

Nagrade za koordinateure projekata i autore/istraživačke grupe koji su u periodu 01.10.2020-30.09.2021. potpisali projektne ugovore i/ili svoje rezultate publikovali(e) u časopisima izuzetnih vrednosti (kategorija M21a, IF 2020)

Tabela 1. Pregled međunarodnih/nacionalnih projekata koji donose materijalna sredstva Farmaceutskom fakultetu Beograd – Ugovori potpisani u toku 2020/2021. školske godine

Evidencioni broj projekta/period trajanja	Naslov projekta na srpskom i/ili engleskom jeziku	Srpski predlagač/koordinator	Srpska institucija(e)	Fond	Vrednost projekta/deo srpskog partnera
PSY-PGx - 945151 (2021-2026)	Implementation of a personalised medicine model of care in European psychiatric practice	Dr sc. Marin Jukić , docent	Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za fiziologiju Institut za mentalno zdravlje RS	Horizont 2020	483.000,00 EUR (deo srpskih partnera)
Period trajanja 2021-2023. God MOST I MPNTR istraživačko razvojni projekti (2021-2023)	Povećanje efikasnosti imunoterapije karcinoma kombinacijom CAR-T ćelija ili PD-1/PD-L1 inhibitora sa imunomodulatorima	Dr sc. Danijela Đukić Ćosić , vanredni profesor	Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za toksikologiju "Akademik Danilo Soldatović" Institut za	MPNTR	200.000,00 USD (deo srpskih partnera)

			molekularnu genetiku i genetičko inženjerstvo		
2020-1-RS01- KA226-HE-094538 (2021-2023)	Effective teaching for student engagement and success in digital learning environment (StudES)	Dr sc. Andelija Malenović , redovni profesor – prodekan za nastavu	Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za analitiku lekova	ERASMUS+K2 projekat , KA226 <i>Partnerships for Digital Education Readiness</i>	103.440,00 EUR (ukupna vrednost projekta)
Inovacioni vaučer 1071 (2021)	Verifikacija parametara KKS i brzine sedimentacije eritrocita na hematološkom brojaču MEK1305 i poređenje inovativne metode za određivanje brzine sedimentacije eritrocita sa klasičnom Westergren metodom	Dr sc. Tamara Gojković , asistent sa doktoratom	Univerzitet u Beogradu – Farmaceutski fakultet, Katedra za medicinsku biohemiju	Fond za inovacionu delatnost RS	1.594.560,00 RSD (ukupna vrednost projekta)

Tabela 2. Pregled radova kategorije M21a čiji autori su se javili na Konkurs

Redni broj	Autori (ime glavnog /odgovornog istraživača je <i>bold</i>-ovano)	Naslov rada	DOI broj – Datum prihvatanja za štampu/ Datum publikovanja (Epub)	Časopis	Oblast u kojoj je rad M21a	Impakt faktor
1.	Werner Sieghart, Lih-Chu Chiou, Margot Ernst, Jure Fabjan, Miroslav Savic , Ming-Tatt Lee.	α 6-containing GABA _A receptors: functional roles and therapeutic potentials. Pharmacoll Rev, 2021, September 8, doi: 10.1124/pr.117.014449./ (<i>in press</i>)	doi: 10.1124/pr.117.014449./ septembar 2021.	Pharmacological Reviews	Pharmacology and Pharmacy (2/275)	25,468 (2020)
2.	Milosavljevic F, Bukvic N, Pavlovic Z, Miljevic C, Pešic V, Molden E, Ingelman-Sundberg M, Leucht S, Jukic MM .	Association of CYP2C19 and CYP2D6 Poor and Intermediate Metabolizer Status With Antidepressant and Antipsychotic Exposure: A Systematic Review and Meta-analysis. JAMA Psychiatry. 2021 Mar 1;78(3):270-280. doi: 10.1001/jamapsychiatry.2020.3643.	doi: 10.1001/jamapsychiatry /decembar 2020.	JAMA Psychiatry	Psychiatry (2/156)	21,596 (2020)
3.	Igor Asanović, Emilia Strandback ¹ , Alena Kroupova ¹ , Djurdja Pasajlic ¹ , Anton Meinhart ¹ , Pai Tsung-Pin ¹ , Nemanja Djokovic¹ , Dorothea Anrather ¹ , Thomas Schuetz, Marcin Józef Suskiewicz,	The oxidoreductase PYROXD1 uses NAD(P) ⁺ as an antioxidant to sustain tRNA ligase activity in pre-tRNA splicing and unfolded protein response. Molecular Cell, 2021 Jun 17, 81: 2520-	doi.org/10.1016/j.molcel.2021.04.007.2018.06.002/april 2021.	Molecular Cell	Biochemistry and Molecular Biology 6/297 Cell Biology 12/195	17,970 (2020)

	Sirelin Sillamaa, Thomas Köcher, Rebecca Beveridge, Katarina Nikolic, Alexander Schleiffer, Martin Jinek, Markus Hartl, Tim Clausen, Josef Penninger, Peter Macheroux, Stefan Weitzer, Javier Martinez ¹ These authors contributed equally	2532, doi.org/10.1016/j.molcel.2021.04.007				
4.	Javorac D , Antonijević B, Anđelković M, Repić A, Bulat P, Buha Djordjević A, Baralić K, Đukić-Ćosić D, Antonić T, Bulat Z.	Oxidative stress, metallomics and blood toxicity after subacute low-level lead exposure in Wistar rats: Benchmark dose analyses. Environmental Pollution 2021; 291.doi: 10.1016/j.envpol.2021.118103	doi: 10.1016/j.envpo.2021.118103/s.eptembar 2021	Environmental Pollution	Environmental Sciences 23/274	8,071 (2020)
5.	Čirić A , Medarević Đ, Čalija B, Dobričić V, Rmandić M, Barudžija T, Malenovic A, Djekic Lj	Effect of ibuprofen entrapment procedure on physicochemical and controlled drug release performances of chitosan/xanthan gum polyelectrolyte complexes. International Journal of Biological Macromolecules, 2021, 167: 547-558, doi: 10.1016/j.ijbiomac.2020.11.201	doi: 10.1016/j.ijbiomac.2020.11.201/decembar 2020	International Journal of Biological Macromolecules	Polymer Science (6/88)	6,953 (2020)
6.	Bråten LS, Haslemo T, Jukic MM , Ivanov M, Ingelman-Sundberg M, Molden E, Kringen MK.	A Novel CYP2C-Haplotype Associated With Ultrarapid Metabolism of Escitalopram. Clin Pharmacol Ther. 2021 Sep; 110(3):786-793. doi: 10.1002/cpt.2233.	doi: 10.1002/cpt.2233/maj 2021	Clinical Pharmacology and Therapeutics	Pharmacology and Pharmacy (20/275)	6,875 (2020)

7.	Jukić MM , Smith RL, Molden E, Ingelman-Sundberg M.	Evaluation of the CYP2D6 Haplotype Activity Scores Based on Metabolic Ratios of 4,700 Patients Treated With Three Different CYP2D6 Substrates. Clin Pharmacol Ther. 2021 Sep;110(3):750-758. doi: 10.1002/cpt.2246.	doi: 10.1002/cpt.2246/maj 2021	Clinical Pharmacology and Therapeutics	Pharmacology and Pharmacy (20/275)	6,875 (2020)
8.	Changzhi Shi, Jelisaveta Ignjatović, Tingting Liu, Meihua Han, Dongmei Cun, Jelena Đuriš, Mingshi Yang, Sandra Cvijić	<i>In vitro - in vivo - in silico</i> approach in the development of inhaled drug products: Nanocrystal-based formulations with budesonide as a model drug Asian J Pharm Sci, 2021 May;16(3):350-362. doi: 10.1016/j.ajps.2020.12.001.	doi: 10.1016/j.ajps.2020.12.001/januar 2021	Asian Journal of Pharmaceutical Sciences	Pharmacology and Pharmacy (24/275)	6,598 (2020)
9.	Rodriguez-Arévalo S, Bagán A, Griñán-Ferré C, Vasilopoulou F, Pallàs M, Brocos-Mosquera I, Callado LF, Loza MI, Martínez AL, Brea J, Pérez B, Molins E, De Jonghe S, Daelemans D, Radan M, Djikic T, Nikolic K (PI) , Hernández-Hernández E, García-Fuster MJ, García-Sevilla JA, Escolano C.	Benzofuranyl-2-imidazoles as imidazoline I2 receptor ligands for Alzheimer's disease. Eur J Med Chem. 2021 Oct 15;222:113540. doi: 10.1016/j.ejmech.2021.113540	doi: 10.1016/j.ejmeh.2021.113540/maj 2021	European Journal of Medicinal Chemistry	Chemistry, Medicinal (5/163)	6,514 (2020)
10.	Anđelković M, Buha Djordjević A, Antonijević Miljaković E, Javorac D, Čolaković N, Oprić S, Petričević S, Granić M,	Cadmium tissue level in women diagnosed with breast cancer - A case control study. Environmental Research 2021 May; 199:111300, doi:	doi: 10.1016/j.envres.2021.111300/maj 2021	Environmental Research	Public, Environmental & Occupational Health (18/294)	6,498 (2020)

	Kotur-Stevuljević J, Antonijević B, Bulat Z.	10.1016/j.envres.2021.111300.				
11.	Živančević K, Baralić K, Jorgovanović D, Buha Djordjević A, Čurčić M, Antonijević Miljaković E, Antonijević B, Bulat Z, Đukić-Ćosić D.	Elucidating the influence of environmentally relevant toxic metal mixture on molecular mechanisms involved in the development of neurodegenerative diseases: <i>in silico</i> toxicogenomic data-mining. Environmental Research 2021 Mar;194:110727. PMID: 33465344. doi: 10.1016/j.envres.2021.110727	. doi: 10.1016/j.envres.2021.110727/januar 2021	Environmental Research	Public, Environmental & Occupational Health (18/294)	6,498 (2020)
12.	Skalny AV, Aschner M, Bobrovniksky IP, Chen P, Tsatsakis A, Paoliello MMB, Buha Djordjevic A, Tinkov AA.	Environmental and health hazards of military metal pollution. Environmental Research 2021; 201:111568. doi.org/10.1016/j.envres.2021.111568	doi.org/10.1016/j.envres.2021.111568/jun 2021	Environmental Research	Public, Environmental & Occupational Health (18/294)	6,498 (2020)
13.	Karaulov AV, Smolyagin AI, Mikhailova IV, Stadnikov AA, Ermolina EV, Filippova YV, Kuzmicheva NA, Vlata Z, Djordjevic Buha A, Tsitsimpikou C, Hartung T, Hernandez AF, Tsatsakis A.	Assessment of the combined effects of chromium and benzene on the rat neuroendocrine and immune systems. Environmental Research 2021 (<i>in press</i>) doi.org/10.1016/j.envres.2021.112096	doi.org/10.1016/j.envres.2021.112096 /septembar 2021	Environmental Research	Public, Environmental & Occupational Health (18/294)	6,498 (2020)
14.	Buha A, Baralić K, Đukić-Ćosić D, Bulat Z, Tinkov A, Panieri E, Saso L.	The Role of Toxic Metals and Metalloids in Nrf2 Signaling. Antioxidants 2021; 10, 630. doi.org/10.3390/antiox10050630	doi.org/10.3390/antiox10050630 /april 2021	Antioxidants	Food Science & Technology 11/144; Chemistry, Medicinal 6/63	6,312 (2020)

15.	Javorac D, Grahovac L, Manić L, Stojilković N, Anđelković M, Bulat Z, Đukić-Ćosić D, Curcic M , Djordjevic AB.	An overview of safety assessment of the medicines currently used in the treatment of COVID-19 disease. Food and Chemical Toxicology. 2020 Oct;144:111639. doi: 10.1016/j.fct.2020.111639	doi: 10.1016/j.fct.2020.111639/jul 2020	Food and Chemical Toxicology	Food Science & Technology 14/144; Toxicology 9/93	6,023 (2020)
16.	Baralić K , Živančević K, Jorgovanović D, Javorac D, Radovanović J, Gojković T, Buha Djordjevic A, Čurčić M, Mandinić Z, Bulat Z, Antonijević B, Đukić-Ćosić D.	Probiotic reduced the impact of phthalates and bisphenol A mixture on type 2 diabetes mellitus development: Merging bioinformatics with in vivo analysis. Food Chem Toxicol. 2021 Aug;154:112325. PMID: 34097988. doi: 10.1016/j.fct.2021.112325.	doi: 10.1016/j.fct.2021.112325/ Jun 2021	Food and Chemical Toxicology	Food Science & Technology 14/144; Toxicology 9/93	6,023 (2020)