy of immune-mediated diseases.- *Int. Rev. Immunol.*, 2012, 31, 3, str. 202-222, COBISS.SI-ID: 3247729.

Todorović Vesna, Serša Gregor, Mlakar Vid, Glavač Damjan, Čemažar Maja: Assessment of the tumourigenic and metastatic properties of SK-MEL28 melanoma cells surviving electrochemotherapy with bleomycin.- *Radiol. Oncol. (Ljubl.)*, 2012, 46, 1, str. 32-45, III, COBISS.SI-ID: 3203441.

Trdan Lušin Tina, Mrhar Aleš, Stieger Bruno, Kullak-Ublick Gerd A., Marc Janja, Ostanek Barbara, Zavratnik Andrej, Kristl Albin, Berginc Katja, Delić Katja, Trontelj Jurij: Influence of hepatic and intestinal efflux transporters and their genetic variants on the pharmacokinetics and pharmacodynamics of raloxifene in osteoporosis treatment.- *Translational Research*, 2012, 160, 4, str. 298-308, COBISS.SI-ID: 3226481.

Trdan Lušin Tina, Stieger Bruno, Marc Janja, Mrhar Aleš, Trontelj Jurij, Zavratnik Andrej, Ostanek Barbara: Organic anion transporting polypeptides OATP1B1 and OATP1B3 and their genetic variants influence the pharmacokinetics and pharmacodynamics of raloxifene.- *J. Transl. Med. (Online)*, 2012, 10:76, 24 str., COBISS.SI-ID: 3236977.

Vardjan, Nina, Gabrijel, Mateja, Potokar, Maja, Švajger, Urban, Kreft, Marko, Jeras, Matjaž, De Pablo, Yolanda, Faiz, Maryam, Pekny, Milos, Zorec, Robert. IFN-gamma-induced increase in the mobility of MHC class II compartments in astrocytes depends on intermediate filaments.- *J. Neuroinflamm.*, 2012, 9, art. no. 144, 13 str., COBISS.SI-ID: 3272561.

Vouk Katja, Hevir Neli, Ribič-Pucelj Martina, Haarpainter G., Scherb Hagen, Osredkar Joško, Möller Gabriele, Prehn Cornelia, Lanišnik-Rižner Tea, Adamski Jerzy: Discovery of phosphatidylcholines and sphingomyelins as biomarkers for ovarian endometriosis.- *Hum. Reprod.*, 2012, 27, 10, str. 2955-2965, COBISS.SI-ID: 30025945.

Zupan Janja, Komadina Radko, Marc Janja: The relationship between osteoclastogenic and anti-osteoclastogenic pro-inflammatory cytokines differs in human osteoporotic and osteoarthritic bone tissues.- *J. Biomed. Sci. (Basel, Online)*, 2012, 19, 1, str. 1-10, COBISS.SI-ID: 3207537.

Zupan Janja, Pristovšek Nuša, Mencej Bedrač Simona, Komadina Radko, Preželj Janez, Marc Janja: Interleukin-1 α gene variants influence bone mineral density and the risk of osteoporotic hip fractures in elderly Slovenian people.- *Clin. Chem. Lab. Med.*, 2012, 50, 8, str. 1379-1385, COBISS.SI-ID: 3207793.

Žigon Polona, Čučnik Saša, Ambrožič Aleš, Sodin-Šemrl Snežna, Kveder Tanja, Božič Borut: Antibodies to phosphatidylserine/prothrombin complex as an additional diagnostic marker of APS?.- *Lupus*, 2012, 21, 7, str. 790-792, COBISS.SI-ID: 30298585.

Katedra za socialno farmacijo

Horvat Nejc, Koder Marko, Kos Mitja: Using the simulated patient methodology to assess paracetamol-related counselling for headache.- *PloS one*, 2012, 7, 12, str. 1-9, e52510, COBISS.SI-ID: 3368817.

Janžič Andrej, Locatelli Igor, Devetak Andreja, Kos Mitja: Parametri vključevanja konjugiranih pnevmokoknih cepiv v slovenski zdravstveni sistem = Uptake parameters of pneumococcal conjugate vaccines into the Slovenian healthcare system.- *Farm. Vestn.*, 2012, 63, 2, str. 116-121, COBISS.SI-ID: 3244657

Janžič Andrej, Locatelli Igor, Devetak Andreja, Kos Mitja: Parametri vključevanja konjugiranih pnevmokoknih cepiv v slovenski zdravstveni sistem = Uptake parameters of pneumococcal conjugate vaccines into the Slovenian healthcare system.- *Farm. Vestn.*, 2012, 63, 2, str. 116-121, COBISS.SI-ID: 3244657.

Kos Mitja, Bečan Darja: Sistematični pregled raziskav vrednotenja koristi klinične farmacije in farmacevtske skrbi = Systematic review of studies evaluating benefits of clinical pharmacy and pharmaceutical care services.- *Farm. Vestn.*, 2012, 63, št. 4, str. 225-231, COBISS.SI-ID 3313009.

Lakić Dragana, Petrova Guenka, Bogavac-Stanojević Nataša, Jelić-Ivanović Zorana, Kos Mitja: The cost-effectiveness of hypertension pharmacotherapy in Serbia: a Markov model. - *Biotechnol. Biotechnol. Equip.*, 2012, 26, 3, str. 3066-3072, COBISS.SI-ID: 3302001.

Lakić Dragana, Tasić Ljiljana, Kos Mitja, Petrova Guenka, Stoimenova Assena, Krajnović Dušanka: Pharmacy network and access to medicines in selected eastern European countries: comparative analysis.- *Croat. Med. J.*, 2012, 53, 1, str. 53-59, COBISS.SI-ID: 3212401.

Passerini N., Perissutti, Beatrice, Albertini B., Franceschinis Erica, Lenaz Davide, Hasa Dritan, Locatelli Igor, Voinovich Dario: A new approach to enhance oral bioavailability of Silybum Marianum dry extract: association of mechanochemical activation and spray congealing.- *Phytomedicine*, 2012, 19, 2, str. 160-168, COBISS.SI-ID: 3093361.

Štefanič Marko, Locatelli Igor, Vrečer Franc, Sever Tanja, Mrhar Aleš, Bogataj Marija: The influence of gastric emptying kinetics on the drug release from enteric coated pellets in fasted state: An in vitro/in vivo correlation.- *Eur. J. Pharm. Biopharm.*, 2012, 82, 2, str. 376-382, COBISS.SI-ID: 3286385.

Katedra za farmacevtsko tehnologijo

Devjak Novak Sabina, Šporar Elena, Baumgartner Saša, Vrečer Franc: Characterization of physicochemical properties of hydroxypropyl methylcellulose (HPMC) type 2208 and their influence

on prolonged drug release from matrix tablets.- *J. Pharm. Biomed. Anal.*. 2012, july, str. 136-143, COBISS.SI-ID: 3232625

Dreu Rok, Luštrik Matevž, Perpar Matjaž, Žun Iztok, Srčič Stanko: Fluid-bed coater modifications and study of their influence on the coating process of pellets.- *Drug Dev. Ind. Pharm.*, 2012, 38, 4, str. 501-511, COBISS.SI-ID: 3105137.

Gosenca Mirjam, Gašperlin Mirjana, Kristl Julijana: Iritativni kontaktni dermatitis: od mehanizmov do vrednotenja iritantov = Irritative contact dermatitis: from mechanisms of irritation to irritants assessment.- *Farm. Vestn.*, 2012, 63, 3, str. 145-152, COBISS.SI-ID: 3290225.

Gosenca Mirjam, Gašperlin Mirjana: Effect of colloidal carriers on ascorbyl palmitate dermal delivery.- *La Gazette de l'A.P.G.I.*, 2012, 28, 1, str. 21-24, COBISS.SI-ID: 3368305.

Govedarica Biljana, Ilić Ilija, Šibanc, Rok, Dreu, Rok, Srčič, Stanko. The use of single particle mechanical properties for predicting the compressibility of pharmaceutical materials.- *Powder Technol.*, 2012, 225, July, str. 43-51, COBISS.SI-ID: 3236721.

Govedarica Biljana, Sovány Tamás, Pintyé-Hodi Klára, Škarabot Miha, Baumgartner Saša, Muševič Igor, Srčič Stanko: Addressing potent single molecule AFM study in prediction of swelling 4 and dissolution rate in polymer matrix tablets.- *Eur. J. Pharm. Biopharm.*, 2012, 80, 1, str. 217-225, COBISS.SI-ID: 3101809.

Klančar Uroš, Horvat Matej, Baumgartner Saša: Correlating cellulose derivative intrinsic viscosity with mechanical susceptibility of swollen hydrophilic matrix tablets.- *AAPS PharmSciTech*, 2012, 13, 3, str. 903-910, COBISS.SI-ID: 1502300

Kocbek Petra: Novosti na področju farmacevtske nanotehnologije = Novelties in the field of pharmaceutical nanotechnology.- *Farm. Vestn.*, 2012, 63, 2, str. 75-81, COBISS.SI-ID: 3243633.

Kovačič Borut, Vrečer Franc, Planinšek Odon: Spherical crystallization of drugs.- *Acta Pharm.*, 2012, 62, 1, str. 1-14, COBISS.SI-ID: 3226737.

Kristl Julijana: Vpliv nanotehnologije na razvoj zdravil = Implication of nanotechnology on development of medicines.- *Farm. Vestn.*, 2012, 63, 2, str. 67-73, COBISS.SI-ID: 3243377.

Kukec Simon, Dreu Rok, Vrbanec Tomislav, Srčič Stanko, Vrečer Franc: Characterization of agglomerated carvedilol by hot-melt processes in a fluid bed and high shear granulator.- *Int. J. Pharm.*, 2012, 430, 1-2, str. 74-85, COBISS.SI-ID: 3229041

Kukec Simon, Vrečer Franc, Dreu Rok: A study of in situ fluid bed melt granulation using response surface methodology.- *Acta Pharm.*, 2012, 62, 4, str. 497-513, COBISS.SI-ID: 3368049.

Luštrik Matevž, Dreu, Rok, Šibanc, Rok, Srčič, Stanko. Comparative study of the uniformity of coating thickness of pellets coated with a conventional Wurster chamber and a swirl generator-equipped Wurster chamber.- *Pharm. Dev. Technol.*, 2012, 17, 3, str. 268-276, COBISS.SI-ID: 2911345.

Mašić Ivana, Ilić Ilija, Dreu Rok, Ibrič Svetlana, Parožić Jelena, Đurić Zorica: An investigation into the effect of formulation variables and process parameters on characteristics of granules obtained by in situ fluidized hot melt granulation.- *Int. J. Pharm.*, 2012, 423, 2, str. 202-212, COBISS.SI-ID: 3186033.

Maver Uroš, Planinšek Odon, Jamnik Janko, Hassanien Abdou, Gaberšček Miran: Preparation of atomically flat gold substrates for AFM measurements.- *Acta Chim. Slov.*, 2012, 59, 1, str. 212-219, COBISS.SI-ID: 4933146

Mikac Urška, Sepe Ana, Kristl Julijana, Baumgartner Saša: The use of a combination of different MR methods to study swelling of hydrophilic xanthan matrix tablets at different pHs.- *Pril. - Maked. Akad. Nauk. Odd. Mat.-teh. Nauki*, 2012, 33, 1, str. 391-395, COBISS.SI-ID: 26165543.

Pelipenko Jan, Kristl Julijana, Rošić Romana, Baumgartner Saša, Kocbek Petra: Interfacial rheology: an overview of measuring techniques and its role in dispersions and electrospinning.- *Acta Pharm.*, 2012, 62, 2, str. 123-140, COBISS.SI-ID: 3270257.

Rojnik Matija, Kocbek Petra, Moret Francesca, Compagnin Chiara, Celotti Lucia, Bovis Melissa, Woodhams Josephine, Macrobert Alexander J., Scheglmann Dietrich, Helfrich Wijnand, Verkaik Marco, Papini Emanuele, Reddi Elena, Kos Janko: In vitro and in vivo characterization of

temoporfin-loaded PEGlytated PLGA nanoparticles for use in photodynamic therapy.- *Nanomedicine*, 2012, 7, 5, str. 663-677, COBISS.SI-ID: 3250545.

Rošić Romana, Pelipenko Jan, Kocbek Petra, Baumgartner Saša, Bešter-Rogač Marija, Kristl Julijana: The role of rheology of polymer solutions in predicting nanofiber formation by electrospinning.- *Eur. Polym. J.*, 2012, 48, 8, str. 1374-1384, COBISS.SI-ID: 3248753.

Rošić Romana, Pelipenko Jan, Kristl Julijana, Kocbek Petra, Baumgartner Saša: Properties, engineering and applications of polymeric nanofibers: current research and future advances. *Chem. Biochem. Eng. Q.*, 2012, 26, 4, str. 417-425, COBISS.SI-ID: 3380081.

Šantl Maja, Ilić Ilija, Vrečer Franc, Baumgartner Saša: A compressibility and compactibility study of real tabletting mixtures: the effect of granule particle size.- *Acta Pharm.*, 2012, 62, 3, str. 325-340, COBISS.SI-ID: 3299441.

Štefanič Marko, Locatelli Igor, Vrečer Franc, Sever Tanja, Mrhar Aleš, Bogataj Marija: The influence of gastric emptying kinetics on the drug release from enteric coated pellets in fasted state: An in vitro/in vivo correlation.- *Eur. J. Pharm. Biopharm.*, 2012, 82, 2, str. 376-382, COBISS.SI-ID: 3286385.

Teskač Karmen, Kocbe, Petra, Erdani-Kreft Mateja, Kristl Julijana: Mehanizmi vstopa nanodelcev v celice in njihov vpliv na dostavljanje učinkovin = Mechanisms of cellular uptake of nanoparticles and their effect on drug delivery.- *Zdrav. Vestn.*, 2012, 81, 3, str. 225-235, COBISS.SI-ID: 3220849.

Ukmar Tina, Maver Uroš, Planinšek Odon, Pintar Albin, Kaučič Venčeslav, Godec Aljaž, Gaberšček Miran: Guest-host van der Waals interactions decisively affect the molecular transport in mesoporous media.- *J. Mater. Chem.*, 2012, 22, str. 1112-1120, COBISS.SI-ID: 4837914.

Vehovec Tanja, Gartner Andrej, Planinšek Odon, Obreza Aleš: Influence of different types of commercially available microcrystalline cellulose on degradation of perindopril erbumine and enalapril maleate in binary mixtures.- *Acta Pharm.*, 2012, 62, 4, str. 515-528, COBISS.SI-ID: 3367793.

Višnjar Tanja, Kocbek Petra, Erdani-Kreft Mateja: Hyperplasia as a mechanism for rapid resealing urothelial injuries and maintaining high transepithelial resistance.- *Histochemistry And Cell Biology*, 2012, 137, 2, str. 177-186, COBISS.SI-ID: 29338585.

Zvonar Alenka, Bolko Katarina, Gašperlin Mirjana: Microencapsulation of self-microemulsifying systems: optimization of shell-formation phase and hardening process.- *Int. J. Pharm.*, 2012, 437, 1-2, str. 294-302, COBISS.SI-ID: 3292017.