

**VEĆE OBLASTI BIOLOGIJE
INSTITUT ZA NUKLEARNE NAUKE "VINČA"**

Predmet: Molba za pokretanje postupka za izbor u zvanje NAUČNI SAVETNIK

Molim Veće oblasti biologije da na osnovu priložene stručne biografije i rezultata ostvarene naučno-istraživačke aktivnosti, pokrene postupak za izbor dr Snežane Pejić u zvanje NAUČNI SAVETNIK.

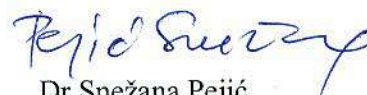
Radi sprovođenja postupka i ocene naučne ispunjenosti za izbor predlažem komisiju u sastavu:

1. dr Snežana B. Pajović, naučni savetnik Instituta za nuklearne nauke „Vinča“;
redovni profesor Medicinskog fakulteta u Nišu
2. dr Aleksandra Ristić-Fira, naučni savetnik Instituta za nuklearne nauke „Vinča“
3. dr Zorica S. Saičić, naučni savetnik Instituta za biološka istraživanja „Siniša Stanković“

Prilog:

1. Stručna biografija
2. Kopija diplome doktora bioloških nauka
3. Kopija odluke o sticanju zvanja viši naučni saradnik
4. Spisak publikacija pre izbora u zvanje viši naučni saradnik
5. Spisak publikacija posle izbora u zvanje viši naučni saradnik
6. Kopija radova posle izbora u zvanje viši naučni saradnik
7. Spisak citiranih radova
8. Dokaz o mentorstvu za izradu doktorske disertacije
9. Dokaz o rukovođenju projektom, potprojektom i zadatkom u okviru projekta
10. Dokaz o recenziji međunarodnih projekata po pozivu MPNTR
11. Dokaz o učešću na međunarodnim projektima
12. Dokaz o učešću u obrazovnim aktivnostima INN Vinča i Zavoda za sport i medicinu sporta Republike Srbije
13. Dokaz o učešću u međunarodnim letnjim školama i kursovima u okviru Pravne podrške predpristupnim pregovorima EU
14. Dokaz o predavanju po pozivu na Međunarodnom mini simpozijumu u organizaciji Farmaceutskog fakulteta u Beogradu
15. Dokaz o članstvu u Uređivačkom odboru međunarodnog časopisa
16. Dokaz o recenzijama radova u međunarodnim časopisima od 2015-2018. godine

Beograd, 28.09.2018.


Dr Snežana Pejić
viši naučni saradnik

Naučnom veću

Instituta za nuklearne nauke VINČA

Beograd, 01.10.2018.

ИНСТИТУТ ЗА НУКЛЕАРНЕ НАУКЕ "ВИНЧА"

ПРИМЉЕНО: 05.10.2018

Орг.доо	Б р о ј	прилог	Вредност
	015-28/2018	-	090

Predmet: Molba za pokretanje postupka za izbor u zvanje naučni savetnik dr Snežane Pejić, saradnice Laboratorije za molekularnu biologiju i endokrinologiju

Veće oblasti biologije razmatralo je predlog izbora dr Snežane Pejić, višeg naučnog saradnika INN Vinča, u zvanje naučni savetnik i donelo odluku da predloži Naučnom veću Instituta da pokrene postupak za izbor u navedeno zvanje.

Predložena je komisija za pregled, ocenu i pisanje referata, u sastavu:

1. Prof. dr Snežana B. Pajović, naučni savetnik Instituta za nuklearne nauke „Vinča” Univerziteta u Beogradu i redovni profesor Medicinskog fakulteta Univerziteta u Nišu – predsednik komisije
2. dr Aleksandra Ristić-Fira, naučni savetnik Instituta za nuklearne nauke „Vinča” Univerziteta u Beogradu
3. dr Zorica S. Saičić, naučni savetnik Instituta za biološka istraživanja „Siniša Stanković” Univerziteta u Beogradu

Predsednik Veća oblasti biologije

dr Miroslav Adžić

viši naučni saradnik

MATERIJAL ZA IZBOR U ZVANJE NAUČNI SAVETNIK

Dr Snežana Pejić

Osnovni stručno-biografski podaci

Dr Snežana Pejić je rođena 1967. godine u Osijeku. Nakon završene osnovne i srednje škole u Beogradu upisala je studije na smeru Opšte biologije Prirodno-matematičkog fakulteta, Univerziteta u Beogradu, a diplomirala je 30.12.1994. Školske 1995/96. godine upisala je poslediplomske studije na smeru Endokrinologija, Biološkog fakulteta, Univerziteta u Beogradu. Magistarski rad pod naslovom: „*Dejstvo estradiola na aktivnost superoksid dismutaza u mozgu pacova u postnatalnom periodu do polne zrelosti*“, uradila je pod rukovodstvom dr Snežane Pajović i prof. dr Vukosave Davidović, u Laboratoriji za molekularnu biologiju i endokrinologiju, Instituta za nuklearne nauke "Vinča" i odbranila 24.06.1999. godine na Biološkom fakultetu, Univerziteta u Beogradu. Doktorsku disertaciju, pod naslovom: „*Uloga antioksidativnog statusa kod pacijentkinja sa transformisanim ćelijama endometrijumom*“, pod rukovodstvom dr Snežane B. Pajović odbranila je 27.07.2007. godine na Biološkom fakultetu, Univerziteta u Beogradu.

U Laboratoriji za molekularnu biologiju i endokrinologiju, Instituta za nuklearne nauke "Vinča" dr Snežana Pejić je zaposlena od 26.12.1995. U zvanje naučni saradnik izabrana je Odlukom Ministarstva nauke Republike Srbije broj: 06-00-69/417 od 13.02.2008. godine, a u zvanje viši naučni saradnik Odlukom Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije broj: 660-01-00194/83 od 30.10.2013. godine.

Naučno-istraživačka aktivnost

Naučno istraživački rad dr Snežane Pejić je u najvećoj meri usmeren na fundamentalna i primenjena biomedicinska istraživanja kroz izučavanje molekularnih mehanizama etiopatogeneze različitih oboljenja, kao i izučavanje potencijalnih molekulskih prognostičkih faktora preživljavanja pacijenata sa kancerom. Delatnost kandidatkinje odvija se u više istraživačkih pravaca:

- Antioksidativni sistem kod pacijentkinja sa ginekološkim oboljenjima uterusa
 - izučavanje uticaja polnih hormona tokom reproduktivnog ciklusa na modulaciju antioksidativnog statusa kod žena sa benigno (polip, miom), premaligno (hiperplazija simpleks, hiperplazija kompleks) i maligno (adenokarcinom) transformisanim endometrijumom
 - uticaj dijagnostičkih i reproduktivnih faktora na antioksidativni sistem u krvi ovih pacijentkinja

- Antioksidativni sistem i lipidna peroksidacija kod dece sa celijačnom bolešću
 - izučavanje antioksidativnog statusa i lipidne peroksidacije u krvi i intestinalnoj mukozi pedijatrijskih pacijenata
- Biohemijski efekti zračenja
 - proučavanje uticaja terapijskih doza zračenja na antioksidativni status u mozgu
- Molekularni mehanizmi stresom indukovanih oboljenja
 - izučavanje uticaja hroničnih stresora na ekspresiju kateholaminskih biosintetičkih enzima, monoaminskih transportera i antioksidativnih enzima u slezini
 - izučavanje uticaja hroničnih stresora na gensku ekspresiju i aktivnost antioksidativnih enzima u korteksu i hipokampusu mozga
- Antioksidativna svojstva suplemenata kao funkcionalnog svojstva hrane
 - proučavanje efekata suplementacije prirodnim sastojcima na parametre oksidativnog stresa i inflamacije
- Kancer, kardiovaskularni sistem
 - utvrđivanje kliničko-patoloških osobina i uticaj antioksidativnog statusa i ekspresije proteina kod pacijenata sa karcinomom
 - ekspresija proteina u oboljenjima perifernih krvnih sudova i kardiomiopatiji

Učešće na projektima Ministarstva prosvete, nauke i tehnološkog razvoja

Učestvovala je u naučno-istraživačkim projektima Ministarstva za nauku i tehnološki razvoj Republike Srbije:

- (1996-2001): “Molekularna osnova transdukcije hormonskih signala” (03E24, rukovodilac: akad. prof. Dušan Kanazir);
- (2002-2006): “Molekularni mehanizmi biološkog odgovora na hemijske i fizičke faktore sredine” (BOI 1953, rukovodilac: dr Marija Radojčić);
- (2006-2010): „Signalni putevi delovanja steroidnih hormona i uticaj endogenih i egzogenih faktora na modulaciju procesa u ćelijama sisara“ (143044 B, rukovodilac: dr Anica Horvat)
- (2006-2010): „Proučavanje poremećaja homeostaze i određivanje biomarkera oksidacionog stresa kod aerobnih životinja“ (143045 B, rukovodilac: dr Zorica S. Saičić)

U tekućem ciklusu projekata 2011-2018. godine, dr Snežana Pejić rukovodi projektom integralnih i interdisciplinarnih istraživanja “*Ćelijske i molekulske osnove malignih i kardiovaskularnih oboljenja-kliničke implikacije*” (III 41027), potprojektom “*Molekulske osnove antioksidativne odbrane: mehanizmi regulacije i uloga u fiziološkim i patogenetskim procesima*” i istraživačkim zadatkom broj 3 u okviru ovog potprojekta.

Takođe je saradnik na integralnom i interdisciplinarnom projektu akademika prof. dr. Miodraga Ostojića pod nazivom: "Akutni koronarni sindrom: istraživanje vulnerabilnosti (plaka, krvi i miokarda), optimalno lečenje i određivanje prognostičkih faktora" (III 41022).

Angažovanost u razvoju uslova za naučni rad, obrazovanju i formiranju naučnih kadrova:

Rukovođenje izradom doktorskih disertacija

Odlukom Nastavno-naučnog veća Biološkog fakulteta Univerziteta u Beogradu na X redovnoj sednici održanoj 14.09.2012. godine određena je za mentora doktorske disertacije mr Ane Todorović pod nazivom: „*Ekspresija antioksidativnih enzima i transkripcionog faktora Nrf2 kod pacijentkinja sa benigno, premaligno i maligno transformisanim endometrijumom*“.

Aktivno je učestvovala u izradi doktorskih disertacija dr Vesne Stojiljković, dr Jelene Kasapović, dr Nenada Lučića (Banja Luka), dr Maje Mladenović (Valjevo). Trenutno aktivno učestvuje u izradi doktorskih disertacija Ivana Pavlovića i Jadranke Miletić Vukajlović koje će biti branjene 2019. godine.

Obrazovanje, popularizacija i promocija naučnog rada

- Aktivno se bavi promocijom i popularizacijom nauke kroz učešće u projektima i manifestacijama Instituta Vinča i društva DIV, "Vinčine naučionice" i "Otvorena vrata":
 - Septembar-decembar 2015, *koordinator* manifestacije "Vinčine naučionice 2015", finansirane od strane grada Beograda, Odeljenja za sport i omladinu republike Srbije. (Poster pod nazivom: "Antioksidativni enzimi u patološkim procesima" osvojio je 1. mesto kao najbolji poster baziran na aktuelnim rezultatima koji su prezentovani)
 - Septembar 2018, *predavač* na manifestaciji "Otvorena vrata" (predavanje pod nazivom: "Oksidativni stres i antioksidativni sistem: uloga i značaj u organizmu")
- Učesnik *internacionalnih letnjih škola* Genomske medicine posvećenih razvoju novih dijagnostičkih i terapijskih pristupa, kao i personalizovanoj medicini:
 - Maj 2016, Summer school, Genomic medicine "Bridging research and the clinic", Portorož, Slovenia
 - Avgust 2016, 3rd ESPT Summer School, "State of the Art, Novel Concepts and Clinical Applications of Pharmacogenomics and Personalized Therapy", Beograd, Srbija
- Završila *Modul I* obuke pod nazivom "Transpozicija Direktive EU 2010/63 o zaštiti životinja koje se koriste u naučne svrhe u nacionalno zakonodavstvo i praktična primena propisa". Obuka je organizovana u sklopu PLAC II projekta (Centar za politiku i pravno savetovanje), aktivnost u oblasti dobrobiti životinja (28.06. - 06.07. 2018. godine).

- Završila *Modul II* obuke pod nazivom "*Transpozicija Direktive EU 2010/63 o zaštiti životinja koje se koriste u naučne svrhe u nacionalno zakonodavstvo i praktična primena propisa*". Obuka je organizovana u sklopu PLAC II projekta (Centar za politiku i pravno savetovanje), aktivnost u oblasti dobrobiti životinja (21.-26. 09. 2018. godine).

Međunarodna naučna saradnja

2017-2018. Učesnik na projektu multilateralne saradnje zemalja Dunavske regije pod nazivom: „*Dunav upozna je omiku*“ (*Danube meets omics, DANOMICS*); ev. br. DS_052, Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije.

Rukovodilac projekta sa srpske strane: dr Marijana Petković

2013-2015. Učesnik na projektu Ministarstva nauke Republike Crne Gore pod nazivom: „*Analiza faktora rizika za nastanak neželjenih dejstava lekova kod kardioloških bolesnika*“, br. rešenja 451-03-01414/2016-09/29.

Nosilac projekta: Agencija za lekove i medicinska sredstva Crne Gore (CALIMS)

Rukovodilac projekta: Prof. dr Zoran Todorović

Organizacija naučnog rada:

Učešće u realizaciji naučnih projekata i angažovanje u rukovođenju naučnim radom

Svoje dosadašnje rezultate dr Snežana Pejić je ostvarila angažovanjem na projektima resornog Ministarstva za naučnoistraživački rad Republike Srbije, a od 2011. godine je rukovodilac projekta integralnih i interdisciplinarnih istraživanja "*Ćelijske i molekulske osnove malignih i kardiovaskularnih oboljenja-kliničke implikacije*" (III 41027) i potprojekta "*Molekulske osnove antioksidativne odbrane: mehanizmi regulacije i uloga u fiziološkim i patogenetskim procesima*" u okviru pomenutog projekta.

Bila je predsednik Veća oblasti biologije, Instituta za nuklearne nauke Vinča, u 2 mandata:

2010. – 2012. godine

2012. – 2014. Godine,

i član Naučnog veća Instituta za nuklearne nauke Vinča u istom periodu.

Pokazatelji uspeha u naučnom radu

- Predavanja po pozivu na skupovima međunarodnog značaja

- Snežana Pejić, International Mini symposium: *The Serbian State Universities Projects Related to Oxidative stress*, 22nd May, 2018, Faculty of Pharmacy, University of Belgrade, Serbia

- Predavanja po pozivu na skupovima nacionalnog značaja

- Snežana Pejić, Miroljub Zlatković: “*Oksidativni stress i sportisti*”. Kurs I kategorije: “*Fiziologija napora kroz biohemijske analize i molekularna biologija u medicini sporta*”, održan u Zavodu za sport i medicinu sporta Republike Srbije, 18.11.2015. godine.

- Recenzije

- Recenzije projekata

Recenzent predloga međunarodnog projekta u okviru *Programa bilateralne saradnje između Republike Srbije i Republike Italije* za period 2019-2021. godine (angažovana od strane Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije, 17.09.2018. godine).

- Recenzije radova u međunarodnim časopisima u periodu od izbora u zvanje VNS (broj rada, godina)

The Clinical Respiratory Journal (06-2018-256; 2018)

Annual Research & Review in Biology (No. 39454; 2018)

Reproductive Biology and Endocrinology –RBEJ (18-00286; 2018)

Food and Function (05-2018-000960.R1; 2018)

European Journal of Obstetrics&Gynecology and Reproductive Biology –EJOGRB (18-17453; 2018)

European Journal of Obstetrics&Gynecology and Reproductive Biology –EJOGRB (17-16823; 2018)

Oxidative Medicine and Cellular Longevity (1324820; 2018)

Cellular and Molecular Biology – CMB (2018)

Reproductive Biology and Endocrinology –RBEJ (17-00239R1; 2017)

International Journal of tropical disease &Health (32638; 2017)

Journal of Advances in Medical and Pharmaceutical Sciences (33901; 2017)

Patients Related Outcome Measures (2017)

International Journal of Women’s Health (2017)

Journal of Obstetrics and Gynaecology –CJOG (0821; 2017)

Reproductive Biology and Endocrinology –RBEJ (16-00008; 2016)

Reproductive Biology and Endocrinology –RBEJ (16-00075; 2016)

British Journal of Medicine and Medical Research (24099, 2016)

Journal of International Research in Medical and Pharmaceutical Sciences (3361; 2016)

British Journal of Pharmaceutical Research (28790; 2016)

Asian Journal of Medicine and Health (29569; 2016)

Journal of Basic and Applied Research International (4414; 2016)

British Journal of Medicine and Medical Research (21576, 2015)

Systems Biology in Reproductive Medicine (0136; 2015)

Stalni recenzent časopisa Reproductive Biology and Endocrinology – RBEJ od 2009. godine

Nagrade i priznanja

Dr Snežana Pejić je koautor u radu koji je nagrađen zlatnom medaljom “Nikola Tesla” od strane “Saveza pronalazača i autora tehničkih unapređenja Beograda”, javno uručenoj na dodeli nagrada 30.11.2007. godine u Beogradu.

Pajović B. Snežana, Todorović Ana, Stojiljković Vesna, Kasapović Jelena, **Pejić Snežana**, Kanazir T. Dušan: *Milk, milk products, nutrition and health*. International Conference, Innovations & Health and Safe human environment, 29th-30th November, SANU, Belgrade 2007, pp. 1-6

Članstva u Uređivačkim odborima časopisa

Počasni član Uređivačkog odbora međunarodnog časopisa *EC Gynaecology* (Velika Britanija).

Članstva u domaćim i međunarodnim naučnim društvima

Društvo za neuronauke Srbije (SNS), Srpsko biološko društvo, Srpsko društvo za mitohondrijalnu i slobodno-radikalnu fiziologiju (SDMSRF), Federacija evropskih društava biohemije (FEBS), Međunarodna istraživačka organizacija o mozgu (IBRO), Federacija evropskih društava za neuronauke (FENS), Evropsko udruženje ginekološke onkologije (ESGO), Evropsko društvo za farmakogenomiku i personalizovanu terapiju (ESPT).

Kvalitet naučnih rezultata

Tabela 1. Analiza radova publikovanih od prethodnog izbora u zvanje i minimalni kvantitativni zahtevi za sticanje zvanja naučni savetnik, za prirodno-matematičke i medicinske nauke

NAZIV GRUPE REZULTATA	OZNAKA GRUPE REZULTATA	KATEGORIJA RADA	BROJ	VREDNOST REZULTATA
Monografije, monografske studije, tematski zbornici, leksikografske i kartografske publikacije međunarodnog značaja	M10	M13	1	$1 \times 7 = 7/*5.83$
		M14	2	$2 \times 4 = 8/*4.44$
Ukupno:				15/*10.27
Radovi objavljeni u naučnim časopisima međunarodnog značaja	M20	M21	1	$1 \times 8 = 8/**6.67$
		M22 [#]	4	$4 \times 5 = 20$
		M23	12	$12 \times 3 = 36/**30.07$
Ukupno:				64/**56.74
Zbornici međunarodnih naučnih skupova i skupova nacionalnog značaja	M30	M33	4	$4 \times 1 = 4$
		M34	12	$12 \times 0.5 = 6$
	M60	M64	1	$1 \times 0.2 = 0.2$
Ukupno:				10.2
UKUPNO:				89.2/**77.21 (traži se ≥ 70)
M10+M20+M31+M32+M33+M41+M42+M90				83/**71.01 (traži se ≥ 50)
M11+M12+M21+M22+M23				64/**56.74 (traži se ≥ 35)

* Normirano prema važećoj formuli za 3 autora; ** Normirano prema važećoj formuli za 7 autora

[#] Jedan rad kategorije M22 publikovan je u periodu nakon pokretanja postupka, a pre sticanja zvanja viši naučni saradnik

Tabela 1. Doprinos kandidata radovima publikovanim nakon izbora u zvanje viši naučni saradnik

Kategorija rada	Broj radova	Prvi koautor	Drugi koautor	Poslednji koautor	Autor za korespondenciju
M13	1			1	
M14	2	1			1
M21	1			1	1
M22	4	3			3
M23	12	2	6		3
M33	4	1		1	1
M34	12	2	1	2	
M64	1		1		
Ukupno	37	9	8	5	7

Kvalitet naučnih radova

Kandidatkinja je na radovima kategorija M10, M20 i M33 publikovanim nakon izbora u zvanje viši naučni saradnik bila prvi koautor na 29.2% radova, drugi koautor na 25% radova, a poslednji na 12.5% radova. Zbir IF časopisa u kojima su publikovani radovi kandidata nakon izbora u zvanje viši naučni saradnik je 18.325. Prosečan broj koautora na prikazanim radovima je 7.4.

Citiranost (na dan 27.09.2018.)

Prema bazi podataka SCOPUS

Citiranost radova: **427**

Citiranost ne računajući autocitate i citate koautura: **366**

h indeks ne računajući autocitate i citate koautura: **12**

Dr Snežana Pejić

SPISAK RADOVA NAKON IZBORA U ZVANJE VIŠI NAUČNI SARADNIK

MONOGRAFSKA STUDIJA/POGLAVLJE U KNJIZI M11 ILI RAD U TEMATSKOM ZBORNIKU VODEĆEG MEĐUNARODNOG ZNAČAJA (M13)

1. Djurasevic S, Todorovic Z, Pavlovic S, **Pejić S.** Cadmium and Fullerenes in Liver Diseases. In: Dietary Interventions in Liver Disease (Section E. Toxic dietary materials including alcohol induced liver dysfunction: treatment). Ronald Watson and Victor Preedy (Eds.), Paperback ISBN: 9780128144664, Published Date: 1st February 2019, <https://www.elsevier.com/books/dietary-interventions-in-liver-disease/watson/978-0-12-814466-4> Copyright © 2018 Elsevier

(dokaz: štampana kopija poglavlja sa doi. broj oznakom iz 2018. godine: <https://doi.org/10.1016/B978-0-12-814466-4.00027-6> knjiga izlazi 1. februara 2019. godine)

MONOGRAFSKA STUDIJA/POGLAVLJE U KNJIZI M12 ILI RAD U TEMATSKOM ZBORNIKU MEĐUNARODNOG ZNAČAJA (M14)

1. **Pejić S.**, Todorović A, Stojiljković V, Pavlović I, Gavrilović L, Popović N, Pajović SB (2015). Antioxidant Status and Sex Hormones in Women with Simple Endometrial Hyperplasia, Basic Principles and Clinical Significance of Oxidative Stress, Dr. Sivakumar Joghi Thatha Gowder (Ed.), ISBN: 978-953-51-2200-5, InTech, DOI: 10.5772/60853 Available from: <http://www.intechopen.com/books/basic-principles-and-clinical-significance-of-oxidative-stress/antioxidant-status-and-sex-hormones-in-women-with-simple-endometrial-hyperplasia>
2. Gavrilović L, Stojiljković V, Popović N, **Pejić S.**, Todorović A, Pavlović I, Pajović SB (2018). Animal Models for Chronic Stress-Induced Oxidative Stress in the Spleen: The Role of Exercise and Catecholaminergic System, Experimental Animal Models of Human Diseases, Dr. Ibeh Bartholomew (Ed.), ISBN: 978-1-78923-165-6, IntechOpen, DOI: 10.5772/intechopen.70008 Available from: <https://www.intechopen.com/books/experimental-animal-models-of-human-diseases-an-effective-therapeutic-strategy>

(zbog predugačkog naziva za kopiranje koji pravi problem za direktan pristup poglavlju, dat je link za pristup knjizi; pogledati poglavlje 14)

RAD U VRHUNSKOM MEĐUNARODNOM ČASOPISU (M21):

1. Baralic I, Andjelkovic M, Djordjevic B, Dikic N, Radivojevic N, Suzin-Zivkovic V, Radojevic-Skodric S, **Pejić, S.** Effect of astaxanthin supplementation on salivary IgA, oxidative stress, and inflammation in young soccer players. Evidence-Based Complementary and Alternative Medicine 2015; 2015: Article ID 783761, 9 pages. <https://doi.org/10.1155/2015/783761>.
Oblast: Integrative & Complementary Medicine 6/22 IF 2.175 (2013)
Normirano prema važećoj formuli za 7 autora na: 6.67 poena
Broj heterocitata: 6

RAD U ISTAKNUTOM MEĐUNARODNOM ČASOPISU (M22):

1. **Pejić SA**, Kasapović JD, Todorović AU, Stojiljković VR, Gavrilović LV, Popović NM, Pajović SB. Antioxidant enzymes in women with endometrial polyps: relation with sex hormones. Eur J Obstet Gynecol Reprod Biol 2013; 170(1):241-246.
Oblast: Obstetrics & Gynecology 27/79 IF 1.974 (2011)
Broj heterocitata: 4
Rad publikovan nakon pokretanja postupka, a pre donošenja odluke o izboru u zvanje VNS
2. **Pejić S**, Stojiljković V, Todorović A, Gavrilović L, Popović N, Pavlović I, Pajović SB. Antioxidant status in blood of gynaecological patients: influence of diagnosis and reproductive factors. Folia Biol (Praha) 2015; 61(1):26-32.
Oblast: Biology 51/85 IF 1.167 (2013)
Broj heterocitata: 3
3. **Pejić S**, Todorović A, Stojiljković V, Gavrilović L, Popović N, Pajović S. Antioxidant enzymes in women with uterine leiomyoma: relation with sex hormones. An Acad Bras Cienc 2015; 87(3):1771-1782.
Oblast: Multidisciplinary Sciences 25/55 IF 0.875 (2013)
Broj heterocitata: 2
4. Popović N, Pajović SB, Stojiljković V, Todorović A, **Pejić S**, Pavlović I, Gavrilović L. Increased activity of hippocampal antioxidant enzymes as an important adaptive phenomenon of the antioxidant defense system in chronically stressed rats. Acta Veterinaria-Beograd 2017; 67(4):540-550.
Oblast: Veterinary Sciences 82/138 IF 0.741 (2015)
Broj heterocitata: 0

RAD U MEĐUNARODNOM ČASOPISU (M23):

1. Todorović A, **Pejić S**, Stojiljković V, Gavrilović L, Popović N, Pavlović I, Saičić ZS, Pajović SB. Antioxidative enzymes in irradiated rat brain-indicators of different regional radiosensitivity, Childs Nerv Syst 2015; 31(12):2249-2256.
Oblast: Clinical Neurology 156/193 IF 1.163 (2013)
Pediatrics 76/118

Surgery 130/204

Normirano prema važećoj formuli za 7 autora na: 2.5 poena

Broj heterocitata: 1

2. Glumac S, **Pejić S**, Kovacevic R, Dundjerovic D, Davidovic R, Ristic D, Sopta J. Immunohistochemical expression of nestin in rhabdomyosarcoma: implications for clinicopathology and patient outcome. Genet Mol Res 2015; 14(4):14649-14659.
Oblast: Biochemistry & Molecular Biology 267/291 IF 0.850 (2013)
Genetics & Heredity 148/165
Broj heterocitata: 1
3. **Pejić S**, Stojiljković V, Todorović A, Gavrilović L, Pavlović I, Popović N, Pajović SB. Antioxidant Enzymes in Brain Cortex of Rats Exposed to Acute, Chronic and Combined Stress. Folia Biologica (Kraków) 2016; 64(3):189-195.
Oblast: Biology 63/85 IF 0.882 (2014)
Broj heterocitata: 0
4. **Pejić S**, Todorović A, Stojiljković V, Pavlović I, Gavrilović L, Popović N, Pajović SB. Antioxidant status and sex hormones in women with complex endometrial hyperplasia. Cell Mol Biol (Noisy-le-grand) 2016; 62(11):51-56.
Oblast: Biochemistry & Molecular Biology 249/290 IF 1.234 (2014)
Cell Biology 172/184
Broj heterocitata: 1
5. Glumac S, **Pejić S**, Kostadinovic S, Stojšić Z, Vasiljevic J. Apoptosis in Endomyocardial Biopsies from Patients with Dilated Cardiomyopathy. Folia Biol (Praha) 2016; 62(5):207-211.
Oblast: Biology 57/85 IF 1.00 (2014)
Oncology 190/211
Broj heterocitata: 1
6. Popovic N, Pajovic SB, Stojiljkovic V, **Pejić S**, Todorovic A, Pavlovic I, Gavrilovic L. Prefrontal Catecholaminergic Turnover and Antioxidant Defense System of Chronically Stressed Rats, Folia Biologica-Krakow 2017; 65(1):43-54.
Oblast: Biology 72/85 IF 0.581 (2016)
Broj heterocitata: 1
7. Pavlović I, **Pejić S**, Glumac S, Todorović A, Stojiljković V, Popović N, Gavrilović L, Pajović SB, Radojević-Škodrić S, Džamić Z, Basta-Jovanović G. Clinicopathological characteristics and survival in renal cell carcinoma: a retrospective analysis of patients in Serbia. J BUON 2017; 22:1434-1440.
Oblast: Oncology 188/222 IF 1.766 (2017)
Normirano prema važećoj formuli za 7 autora na: 1.67 poena
Broj heterocitata: 0

8. Vasic N, Glumac S, **Pejić S**, Amidžić LJ, Tadić Latinović LJ, Dožić B, Hinic S, Maksimović Z. Expression of matrix metalloproteinases and endogenous inhibitors in abdominal aortic aneurysm and aortoiliac occlusive disease (Syndrome Leriche). *Folia Biologica (Praha)* 2017; 63:209-216.
Oblast: Biology 61/85 IF 1.044 (2017)
Normirano prema važećoj formuli za 7 autora na: 2.50 poena
Broj heterocitata: 0
9. Spasojević-Tišma VD, Matović MD, Mihaljević OB, Živanović-Simonović ST, Jeremić MŽ, Jakovljević VL, Todorović VN, Pavlović IL, **Pejić SA**, Todorović AU. Redox parameters in blood of thyroid cancer patients after the radioiodine ablation. *Nuclear Technology & Radiation Protection* 2017; 32(4):358-365.
Oblast: Nuclear Sciences & Technology 25/33 IF 0.620 (2016)
Normirano prema važećoj formuli za 7 autora na: 1.88 poena
Broj heterocitata: 0
10. Miletić J, Drakulić D, **Pejić S**, Petković M, Ilić TV, Miljković M, Stefanović A, Prostran M, Stojanov M. Prooxidant-antioxidant balance, advanced oxidation protein products and lipid peroxidation in Serbian patients with Parkinson's disease. *Int J Neurosci* 2018; 128(7):600-607.
Oblast: Neurosciences 208/261 IF 1.848 (2017)
Normirano prema važećoj formuli za 7 autora na: 2.14 poena
Broj heterocitata: 0
11. Miletić-Vukajlović J, **Pejić S**, Todorović A, Valenta Šobot A, Drakulić D, Pavlović I, Stefanović A, Prostran M, Ilić TV, Stojanov M. Antioxidant status and clinicopathological parameters in patients with Parkinson's disease. *Vojnosanit pregl* 2018 OnLine-First (00):148-148, Details Full text (455 KB) <https://doi.org/10.2298/VSP180718148M>
Oblast: Medicine, General & Internal 144/154 IF 0.405 (2017)
Normirano prema važećoj formuli za 7 autora na: 1.88 poena
Broj heterocitata: 0
12. Latić D, **Pejić S**, Savić S, Lončar Z, Nikolić IM, Nikolić G, Pavlović I, Radojević Škodrić S. Cyclin D1 and p57 expression in relation to clinicopathological characteristics and overall survival in patients with renal cell carcinoma. *J BUON*, 2019; vol. 24, no. 2
Oblast: Oncology 188/222 IF 1.766 (2017)
Normirano prema važećoj formuli za 7 autora na: 2.50 poena
Broj heterocitata: -
(prihvaćen za publikaciju 2018. godine; dokaz 1: obaveštenje glavnog editora časopisa od 28.07.2018. godine, izlazi u volumenu 24, broj 2; dokaz 2: status rukopisa sa web stranice J BUON.
Časopis nije u doi sistemu.)

SAOPŠTENJE SA MEĐUNARODNOG SKUPA ŠTAMPANO U CELINI (M33):

1. **Snezana Pejić**, Ana Todorovic, Vesna Stojiljkovic, Ljubica Gavrilovic, Nataša Popovic,

Ivan Pavlovic, Snezana Pajovic. Antioxidant enzymes in women with hyperplasia complex: relation with sex hormones. Third International Conference on Radiation and Application in Various Fields of Research, RAD2015, June 8-12 2015, Budva, Montenegro, RAD Conference Proceedings, p.p. 467-470.

2. Ivan Pavlović, Ana Todorović, Vesna Stojiljković, Ljubica Gavrilović, Nataša Popović, Snežana B. Pajović, and **Snežana Pejić**. Antioxidant capacity of the kidney tissue in patients with renal cell carcinoma. 4th International Conference on Radiation and Applications in Various Fields of Research RAD2016, 23-27 May, 2016, Niš, Serbia. RAD Conference Proceedings, vol. 1, p.p. 153-155.
3. Vesna Stojiljković, Ljubica Gavrilović, **Snežana Pejić**, Ana Todorović, Nataša Popović, Ivan Pavlović, Snežana B. Pajović, Superoxide dismutase and lipid peroxidation in children affected by celiac disease, Fifth international conference on radiation and applications in various fields of research, RAD2017, 12-16 June 2017, Budva, Montenegro, RAD Conference Proceedings, vol. 2, p.p. 237-242.
4. Nataša Popović, Snežana B. Pajović, Vesna Stojiljković, Ana Todorović, **Snežana Pejić**, Ivan Pavlović, Ljubica Gavrilović relationship between behaviors and catecholamine content in prefrontal cortex and hippocampus of chronically stressed rats. Fifth international conference on radiation and applications in various fields of research, RAD2017, 12-16 June 2017, Budva, Montenegro, RAD Conference Proceedings, vol. 2, p.p. 255-259.

SAOPŠTENJE SA MEĐUNARODNOG SKUPA ŠTAMPANO U IZVODU (M34):

1. Pavlović I, Stojiljković V, **Pejić S**, Todorović A, Gavrilović Lj, Popović N, Pajović SB. Catalase, glutathione s-transferase and glutathione reductase activities in patients with renal cell carcinoma. "Molecular, cellular and integrative basis of health and disease: transdisciplinary approach", 3rd Congress of physiological sciences of Serbia with international participation, October 29-31, 2014, Belgrade, Serbia, Book of Abstracts, p. 156.
2. Ivan Pavlović, Vesna Stojiljković, Ljubica Gavrilović, Ana Todorović, Nataša Popović, **Snežana Pejić**, Snežana B. Pajović. Superoxide dismutase and catalase activity in rat brain cortex. Sinapsa Neuroscience Conference '15, 15-17 May 2015, Ljubljana, Slovenia, Book of Abstracts, p. 68.
3. Gavrilović Lj, Stojiljković V, Dronjak S, Popović N, **Pejić S**, Todorović A, Pavlović I, Pajović SB. Daily treadmill running maintains the synthesis of catecholamines on the basal level and decreases oxidative stress in the right and left heart auricles of chronically stressed rats. Joint Meeting The 7th International Symposium of Neurocardiology, Neurocard 2015, The 6th International Symposium on Noninvasive Electrocardiology, October 16th-17th, 2015, Belgrade, Serbia, p. 92.

4. Ljubica Gavrilović, Vesna Stojiljković, Nataša Popović, **Snežana Pejić**, Ana Todorović, Ivan Pavlović, Snežana B Pajović. Daily treadmill running decrease stress-induced oxidative stress in the spleen of rats. "Redox Medicine: Reactive species signaling, analytical methods, phytopharmacy, molecular mechanisms of disease", Third Congress of Serbian Society for Mitochondrial and Free Radical Physiology, September 25-26, 2015, Belgrade, Serbia, Book of Abstracts, p. 59.
5. Vesna Stojiljković, Ljubica Gavrilović, **Snežana Pejić**, Ana Todorović, Ivan Pavlović, Nataša Popović, Snežana B Pajović. SOD activity and lipid peroxidation in patients affected by celiac disease. "Redox Medicine: Reactive species signaling, analytical methods, phytopharmacy, molecular mechanisms of disease", Third Congress of Serbian Society for Mitochondrial and Free Radical Physiology, September 25-26, 2015, Belgrade, Serbia, Book of Abstracts, p. 97.
6. Ivan Pavlović, Ana Todorović, Ljubica Gavrilović, Vesna Stojiljković, Nataša Popović, Snežana B. Pajović, Gordana Basta-Jovanović, Zoran Džamić, Sanja Radojević-Škodrić, **Snežana Pejić**. Renal cell carcinoma: Clinicopathologic characteristics and evaluation of prognosis. Summer School Genomic medicine, Bridging research and the clinic. 3-7 May, 2016, Portorož, Slovenia, p. 83.
7. Gavrilović Lj, Stojiljković V, Popović N, **Pejić S**, Todorović A, Pavlović I, Pajović SB. Exposure of chronically stressed rats to treadmill running induces potentially positive adaptations of the catecholaminergic turnover in stellate ganglia. Joint Meeting The 9th International Symposium of Neurocardiology, Neurocard 2017, The 8th International Symposium on Noninvasive Electrocardiology, September 22nd-23rd, 2017, Belgrade, Serbia, Book of Abstracts, p. 120.
8. Nataša Popović, Ljubica Gavrilović, Vesna Stojiljković, **Snežana Pejić**, Ana Todorović, Ivan Pavlović, Snežana B. Pajović. Relationship between stress-activated dopaminergic system and glutathione antioxidant defence system. 7th Congress of Serbian Neuroscience Society with international participation, 25-27 October 2017, Belgrade, Serbia, Book of Abstracts, p. 52.
9. Stanimir Stojiljković, Vesna Stojiljković, Ljubica Gavrilović, **Snežana Pejić**, Ana Todorović, Nataša Popović, Ivan Pavlović, Snežana Pajović. Alterations in antioxidant defense system in response to physical exercise. International Scientific Conference, Effects of Applying Physical Activity on Anthropological Status of Children, Adolescents and Adults. December 11-12th, 2017, Belgrade, Serbia, Book of Abstracts, p. 118.
10. Ljubica Gavrilović, Vesna Stojiljković, Nataša Popović, Stanimir Stojiljković, **Snežana Pejić**, Ana Todorović, Ivan Pavlović, Snežana Pajović. Exercise decreases stress-induced oxidative stress in cardiac ventricles of psychosocially stressed rats. International Scientific Conference, Effects of Applying Physical Activity on Anthropological Status of Children, Adolescents and Adults. December 11-12th, 2017, Belgrade, Serbia, Book of Abstracts, p. 100.

11. **Snežana Pejić**, Vesna Stojiljković, Ana Todorović, Ljubica Gavrilović, Nataša Popović, Ivan Pavlović, Snežana B. Pajović. Association of reproductive factors and antioxidant status in uterus of gynecological patients. Fourth congress of Serbian Society for Mitochondrial and Free Radical Physiology, “Challenges in redox biology“, SSMFRP-2018, September 28-30. 2018, Belgrade, Serbia, Book of Abstracts, p. 71.
12. Siniša Đurašević, **Snežana Pejić**, Nebojša Jasnić, Tomislav Tosti, Jelena Đorđević, Zoran Todorović. The influence of oral C60 fullerene on the oxidative capacity of the heart, lipid profile and homeostasis of glucose and vitamin C in the rat serum. NEUROCARD 2018, The 10th International Symposium on Neurocardiology, and The 9th International Symposium on Noninvasive Electrocardiology, 12th–13th October 2018, Belgrade, Serbia, Book of Abstracts, p. 60.

SAOPŠTENJE SA NACIONALNOG SKUPA ŠTAMPANO U IZVODU (M64):

1. Ana Todorović, **Snežana Pejić**, Vesna Stojiljković, Ljubica Gavrilović, Nataša Popović, Ivan Pavlović, Snežana Pajović. Uloga antioksidativnih enzima u mehanizmima radiosenzitivnosti mozga. Knjiga sažetaka „Život sa slobodnim radikalima“, Drugi kongres Srpskog društva za mitohondrijalnu i slobodno-radikalnu fiziologiju, Niš, 28. 09. 2013. str. 45.

**SPISAK RADOVA dr SNEŽANE PEJIĆ PRE IZBORA U ZVANJE
VIŠI NAUČNI SARADNIK**

MONOGRAFSKA STUDIJA/POGLAVLJE U KNJIZI M12 ILI RAD U TEMATSKOM
ZBORNIKU (M14)

1. Stojiljković V, Kasapović J, **Pejić S**, Gavrilović L, Radlović N, Saičić ZS, Pajović SB. Antioxidant status of the celiac mucosa: implications for disease pathogenesis. In: Celiac disease – from pathophysiology to advanced therapies, Kruzliak P i Bhagat G (Eds.), str. 17-36. In Tech, Rijeka, Croatia. 2012.

RADOVI U VRHUNSKIM MEĐUNARODNIM ČASOPISIMA (M21)

1. Joksić G, Pajović SB, Stanković M, **Pejić S**, Kasapović J, Cuttone G, Calonghi N, Masotti L, Kanazir DT. Chromosome aberrations, micronuclei, and activity of superoxide dismutases in human lymphocytes after irradiation in vitro. *Cell Mol Life Sci* 2000; 57:842-850.
Oblast: Biology 6/42 IF 4.539 (2001)
2. Todorović A, Kasapović J, **Pejić S**, Stojiljković V, Pajović SB. Differences in antioxidative response of rat hippocampus and cortex after exposure to clinical dose of gamma rays. *Ann NY Acad Sci* 2005; 1048:369-372.
Oblast: Multidisciplinary Sciences 5/48 IF 1.971 (2005)
3. Stojiljković V, Todorović A, Kasapović J, **Pejić S**, Pajović SB. Antioxidant enzyme activity in rat hippocampus after chronic and acute stress exposure. *Ann NY Acad Sci* 2005; 1048:373-376.
Oblast: Multidisciplinary Sciences 5/48 IF 1.971 (2005)
4. **Pejić S**, Kasapović J, Todorović A, Stojiljković V, Pajović SB. Lipid peroxidation and antioxidant status in blood of patients with uterine myoma, endometrial polypus, hyperplastic and malignant endometrium. *Biol Res* 2006; 39(4):619-629.
Oblast: Biology 16/64 IF 2.173 (2004)
5. Stojiljković V, Todorović A, **Pejić S**, Kasapović J, Saičić ZS, Radlović N, Pajović SB. Antioxidant status and lipid peroxidation in small intestinal mucosa of children with celiac disease. *Clinical Biochemistry* 2009; 42(13-14):1431-1437.
Oblast: Medical Laboratory Technology 8/29 IF 2.019 (2009)
6. Kasapović J, **Pejić S**, Stojiljković V, Todorović A, Radošević-Jelić L, Saičić ZS, Pajović SB. Antioxidant status and lipid peroxidation in the blood of breast cancer patients of different ages after chemotherapy with 5-fluorouracil, doxorubicin and cyclophosphamide. *Clinical biochemistry* 2010; 43(16-17):1287-1293.
Oblast: Medical Laboratory Technology 8/29 IF 2.019 (2009)
7. Stojiljković V, **Pejić S**, Kasapović J, Gavrilović L, Stojiljković S, Nikolić D, Pajović SB. Glutathione redox cycle in small intestinal mucosa and peripheral blood of pediatric celiac disease patients. *An Acad Bras Cienc* 2012; 8(1):175-184.
Oblast: Multidisciplinary Science 15/56 IF 1.094 (2011)

1. **Pejić S**, Kasapović J, Cvetković D, Pajović SB. The modulatory effect of estradiol benzoate on superoxide dismutase activity in the developing rat brain. *Braz J Med Biol Res* 2003; 36(5):579-586.
Oblast: Biology 37/65 IF 0.802 (2002)
2. Stojiljković V, Todorović A, Radlović N, **Pejić S**, Mladenović M, Kasapović J, Pajović SB. Antioxidant enzymes, glutathione and lipid peroxidation in peripheral blood of children affected by coeliac disease. *Ann Clin Biochem* 2007; 44(Pt6):537-543.
Oblast: Medical Laboratory Technology 10/26 IF 1.928 (2007)
3. **Pejić S**, Todorović A, Stojiljković V, Cvetković D, Lucić N, Radojčić RM, Sačić ZS, Pajović SB. Superoxide dismutase and lipid hydroperoxides in blood and endometrial tissue of patients with benign, hyperplastic and malignant endometrium. *An Acad Bras Cienc* 2008; 80(3):515-522.
Oblast: Multidisciplinary Science 16/50 IF 0.895 (2007)
Napomena: objavljen 01.11.2007. Nakon pokretanja izbora u zvanje naučni saradnik (04.09.2007.)
4. **Pejić S**, Todorović A, Stojiljković V, Kasapović J, Pajović SB. Antioxidant enzymes and lipid peroxidation in endometrium of patients with polyps, myoma, hyperplasia and adenocarcinoma. *Reprod Biol Endocrinol* 2009; 7(149) (Open Access, ukupan broj strana: 9; doi: 10.1186/1477-7827-7-149)
Oblast: Reproductive Biology 11/25 IF 2.634 (2008)
5. Gavrilović L, Stojiljković V, Kasapović J, **Pejić S**, Todorović A, Pajović SB, Dronjak S. Forced exercise changes catecholamine synthesis in the spleen of adult rats. *J Neuroimmunol* 2012; 251(1-2): 1-5.
Oblast: Neurosciences 116/252 IF 3.033 (2012)
6. Baralić I, Djordjević B, Dikić N, Kotur-Stevuljević J, Spasić S, Jelić-Ivanović Z, Radičević N, Anđelković M, **Pejić S**. Effect of astaxanthin supplementation on paraoxonase 1 activities and oxidative stress status in young soccer players. *Phytother Res* 2013; 27(10):1536-42. doi: 10.1002/ptr.4898
Oblast: Chemistry, Medicinal 32/59 IF 2.397 (2013)

RADOVI U MEĐUNARODNIM ČASOPISIMA (M23)

1. **Pejić S**, Kasapović J, Pajović SB. Effects of olive oil on superoxide dismutase activity in the brain of newborn and young female rats. *Physiol Res* 1999; 48(4):297-301.
Oblast: Physiology 40/76 IF 0.807 (1997)
2. Pajović SB, Joksić G, Kasapović J, **Pejić S**, Kanazir DT. Role of antioxidant enzymes in radiosensitivity of human blood cells. *J Environ Pathol Toxicol Oncol* 2000; 19(4):325-331. (2001: IF=3.281, priložen je e-mail editora iz 2001. na uvid; od 1987-2006 nema podataka za IF- Toxicology)
3. Kasapović J, Pajović SB, **Pejić S**, Martinović JV. Effects of estradiol benzoate and progesterone on superoxide dismutase activity in the thymus of rats. *Physiol Res* 2001; 50(1):97-103.
Oblast: Physiology 40/76 IF=1.366 (2000)

4. Kasapović J, **Pejić S**, Mladenović M, Radlović N, Pajović SB. Superoxide dismutase activity in colostrum, transitional and mature human milk. *Turk J Pediatr* 2005; 47: 343-347.
Oblast: Pediatrics 71/74 IF 0.312 (2004)
5. Filipović D, Kasapović J, Nićiforović A, **Pejić S**, Pajović SB, Radojčić MB. Superoxide dismutase activity in various fractions of full bovine milk. *Acta Alimentaria* 2005; 34:219-226.
Oblast: Nutrition and Dietetics 48/53 IF 0.274 (2005)
6. Todorović A, **Pejić S**, Kasapović J, Stojiljković V, Pajović SB, Kanazir DT. Regional differences in antioxidative response of rat brain after cranial irradiation. *Acta Physiol Hung* 2006; 93(4):341-346.
Oblast: Physiology 74/78 IF 0.453 (2007)
7. Kasapović J, **Pejić S**, Todorović A, Stojiljković V, Pajović SB. Antioxidant status and lipid peroxidation in the blood of breast cancer patients of different ages. *Cell Biochem Funct* 2008; 26(6):723-730. doi: 10.1002/cbf.1499
Oblast: Biochemistry & Molecular Biology 199/263
Cell Biology 125/155 IF 1.561 (2007)
8. Kasapović J, **Pejić S**, Todorović A, Stojiljković V, Radošević-Jelić L, Pajović SB. Antioxidant status in breast cancer patients of different ages after radiotherapy, *Arch Biol Sci* 2009; 61(1):23-28.
Oblast: Biology 73/76 IF 0.238 (2009)
9. Gavrilović L, Stojiljković V, Kasapović J, **Pejić S**, Todorović A, Pajović SB, Dronjak S. Chronic Physical Stress Changes Gene Expression of Catecholamine Biosynthetic Enzymes in the Adrenal Medulla of Adult Rats. *Acta Veterinaria (Beograd)* 2012; 62(2-3):151-169.
Oblast: Veterinary Sciences 115/142 IF 0.258 (2012)
10. Gavrilović L, Stojiljković V, Kasapović J, **Pejić S**, Todorović A, Pajović SB, Dronjak Slađana. Effects of acute stress on gene expression of splenic catecholamine biosynthetic enzymes in chronically stressed rats. *Arch Biol Sci* 2013; 65(1):183-189.
Oblast: Biology 71/85 IF 0.607 (2013)

RAD U ČASOPISU MEĐUNARODNOG ZNAČAJA VERIFIKOVANOG POSEBNOM ODLUKOM (M24)

1. **Pejić S**, Stojiljković V, Todorović A, Kasapović J, Pajović SB. Activity of manganese superoxide dismutase in rat brain exposed to acute, chronic, or combined stress. *Arch Biol Sci* 2007; 59(3):39P-40P. DOI:10.2298/ABS070339PP

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ODBRANJENA DOKTORSKA DISERTACIJA (M71)

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Prefrontal catecholaminergic turnover and antioxidant defense system of chronically stressed rats

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Effect of selected dietary compounds on extracellular superoxide dismutase in the vitreous of chinchillas

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[84878725051&doi=10.1159%2f000348731&partnerID=40&md5=75e0d7dd5ffb718544d94141ecd83f83](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878725051&doi=10.1159%2f000348731&partnerID=40&md5=75e0d7dd5ffb718544d94141ecd83f83)

DOI: 10.1159/000348731

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[374420-3.00156-X&partnerID=40&md5=3a80748e7dba63e0c89e695cc2449e21](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882867136&doi=10.1016%2fB978-0-12-374420-3.00156-X&partnerID=40&md5=3a80748e7dba63e0c89e695cc2449e21)

DOI: 10.1016/B978-0-12-374420-3.00156-X

РЕПУБЛИКА СРБИЈА



БИОЛОШКИ ФАКУЛТЕТ
УНИВЕРЗИТЕТА У БЕОГРАДУ

ДИПЛОМА

О СТЕЧЕНОМ НАУЧНОМ СТЕПЕНУ
ДОКТОРА НАУКА

ПЕЈИЋ (Анто) СНЕЖАНА

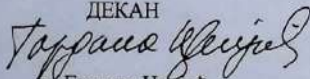
РОЂЕНА 2. МАРТА 1967. ГОДИНЕ У ОСИЈЕКУ, РЕПУБЛИКА ХРВАТСКА, ДАНА 24. ЈУНА 1999. ГОДИНЕ СТЕКЛА ЈЕ АКАДЕМСКИ НАЗИВ МАГИСТРА БИОЛОШКИХ НАУКА, А 27. ЈУЛА 2007. ГОДИНЕ ОДБРАНИЛА ЈЕ ДОКТОРСКУ ДИСЕРТАЦИЈУ НА БИОЛОШКОМ ФАКУЛТЕТУ ПОД НАЗИВОМ „УЛОГА АНТИОКСИДАТИВНОГ СТАТУСА КОД ПАЦИЈЕНТКИЊА СА ТРАНСФОРМИСАНИМ ЂЕЛИЈАМА ЕНДОМЕТРИЈУМА”.

НА ОСНОВУ ТОГА ИЗДАЈЕ ЈОЈ СЕ ОВА ДИПЛОМА О СТЕЧЕНОМ НАУЧНОМ СТЕПЕНУ

ДОКТОРА БИОЛОШКИХ НАУКА

Редни број из евиденције о издатим дипломама 12 596

У Београду, 26. марта 2008. године

ДЕКАН

др Гордана Цвијић

(М. П.)

РЕКТОР

др Бранко Ковачевић

Република Србија
**МИНИСТАРСТВО ПРОСВЕТЕ,
НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА**
Комисија за стицање научних звања

Број:660-01-00194/83

30.10.2013. године

Београд

На основу члана 22. става 2. члана 70. став 6. Закона о научноистраживачкој делатности ("Службени гласник Републике Србије", број 110/05 и 50/06 – исправка и 18/10), члана 2. става 1. и 2. тачке 1 – 4.(прилози) и члана 38. Правилника о поступку и начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача ("Службени гласник Републике Србије", број 38/08) и захтева који је поднео

Инстџиџуџи за нуклеарне науке "Винча" у Београду

Комисија за стицање научних звања на седници одржаној 30.10.2013. године, донела је

**ОДЛУКУ
О СТИЦАЊУ НАУЧНОГ ЗВАЊА**

Др Снежана Пејић

стиче научно звање

Виши научни сарадник

у области природно-математичких наука - биологија

О Б Р А З Л О Ж Е Њ Е

Инстџиџуџи за нуклеарне науке "Винча" у Београду

утврдио је предлог број 1021/7 од 18.04.2013. године на седници научног већа Института и поднео захтев Комисији за стицање научних звања број 1021/14 од 08.05.2013. године за доношење одлуке о испуњености услова за стицање научног звања ***Виши научни сарадник***.

Комисија за стицање научних звања је по предходно прибављеном позитивном мишљењу Матичног научног одбора за биологију на седници одржаној 30.10.2013. године разматрала захтев и утврдила да именована испуњава услове из члана 70. став 6. Закона о научноистраживачкој делатности ("Службени гласник Републике Србије", број 110/05 и 50/06 – исправка и 18/10), члана 2. става 1. и 2. тачке 1 – 4.(прилози) и члана 38. Правилника о поступку и начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача ("Службени гласник Републике Србије", број 38/08) за стицање научног звања ***Виши научни сарадник***, па је одлучила као у изреци ове одлуке.

Доношењем ове одлуке именована стиче сва права која јој на основу ње по закону припадају.

Одлуку доставити подносиоцу захтева, именованој и архиви Министарства просвете, науке и технолошког развоја у Београду.

ПРЕДСЕДНИК КОМИСИЈЕ

др Станислава Стошић-Грујичић,

научни саветник

С. Стошић-Грујичић





УНИВЕРЗИТЕТ У БЕОГРАДУ
БИОЛОШКИ ФАКУЛТЕТ

Студентски трг 16
11000 БЕОГРАД
Република СРБИЈА
Тел: +381 11 2186 635
Факс: +381 11 2638 500
Е-пошта: dekanat@bio.bg.ac.rs

15/561-14.09.2012.

На основу члана 128. Закона о високом образовању и члана 59. став 1. тачка 12. Статута Биолошког факултета Универзитета у Београду, Наставно-научно веће Факултета, на X редовној седници одржаној 14.09.2012. године, донело је

О Д Л У К У

Прихвата се Извештај Комисије за оцену испуњености услова и научне заснованости теме докторске дисертације кандидата:

Мр Ане У. Тодоровић, дипломираног биохемичара, под насловом:

„Експресија антиоксидативних ензима и транскрипционог фактора Nrf2 код пацијенткиња са бенигно, премалигно и малигно трансформисаним ендометријумом”.

За менторе се именују:

1. Др Снежана Пејић, научни сарадник, Универзитет у Београду- Институт за нуклеарне науке „Винча“;
2. Др Сениша Ђурашевић, ванредан професор, Универзитет у Београду- Биолошки факултет.

Декан Биолошког факултета
Проф. др Јелена Кнежевић- Вукчевић

Доставити:

- Универзитету у Београду,
- докторанту,
- ментору;
- Стручној служби Факултета.

319/1
11.02 11 год.

Евиденциони број уговора: 41027

На основу чл. 10, 97 и 98. Закона о научноистраживачкој делатности ("Службени гласник РС", бр. 110/05, 50/06-испр. и 18/10 - у даљем тексту: Закон), сагласно чл. 29 и 30. Акта о избору, вредновању и финансирању Програма суфинансирања интегралних и интердисциплинарних истраживања (Програм ИИИ) и Програма обезбеђивања и одржавања научноистраживачке опреме и простора за научноистраживачки рад (Програм НОП) за циклус истраживања у периоду 2011-2014. године број 451-01-967/2010-01 од 20. маја 2010. године (у даљем тексту: Акт), након поступка у складу са конкурсом за предлагање пројеката у оквиру финансирања Програма ИИИ и Програма НОП објављеним 23. маја 2010. године у дневном листу "Политика", а у складу са одлуком о финансирању број 401-00-9/2011-01 од 25. јануара 2011. године, уговорне стране:

- 1) РЕПУБЛИКА СРБИЈА - Министарство за науку и технолошки развој, Београд, Немањина 22-26, ПИБ 105002818, матични број: 17693794 (у даљем тексту: Министарство), које представља министар за науку и технолошки развој Божидар Ђелић (у даљем тексту: министар)
- 2) РЕАЛИЗАТОРИ ИСТРАЖИВАЊА - учесници у реализацији научноистраживачког пројекта:
 2. 1) Институт за нуклеарне науке 'Винча', ПИБ 101877940, матични број: 7035250, кога заступа др Јован Недељковић, директор
 2. 2) Медицински факултет у Београду, ПИБ 100221404, матични број: 7048157, кога заступа др Владимир Бумбаширевић, декан
 2. 3) Стоматолошки факултет у Београду, ПИБ 100125119, матични број: 07001991, кога заступа др Драгослав Стаменковић, декан
 2. 4) Факултет спорта и физичког васпитања у Београду, ПИБ 101014582, матични број: 07009283, кога заступа др Душан Митић, декан

закључују

УГОВОР
О РЕАЛИЗАЦИЈИ И ФИНАНСИРАЊУ НАУЧНОИСТРАЖИВАЧКОГ
ПРОЈЕКТА ИЗ ПРОГРАМА СУФИНАНСИРАЊА ИНТЕГРАЛНИХ И
ИНТЕРДИСЦИПЛИНАРНИХ ИСТРАЖИВАЊА И ПРОГРАМА
ОБЕЗБЕЂИВАЊА И ОДРЖАВАЊА НАУЧНОИСТРАЖИВАЧКЕ ОПРЕМЕ И
ПРОСТОРА ЗА НАУЧНОИСТРАЖИВАЧКИ РАД
ЗА ЦИКЛУС ИСТРАЖИВАЊА У ПЕРИОДУ 2011-2014. ГОДИНЕ

Члан 1.

Овим уговором се уређују међусобна права и обавезе уговорних страна и руководиоца пројекта у реализацији и финансирању научноистраживачког пројекта (у даљем тексту: Пројекат) у складу са Законом и Актом:

Наслов: Ђелијске и молекулске основе малигних и кардиоваскуларних обољења-клиничке импликације;
Евиденциони број: 41027;

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Руководилац пројекта: Др Снежана Пејић, научни сарадник;
Реализатор истраживања у коме је запослен руководилац:
Институт за нуклеарне науке Винча.

Пројекат се састоји од 3 подпројеката, и то:

- Подпројекат 1 : "Молекулске основе антиоксидативне одбране: механизми регулације и улога у физиолошким и патогенетским процесима", чији је руководилац Снежана Пејић, научни сарадник
- Подпројекат 2 : "Целуларне и молекуске основе етиолошких и патогенетских механизма немалигних и малигних обољења уринарног тракта", чији је руководилац Гордана Баста-Јовановић, редовни професор
- Подпројекат 3 : "Молекуларни механизми атерогенезе.", чији је руководилац Љубица Гавриловић, истраживач сарадник

I Финансирање пројекта

Члан 2.

Министарство финансира Пројекат сагласно расположивим средствима буџета Републике Србије и других извора, у складу са законом.

Овим уговором утврђује се износ и структура буџета Пројекта.

Буџет Пројекта обухвата:

- 2.1 Накнаде за рад истраживача, односно сарадника ангажованих на Пројекту (у даљем тексту: истраживач) у бруто износу, одређене множењем одобрених истраживач-месеци за сваког истраживача, са одговарајућом ценом истраживач-месеца;
- 2.2 Директне материјалне трошкове:
 - директне материјалне трошкове I (у даљем тексту: ДМТ I) попут трошкова електричне енергије, воде, грејања, комуналних трошкова и других.
 - директне материјалне трошкове II (у даљем тексту: ДМТ II) за реализацију научноистраживачког рада попут потрошног материјала, ситне опреме, трошкова путовања, дисеминације резултата и других.
- 2.3 Трошкове обезбеђивања и одржавања научноистраживачке опреме и простора за научноистраживачки рад.

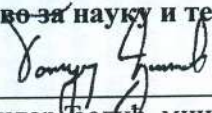
Члан 3.

Саставни делови овог уговора су следећи прилози:

- Прилог 1.** Опис, очекивани кључни резултати и значај истраживања Пројекта, програм са динамиком и планом рада, планираним резултатима и роковима реализације за прву годину истраживања, као и за цео период одобрен за реализацију;
- Прилог 2.** Цене истраживач-месеци у складу са категоријом и звањем истраживача, односно сарадника из члана 69. Закона кога су Реализатори истраживања ангажовали у складу са Законом и чл. 22-24. Акта. Министарство може мењати висину цене истраживач-месеци у току трајања Пројекта, у складу са буџетским средствима расположивим за ту намену;

УГОВОРНЕ СТРАНЕ:

1) за Министарство за науку и технолошки развој



Бождар Белић, министар



2) РЕАЛИЗАТОРИ ИСТРАЖИВАЊА:

Реализатор истраживања

2. 1) Институт за нуклеарне науке 'Винча'
2. 2) Медицински факултет у Београду
2. 3) Стоматолошки факултет у Београду
2. 4) Факултет спорта и физичког васпитања у Београду

Потпис директора / декана



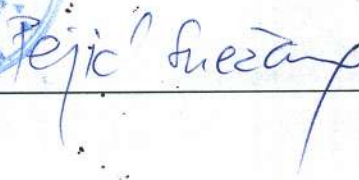







РУКОВОДИЛАЦ Пројекта

Др Снежана Пејић, научни сарадник





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ВЛАДА РЕПУБЛИКЕ СРБИЈЕ
Министарство за науку
и технолошки развој

ПРИЛОГ 1
Опис, очекивани кључни резултати и значај истраживања
Пројекта, програм са динамиком и планом рада,
планираним резултатима и роковима реализације за прву годину
истраживања,
као и за цео период одобрен за реализацију

Уговорни период: 01.01.2011. - 31.12.2014
Уговор пројекта ЕВБ: 41027

Опис пројекта

ОСНОВА ИСТРАЖИВАЊА Бенигне и малигне промене, као и настанак кардиоваскуларних болести, развијају се кроз дуготрајан процес у коме се генетске и епигенетске промене акумулирају и интерагују, изазивајући раст тумора и коронарну атеротромбозу. Ови процеси могу бити иницирани и вођени егзогеним (хемијски, физички, биолошки, психогени) и ендогеним (хормони, неуротрансмитери, интерлеукини и др.) узроцима. Повећан оксидативни стрес и нарушавање антиоксидативне равнотеже уз измењену транскрипциону контролу АО ензима има изузетно важну улогу у индивидуалном ризику за настанак ових обољења. Разумевање молекуларних путева регулације ових гена треба да омогући увид у различите клиничке правце и одговор на третман, као и основу за развој молекуларних терапијских стратегија специфичних за одређену болест. Због више модел система на којима се изучавају ови процеси, пројекат је подељен на потпројекте и задатке. **ПОТПРОЈЕКАТ 1- МОЛЕКУЛСКЕ ОСНОВЕ АНТИОКСИДАТИВНЕ ОДБРАНЕ: МЕХАНИЗМИ РЕГУЛАЦИЈЕ И УЛОГА У ФИЗИОЛОШКИМ И ПАТОГЕНЕТСКИМ ПРОЦЕСИМА (РУКОВОДИЛАЦ: ДР С. ПЕЈИЋ)**

ЗАДАТАК 1 (ВОДИ: ДР Ј. КАСАПОВИЋ) Ова ипитувања треба да објасне какав ефекат на оксидативна оштећења и АО одбрамбени капацитет у крви има јонизујуће *in vitro* озрачивање крви дозама које се користе у куративној и палијативној радиотерапији канцера дојке, као и утицај старосне доби на поменуте ефекте. Она ће обухватити одређивање концентрације LOOH, као маркера оксидативних оштећења; активности АО ензима: CuZnSOD, CAT, GPx, GR; концентрације GSH; као и релативног нивоа CuZnSOD протеина. С обзиром да изражени нежељени ефекти радиотерапије на околно здраво ткиво често спречавају комплетирање терапијског протокола и у великој мери одређују квалитет живота након терапије, процена оксидативних оштећења и АО одбрамбеног капацитета здравих ткива у одговору на терапијске дозе зрачења, као и њихова зависност од старости, може допринети развоју успешнијих радиопротективних стратегија у терапији карцинома дојке. **ЗАДАТАК 2 (ВОДИ: ДР В. СТОЈИЉКОВИЋ)** Ово истраживање објашњава значај АО статуса и улогу реактивних врста кисеоника (ROS) у патогенези целијачне болести и Н. рулогу гастритиса код деце са поменутим обољењима; пошто оваква врста ћелијских трансформација доводи и до појаве канцера. Одређиваће се концентрација липидних пероксида (LOOH) као маркера оксидативних оштећења, активности АО ензима MnSOD, CuZnSOD, CAT, GPx, GR, концентрација GSH, као и релативни ниво CuZnSOD протеина у еритроцитима и слузокожи танког црева и желуца пацијената. **ЗАДАТАК 3 (ВОДИ: ДР С. ПЕЈИЋ)** Подаци указују да постоје одређене молекуларне карактеристике које одликују типове и степене ендометријалног канцера, али молекуларни механизми који чине основу ендометријалне канцерогенезе и ендокринологија ендометријалног канцера још увек су нејасни. У крви и ендометријуму пацијенткиња са полипом, миомом, хиперплазијом и аденокарциномом, испитаће се: а) корелација између потенцијалних фактора ризика и АО статуса; б) утицај полних хормона на модулацију АО статуса у менструалном циклусу и постменопаузи код испитиваних пацијенткиња в) транскрипциона регулација АО ензима Nrf2 фактором. Поред одређивања активности АО ензима, одредиће се количина протеина (електорофореза и Western blot), као и генска експресија испитиваних параметара (real time PCR) **ПОТПРОЈЕКАТ 2: ЦЕЛУЛАРНЕ И МОЛЕКУЛСКЕ ОСНОВЕ ЕТИОЛОШКИХ И ПАТОГЕНЕТСКИХ МЕХАНИЗАМА НЕМАЛИГНИХ И МАЛИГНИХ ОБОЉЕЊА УРИНАРНОГ ТРАКТА (РУКОВОДИЛАЦ: ПРОФ. ДР Г. БАСТА-ЈОВАНОВИЋ)** Узорци крви и ткива бубрега у немалигним и малигним обољењима уринарног тракта анализираће се имунохистохемијски и RT-PCR методом, уз прикупљање парафинских калупа и систематизацију доступних клиничких података. У случају тумора, посебно ће се груписати бенигни тумори прелазног епитела, а

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посебно малигни. У оквиру сваке групе тумора, посебно ће се одвојити тумори по анатомским локализацијама (мокраћна бешика, уретер, пијелон, уретра). По постављању патохистолошке дијагнозе, систематизоваће се морфолошки подаци. На добијеном материјалу (крв и свеже ткиво), али и на ткиву из парафинских калупа, PCR методом, анализираће се гени ћелијске адхезије (алфа, бета и гама катенини), апоптозе (про и антиапоптозици) и ћелијског циклуса (циклини А, Е, В; инхибитори p16, p21, p57) и на тај начин идентификовати гени за које смо на основу резултата претходног истраживања претпоставили да имају важну улогу у настанку и прогресији тумора, али и немалигних обољења уринарног тракта. Поред тога, испитаће се и активност и експресија АО ензима: SOD, CAT, GPx, GR, као и Nrf2 транскрипционог фактора (електорофореза, Western blot, real time PCR).

ПОТПРОЈЕКАТ 3 - МОЛЕКУЛАРНИ МЕХАНИЗМИ АТЕРОГЕНЕЗЕ (РУКОВОДИЛАЦ: ДР Љ. ГАВРИЛОВИЋ) Оксидативни стрес представља један од кључних фактора који се налази у основи коронарне атеротромбозе. Стога, овај део истраживања бави се: анализом активности и експресије гена за АО ензиме и њиховом транскрипционом регулацијом (Nrf2 фактор), као и експресијом гена за ензиме који учествују у биосинтези катехоламина код пацијената са стабилном коронарном болешћу и пацијената са акутним коронарним синдромом, у поређењу са здравим особама. Испитивани параметри биће одређени у аспиранту тромба инфарктне артерије, у крви контралатералне коронарне артерије и у периферној венској крви (активност ензима, електорофореза, Western blot, real time PCR).

Очекивани кључни резултати

ПОТПРОЈЕКАТ 1 1. Очекује се да промена оксидативног/антиоксидативног статуса у крви под деловањем *in vitro* озрачивања крви буде различита код здравих жена и пацијенткиња са канцером дојке, као и да је потенцијално зависна од њихове старосне доби. 2. Очекује се смањење концентрације GSH, као и активности GPx и GR у слузокожи танког црева и еритроцитима деце са целијачном болешћу, чиме би се објаснио повећан ниво липидне пероксидације код ових пацијената. Очекују се и корелације између испитиваних параметара и степена хистолошких лезија, што би допринело побољшању предикционих, превентивних и дијагностичких приступа у клиничкој пракси. 3. У пацијенткиња са бенигним и малигним обољењима ендометријума, очекује се: а) утврђивање фактора ризика који знатно мењају АО статус; б) утврђивање степена модулације АО статуса полним хормонима и повезаности овог утицаја са настанком обољења в) утврђивање промена у транскрипционој регулацији АО ензима Nrf2 фактором



ПОТПРОЈЕКАТ 2 Мутације гена који су укључени у наведене процесе одговорне су за осетљивост ћелија тумора на хемиотерапију, па налаз ове генетске студије може објаснити зашто неки пацијенти са транзициоцелуларним карциномом (ТСС) имају необјашњиво слаб одговор на хемиотерапију, док је код других одговор неочекивано добар. Тиме би се знатно унапредио терапијски протокол пацијената са овим туморима. Расветљавањем генетског статуса ТСС, омогућила би се још прецизнија хистопатолошка класификација. Ова студија може дати одговор да ли су мутације гена наведених процеса укључене у способност карцинома прелазног епитела ка рецидивирању и метастазирању. Генетском потврдом добијених налаза у претходном истраживању знатно би се олакшала, али и побољшала патохистолошка и молекуларна дијагностика тумора уринарног тракта. Осим тога, ми смо једно од ретких подручја у којима се јавља ТСС у склопу обољења Балканске ендемске нефропатије (ВЕН) чије испитивање генетским методама на овим просторима има огроман значај и даје одговор на питања која се постављају деценијама. Очекујемо да је управо у генетској основи одговор на варијабилности које постоје између транзициоцелуларног карцинома који се развија код болесника који нису из подручја ВЕН и оног који се развија код оболелих од ВЕН-а.

ПОТПРОЈЕКАТ 3 Код пацијената са коронарним обољењима очекује се детекција измењених АО параметара (ензимска активност, експресија) и повећан оксидативни стрес, али обим ових промена тек треба утврдити. Пошто је Nrf2 главни транскрипциони фактор за серију АО ензима и активира се нарушавањем редокс равнотеже услед деловања различитих ендогених и егзогених фактора, корелација ових промена са клиничким параметрима могла би показати који од параметара има најснажније дејство на нарушавање ове равнотеже. Очекује се и утврђивање експресије гена за ензиме који учествују у биосинтези катехоламина.

Значај истраживања

ПОТПРОЈЕКАТ 1 1. Процена оксидативних оштећења и АО капацитета здравих ткива у одговору на терапијске дозе зрачења, као и њихова

RE: Molba za evaluaciju bilateralnog projekta sa Italijom

From Svetlana Bogdanovic 
To 'snezana' 
Date Mon 14:07

Attachments

- **engl opsti deo.pdf (~136 KB)**Show options
- **engl project description.pdf (~144 KB)**Show options
- **srps opsti deo.pdf (~152 KB)**Show options
- **srpski opis projekta.pdf (~169 KB)**Show options
- **MPNTR_Formular za evaluaciju_Italija.docx (~37 KB)**Show options

[Download all attachments](#)

Message Body

Poštovana dr Pejić
Hvala na odgovoru. Nadam se da ćete stići da uradite recenziju do 1. oktobra 2018.
U prilogu Vam šaljem formular za evaluaciju i predlog projekta.
Srdačno,
Svetlana Bogdanović

-----Original Message-----

From: snezana [mailto:snezana@vin.bg.ac.rs]
Sent: 17. septembar 2018 13:59
To: Svetlana Bogdanović <svetlana.bogdanovic@mpn.gov.rs>
Subject: Re: Molba za evaluaciju bilateralnog projekta sa Italijom

Poštovana Svetlana,

hvala Vam na mejlu. Vrlo rado ću se odazvati pozivu.
Srdačan pozdrav,
Snežana Pejić

On 2018-09-17 13:53, Svetlana Bogdanović wrote:
Poštovana dr Pejić,

Obraćam Vam se

Потврда о сарадњи у оквиру пројекта

Потврђујем да је др Снежана Пејић, виши научни сарадник Института за нуклеарне науке „Винча“ учествовала у реализацији анализе утицаја генетских полиморфизама цитохрома (*CYP2C19* и *CYP2D6*) на ризик од кардиоваскуларних нежељених дејстава лекова. Потврду издајем као руководицац пројекта Министарства науке Црне Горе под називом: „Анализа фактора ризика за настанак нежељених дејстава лекова код кардиолошких болесника“ чији је носилац била Агенција за лекове и медицинска средства Црне Горе (ЦАЛИМС) у периоду од 01.06.2013. до 31.08.2015.


Проф. др Зоран Тодоровић

Prof. dr scd
Todorović dr Zoran



Crna Gora

Ministarstvo nauke



Crna Gora

Ministarstvo zdravlja

Broj: 01-907
Podgorica, 13. maj 2013. godine

Broj: 01-543/3-2013
Podgorica, 15.05. 2013. godine

Na osnovu člana 196 stav 1 Zakona o opštem upravnom postupku („Službeni list RCG“, broj 60/03 i „Službeni list CG“, broj 32/11), a rješavajući po zahtjevu rukovodioca naučnoistraživačkog projekta prof. dr sci. Zorana Todorovića od 09.04.2013. godine, uz Saglasnost Agencije za lijekove i medicinska sredstva u Podgorici, broj 3020-1784 od 09. aprila 2013. godine, Ministarstvo nauke i Ministarstvo zdravlja donose

RJEŠENJE

I **PRIHVATA SE** izmjena Nosioca naučnog istraživanja za naučnoistraživački projekat:

**ANALIZA FAKTORA RIZIKA ZA NASTANAK NEŽELJENIH DEJSTAVA LJEKOVA
KOD KARDIOLOŠKIH BOLESNIKA**

čiji je rukovodilac prof. dr sci. Zoran Todorović, a ugovoreni rok od 01. 09. 2012. do 31. 08. 2015. godine

koji je odobren za finansiranje i ugovaranje u 2012. godini Rješenjem Ministarstva nauke i Ministarstva zdravlja br. 01-405 i 01-2013 od 07. 06. 2012. godine, a koji se realizovao na Univerzitetu Crne Gore - Medicinskom fakultetu u Podgorici i odobrava se realizacija daljeg istraživanja na navedenom projektu u Agenciji za lijekove i medicinska sredstva u Podgorici, počev od 01. 06. 2013. godine.

II Obavezuje se Univerzitet Crne Gore - Medicinski fakultet u Podgorici da sredstva u iznosu od 16.227,16 € koja nijesu potrošena za istraživanja u prvoj istraživačkoj godini, a uplaćena su od strane Ministarstva nauke i Ministarstva zdravlja za realizaciju istraživanja za ovaj projekat, uplati najkasnije do 01. 07. 2013. godine na račun Agencije za lijekove i medicinska sredstva u Podgorici.

III Sredstva za realizaciju druge istraživačke godine na projektu iz tačke I ovog rješenja opredijeliće se nakon usvajanja Izvještaja o radu za prvu istraživačku godinu i Programa rada za drugu istraživačku godinu.

IV Ovim Rješenjem stavlja se van snage tačka I projekat pod rednim brojem 6. Rješenja Ministarstva nauke i Ministarstva zdravlja o ugovaranju i finansiranju projekata sa Univerzitetom Crne Gore – Medicinskim fakultetom u Podgorici, br. 01-405 i 01-2013 od 07. juna 2012. godine, Ugovor o realizaciji istraživanja br. 01-1370 i 01-1999 od 07. juna 2012. godine, kao i Anex ugovora broj 01-2325 od 02. oktobra 2012. godine.

V Ministarstvo nauke i Ministarstvo zdravlja, Nosilac naučnog istraživanja i rukovodilac istraživanja, zaključiće ugovor za projekat iz tačke I ovog Rješenja, kojim će se regulisati međusobna prava i obaveze po pitanju realizacije istraživanja, sa ugovornim rokom od 01. juna 2013. do 31.08.2015. godine.



- VI Ovo Rješenje realizovaće finansijska služba Ministarstva nauke.
- VII Ovo Rješenje je konačno u upravnom postupku.

Obrazloženje

Rukovodilac projekta iz tačke I dispozitiva ovog Rješenja, prof. dr sci. Zoran Todorović, uz Saglasnost Agencije za lijekove i medicinska sredstva u Podgorici, broj 3020-1784 od 09. aprila 2013. godine, obratio se Ministarstvu nauke sa zahtjevom, od 09.04.2013. godine, da se za predmetni projekat prihvati da Nosilac naučnog istraživanja, bude Agencija za lijekove i medicinska sredstva u Podgorici, umjesto Univerziteta Crne Gore - Medicinskog fakulteta u Podgorici.

Uvažavajući činjenicu da je Agencija za lijekove i medicinska sredstva u Podgorici licencirana naučnoistraživačka ustanova i da stoga ispunjava uslove za realizaciju predmetnog istraživanja, Ministarstva su usvojila zahtjev rukovodioca projekta prof. dr sci. Zorana Todorovića i prihvatila ugovaranje i finansiranje navedenog projekta sa Agencijom za lijekove i medicinska sredstva u Podgorici.

Obavezuje se Univerzitet Crne Gore - Medicinski fakultet u Podgorici da sredstva u iznosu od 16.227,16 € koja nijesu potrošena za istraživanja u prvoj istraživačkoj godini, a uplaćena su od strane Ministarstva nauke i Ministarstva zdravlja za realizaciju istraživanja za ovaj projekat, uplati najkasnije do 01. 07. 2013. godine na račun Agencije za lijekove i medicinska sredstva u Podgorici.

Sredstva za drugu istraživačku godinu opredijeliće se nakon usvajanja Izvještaja o radu za I istraživačku godinu i Programa rada za drugu istraživačku godinu.

Ovim Rješenjem stavlja se van snage tačka I projekat pod rednim brojem 6. Rješenja Ministarstva nauke i Ministarstva zdravlja o ugovaranju i finansiranju projekata sa Univerzitetom Crne Gore – Medicinskim fakultetom u Podgorici, br. 01-405 i 01-2013 od 07. 06. 2012. godine, Ugovor o realizaciji istraživanja br. 01-1370 i 01-1999 od 07. juna 2012. godine, kao i Anex ugovora broj 01-2325 02. oktobra 2012. godine.

Ministarstvo nauke i Ministarstvo zdravlja, Nosilac naučnog istraživanja i rukovodilac istraživanja, zaključiće ugovor za projekat iz tačke I ovog Rješenja, kojim će se regulisati međusobna prava i obaveze po pitanju realizacije istraživanja, sa ugovornim rokom od 01. juna 2013. do 31.08.2015. godine.

Rješenje će realizovati finansijska služba Ministarstva nauke.

Ovo rješenje je konačno u upravnom postupku.

Na osnovu iznijetog riješeno je kao u dispozitivu Rješenja.

Protiv ovog rješenja Nosilac naučnog istraživanja – Agencija za lijekove i medicinska sredstva u Podgorici može pokrenuti upravni spor tužbom pred Upravnim sudom Crne Gore, u roku od 30 dana od dana dobijanja rješenja.

Dostavljeno:

- Nosiocu naučnog istraživanja,
- U dosije projekata,
- Finansijskoj službi Ministarstva i
- a/a.

MINISTAR NAUKE

Prof. dr Sanja Vlahović



MINISTAR ZDRAVLJA

Prof. dr sci. Miodrag Radunović

Potvrda o učešću na projektu multilateralne saradnje zemalja Dunavske regije

Ovim potvrđujem da dr Snežana Pejić, viši naučni saradnik Instituta za nuklearne nauke „Vinča“, učestvuje na projektu multilateralne saradnje zemalja Dunavske regije pod nazivom: „Dunav upoznaje omiku“ (*Danube meets omics*, DANOMICS), ev. br. Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije, **DS_052**, između Medicinskog Univerziteta u Beču (**Austrija**), rukovodilac prof. dr Goran Mitulović, Centra za biomedicinu Češke Akademije Nauka u Pragu (**Republika Češka**), rukovodilac sa češke strane prof. dr Vladimir Havliček, Slovačke Akademije Nauka u Bratislavi (**Republika Slovačka**), rukovodilac sa slovačke strane prof. dr Ludovit Skultety i Instituta za nuklearne nauke „Vinča“, Beograd (**Republika Srbija**), rukovodilac sa srpske strane dr Marijana Petković. Projekat traje 2017.i 2018. godine i obuhvata seriju obuka iz proteomike i dogovora o zajedničkoj saradnji u oblasti biohemije i medicine.

Beogradu, 19.02.2018.



Dr Marijana Petković, naučni savetnik
Rukovodilac projekta DANOMICS iz Srbije

На основу Програма за финансирање мултилатералне научне и технолошке сарадње у Дунавском региону из Програма међународне научне сарадње од значаја за Републику Србију, потписаног 15. јула 2016. године, а на који је Влада Републике Србије дала сагласност Закључком бр. 48-6513/2016 од 15. јула 2016. године, сагласно чл. 10, 104 став 1, 106 и 107 Закона о научноистраживачкој делатности („Службени гласник РС“, бр. 110/05, 50/06, 18/10 и 112/15), и Одлуком број: : 451-03-871/2017-09 од 1.03.2017. године, а у вези са финансирањем реализације одобрених пројеката пријављених на Позив за предлоге пројеката научне и технолошке сарадње у дунавском региону за 2017-2018. годину, објављеног на сајту Министарства просвете, науке и технолошког развоја у периоду од 15. јула до 30. септембра 2016. године, уговорне стране:

1. **Република Србија**-Министарство просвете, науке и технолошког развоја Београд, Немањина 22-26, ПИБ 102199748, матични број: 17329235 (у даљем тексту: Министарство),
2. **Носилац реализације пројекта у Србији** - Институт за нуклеарне науке "Винча", П.О. 522, Београд, 101877940, матични број: 7035250, (у даљем тексту: Носилац реализације)
3. **Руководилац пројекта** - Маријана Петковић, Институт за нуклеарне науке "Винча", (у даљем тексту: Руководилац Пројекта),

закључују

УГОВОР

о финансирању ДС 052 из Програма међународне научне сарадње од значаја за Републику - Програм за финансирање мултилатералне научне и технолошке сарадње у Дунавском региону

Члан 1.

Овим уговором утврђују се међусобна права и обавезе уговорних страна везано за начин и динамику реализације и услове финансирања буџетским средствима пројекта: „Дунав упознаје омику, ДАНОМИКА“ (у даљем тексту: Пројекат ДС 052), одобреног под евиденционим бројем Пријаве предлога пројекта поднетог Министарству: 337-00-00136/2016-09/08.

Финансирање реализације пројекта ДС 052 је одобрено у трајању од укупно 24 месеца, а по овом уговору се финансира у првој години реализације (за период од 01.01.2017. до 31.12.2017. године).

Уколико буду остварени кључни резултати планирани за реализацију пројекта ДС 052 у првој години, примену овог уговора у наредној години реализације пројекта пратиће одговарајуће усаглашавање садржине Прилога 2.

Пројекат се спроводи кроз размену истраживача и информација са учесницима из осталих земаља дунавског региона на пројекту ДС 052.

Члан 2.

Пројекат се финансира од стране Министарства под условима:

2.1. Да је цена Пројекта ДС 052 утврђена овим уговором као фиксни износ од 937.500,00 динара, као збир динарске противвредности путних трошкова, трошкова

смештаја и трошкова здравственог осигурања српских истраживача ангажованих на пројекту ДС 052 у периоду од 1.01.2017. године до 31.12.2018. године.

2.2. Износ буџетских средстава се у оквиру цене пројекта ДС 052 утврђује се као збир накнаде за:

2.2.1. **део путних трошкова** искључиво у земље учеснице на пројекту ДС 052, укључујући трошкове здравственог осигурања: и то до максимално 300 евра у динарској противвредности - по путовању за српске истраживаче који путују у једну од наведених земаља.

2.2.2. **део трошкова смештаја:** и то до 90 евра у динарској противвредности по дану за српске истраживаче који путују у једну од земаља учесница на пројекту ДС 052 до 14 дана или 1.000 евра у динарској противвредности месечно за дугорочне посете између 15 дана и 3 месеца (максимално).

2.3. Да је директни корисник бесповратних буџетских средстава регистрована организација- Носилац реализације пројекта из члана 104. Закона;

2.4. Да истраживачи наведени у српском пројектном тиму, (Прилог 1) могу бити финансирани буџетским средствима на основу овог Уговора искључиво за потребе службених путовања ради реализације пројекта ДС 052

2.5. Да су саставни део овог Уговора:

2.6.1. Листа чланова пројектног тима (Прилог 1);

2.6.2. План активности (Прилог 2);

2.6.3. План посета српских истраживача (Прилог 3);

2.6.4. Очекивани резултати и додата вредност кроз остварену сарадњу на пројекту ДС 052, (Прилог 4).

Члан 3.

Средства из члана 2.1. овог Уговора Министарство уплаћује на рачун Носиоца реализације пројекта ДС 052.

Исплате буџетских средстава из става 1. се врше у две једнаке рате, прва рата у 2017. и друга рата у 2018. години, од по 468.750,00 динара.

У 2017. години средстава се уплаћују на рачун Носиоца реализације пројекта ДС 052 по потписивању овог уговора, а у складу са ликвидним могућностима буџета Републике Србије – раздео Министарства.

У 2018. години средстава се уплаћују на рачун Носиоца реализације пројекта ДС 052, по оцени примљеног годишњег извештаја о реализацији пројекта и потписивању Анекса уговора.

Члан 4.

Носилац реализације пројекта и Руководилац пројекта се обавезују:

4.1. Да сагласно утврђују оправдану потребу за промену у пројектном тиму пројекта ДС 052, о којој Министарство писмено обавештава Руководилац пројекта, која промена се улаже у Прилог 1 овог Уговора – Листа чланова пројектног тима.

4.2. Да заједнички сачине и потпишу, а Носилац реализације Министарству достави, за сваку пројектну годину:

4.2.1. најкасније 15 дана од истека годишњег периода, писмене **годишње** извештаје о току реализације Пројекта ДС 052;

4.2.3. најкасније 30 дана од истека укупног пројектног периода реализације, писмени **обједињени завршни** извештај на енглеском језику о току реализације пројекта ДС 052;

4.2.4. Да заједничке истраживачке публикације садрже напомену о подршци одговарајућих агенција за финансирање/министарстава земаља учесница у пројекту ДС 052

Саставни део извештаја из тачке 4.2. чине:

- потпуна и ажурна финансијска документација о наменском трошењу средстава којима се пројекат ДС 052 финансира,
- писмени налози Руководиоца пројекта за свако појединачно располагање буџетским средствима, и
- техничко-технолошки извештај о реализованим активности у складу с овим уговором, предметом, садржајем, циљем и планом реализације из Прилога 2. и 3, као и преглед постигнутих резултата;

4.3. Уколико годишњи извештај не прими у року, или примљени извештаји нису сачињени у складу са овим Уговором, Министарство обуставља даље финансирање и покреће поступак повраћаја уплаћених буџетских средстава, односно поступа у складу са ставом 2. члана 6. овог Уговора;

4.4. Да Министарству доставе тражене извештаје-информације, односно омогуће непосредан увид у начин и динамику реализације пројекта у року и на начин који одреди Министарство;

Руководилац пројекта, поред обавеза из става 1. овог члана, има обавезе да:

- непосредно координира активности реализације пројекта ДС 052;
- издаје писмени налог, односно сагласност за распоред укупног износа средстава обезбеђених за реализацију пројекта ДС 052, која писмена су саставни део документације која се прилаже уз извештаје из става 1. овог члана;
- својим потписом потврђује тачност информација у годишњим и завршном извештају;

Члан 5.

У циљу обезбеђења правилног и благовременог извршења уговорених активности, Носилац реализације пројекта се обавезује:

5.1. Да садржаје из Прилога 1,2,3 и 4 односно своје обавезе у реализацији пројекта ДС 052, прихвати у складу са садржином овог Уговора чији је потписник;

5.2. Да се редовно консултује и потпуно информише о свим аспектима везаним за напредовање реализације пројекта ДС 052;

5.3. Да учествује у изради годишњих и завршног извештаја (техничко-технолошких и финансијских) који се достављају Министарству;

5.4. Да сугестије и предлоге за значајније измене у неком сегменту реализације пројекта (нпр. активности, истраживача, итд.) усклади пре него што се исти, преко Руководиоца Пројекта, доставе Министарству.

Члан 6.

Из поступка за финансирање пројекта ДС 052 буџетским средствима може се искључити Носилац реализације пројекта код које се утврди:

6.1. Да у првој години реализације није започео активности на пројекту ДС 052;

6.2. Да је у стечајном поступку или процесу затварања, ако се против ње води судски спор, или је ушла у споразум с кредиторима, ако им је суспендовано пословање, или су у процесу суспензије односно у било којој сличној ситуацији због које се доводи, или може довести у питање испуњавање обавеза које се односе на реализацију пројекта ДС 052;

6.3. Да правно лице – Носилац реализације пројекта или физичка лица која је ангажовао на пројекту ДС 052 подлежу сукобу интереса у вези са коришћењем буџетских средстава;

6.4. Да су, правно лице – Носилац реализације и/или физичко лице које је ангажовао у пројектном тиму пројекта ДС 052, одговорни за недавање или давање погрешних информација које се достављају Министарству у складу са овим Уговором;

6.5. Да није омогућила, или је спречила да се Министарству доставе благовремени и потпуни извештаји и документација из члана 4. овог Уговора.

У случајевима из става 1. овог члана, као и другим случајевима утврђених драстичних повреда или злоупотреба обавеза преузетих овим Уговором, Министарство доноси одлуку о искључењу из учествовања у овом, али и у пројектном финансирању из буџетских средстава односног правног и/или физичког лица у трајању од две године од дана када се установи да је дошло до извршења наведених повреда. Министарство у тим случајевима може раскинути овај Уговор, уколико у року од пет дана од достављеног писменог упозорења, не отклоне сметње које доводе у питање успешну реализацију пројекта ДС 052 Министарство задржава право да захтева повраћај уплаћених буџетских средстава, уз припадајућу затезну камату.

Члан 7.

У вези са Програмом за финансирање мултилатералне научне и технолошке сарадње у Дунавском региону, Носилац реализације пројекта се обавезује да уреди експлоатацију, могућу регистрацију патента и објављивање резултата пројекта ДС 052 у складу са националним законодавством и споразумом са партнерским организација на пројекту ДС 052 као и да настоји на истраживачи из сваке земље учеснице предузму одговарајуће кораке како би осигурали заштиту и поделу интелектуалне својине која би могла проистећи из заједничког пројекта.

Члан 8.

На питања које није уредио овај Уговор, примењују се одредбе Закона о облигационим односима.


Овај Уговор је сачињен у 5 (пет) истоветних примерака, од којих су три за Министарство, а по један за Носиоца реализације пројекта и за Руководиоца Пројекта.

У Београду, 8.03. 2017.године


Евиденциони број уговора: : 451-03-872/2017-09/09

УГОВОРНЕ СТРАНЕ:

1. за Републику Србију-Министарство просвете, науке и технолошког развоја


Младен Шарчевић, министар

2. за Институт за нуклеарне науке "Винча"


Др Борислав Грубор, директор

3. Руководилац Пројекта


Маријана Петковић



Наш знак:

Друштво истраживача Винча (ДИВ)

Матични бр. 28109130
ПИБ 108003301

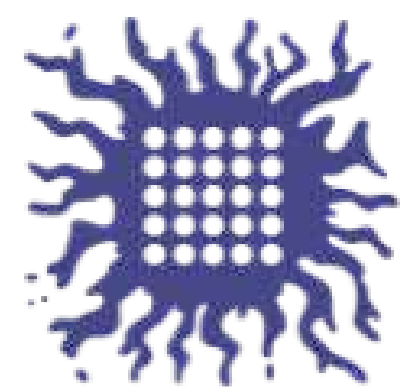
Мике Петровића Аласа 12-14
11306 Гроцка, Београд
Телефон: +381 11 744 36 19
064 128 11 41

Београд, Винча, 16.04.18

**Potvrda o učešću u aktivnostima koje realizuje
Друштво истраживача Винча**

Ovim potvrđujem da je **dr Snežana Pejić** u okviru projekata koje realizuje Друштво истраживача Винча, učestvovala u aktivnostima popularizacije i promocije nauke, naučnih radnika i Instituta za nuklearne nauke „Vinča“, Univerziteta u Beogradu, kao prezenter/demonstrator, kao i koordinator radionice: „Antioksidativni enzimi u patološkim procesima“.


dr Dunja Drakulić
predsednica Друштва истраживача Винча



Antioksidativni enzimi u patološkim procesima

Marko Kojić, Jelena Ljubičić, Marija Nedeljković, Jovana Ćurčić, Jovana Todorov

Koordinatori: Snežana Pejić, Ivan Pavlović
Laboratorija za molekularnu biologiju i endokrinologiju



Uvod

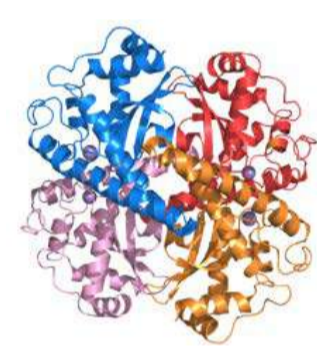
Oksidativni stres predstavlja neravnotežu između oksidanata i antioksidanata u korist oksidanata. Reakcije koje se odnose na oksidativni stres uključuju molekule poznate kao slobodni radikali u koje spadaju reaktivne vrste kiseonika (ROS) i reaktivne vrste azota (RNS).

Potencijalno štetno dejstvo oksidanata neutrališe se antioksidativnom sistemom (AOS) koji se sastoji iz: 1) neenzimskih antioksidanata: vitamin E, vitamin A, vitamin C, glutation (GSH), cistein, cisteamin; proteini telesnih tečnosti: albumin, laktoferin, transferin, ceruloplazmin i 2) antioksidativnih (AO) enzima.

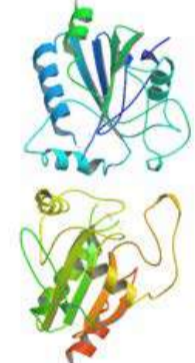
AO enzimi su: superoksid dismutaze (SOD) koje neutrališu superoksid anjon radikal, $2O_2^- + 2H^+ \rightarrow O_2 + H_2O_2$; katalaza (CAT) razlaže vodonik peroksid na vodu i kiseonik, $2H_2O_2 \rightarrow 2H_2O + O_2$; glutation peroksidaze (GPx), pored H_2O_2 kao supstrat koriste i širok spektar organskih peroksida, $R-O-O-H + 2GSH \rightarrow R-O-H + 2GSSG + H_2O$.

Karcinom bubrežnih ćelija nastaje u korteksu bubrega i vodi poreklo od epitelnih ćelija proksimalnih kanalića u nefronu. Najčešći oblik ove bolesti je svetloćelijski karcinom bubrežnih ćelija (eng. clear cell RCC) u koji spada 75% dijagnostifikovanih slučajeva.

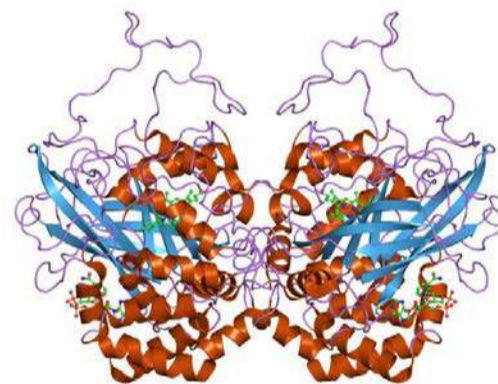
Oksidativni stres može posredno izazvati promene koje mogu biti okidač za nastanak i razvoj karcinoma. Imajući u vidu ulogu antioksidativnih enzima u održavanju oksido-redukcionog homeostaze, od posebnog je interesa ispitati njihovu aktivnost i ulogu u tumorskom tkivu.



Slika 1. Superoksid dismutaza



Slika 2. Glutation peroksidaza



Slika 2.. Katalaza

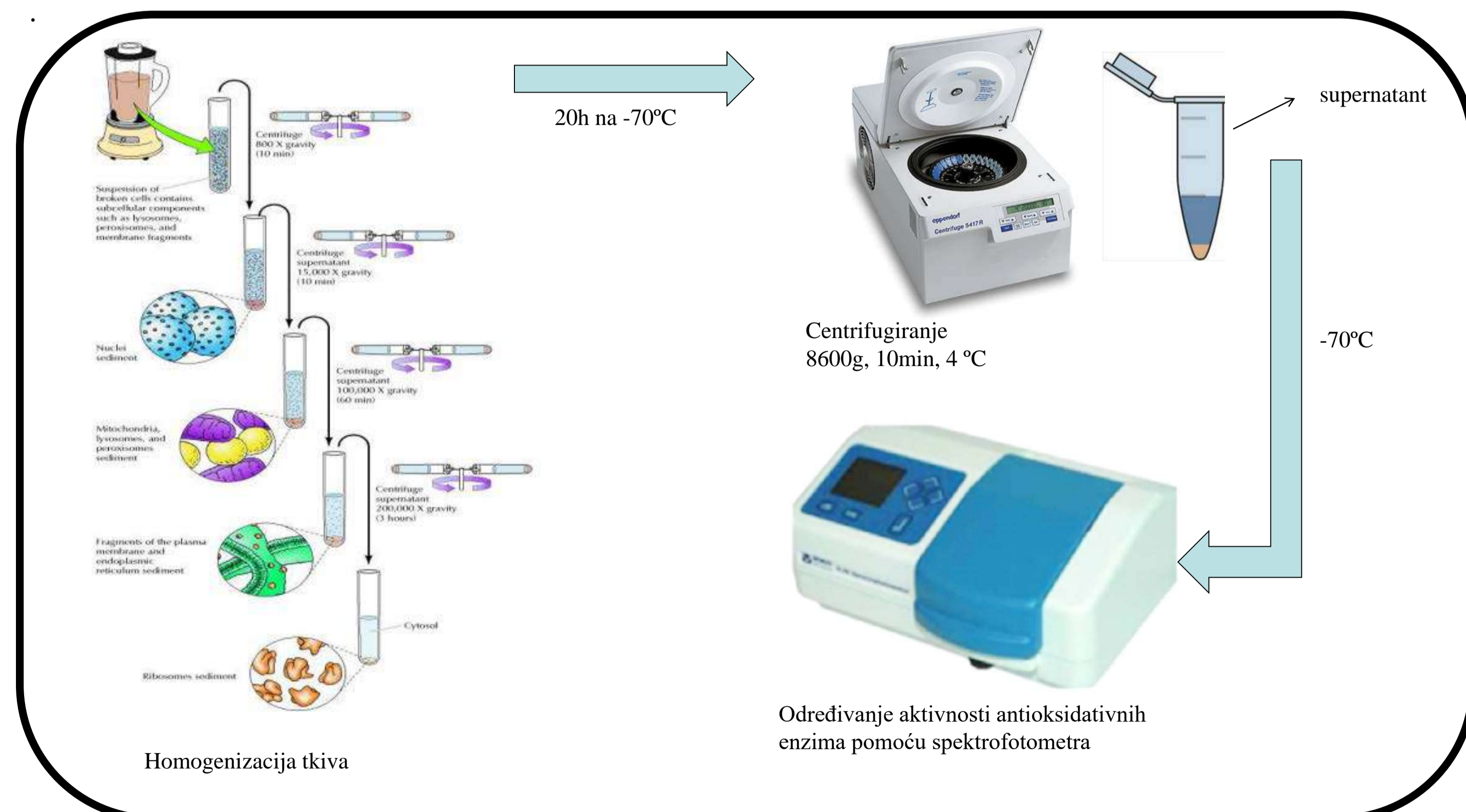
Materijal i metode

Sveže tkivo tumora bubrega prikupljeno je od 16 pacijenata starosti 59.8 ± 6.2 godine sa dijagnostifikovanim RCC, svetloćelijski tip, nakon radikalne nefrektomije. Zdravo tkivo koje predstavlja kontrolu uzeto je sa udaljenog dela istog organa. Sveže tkivo je odmah zamrznuto i čuvano na $-70^\circ C$ do merenja.

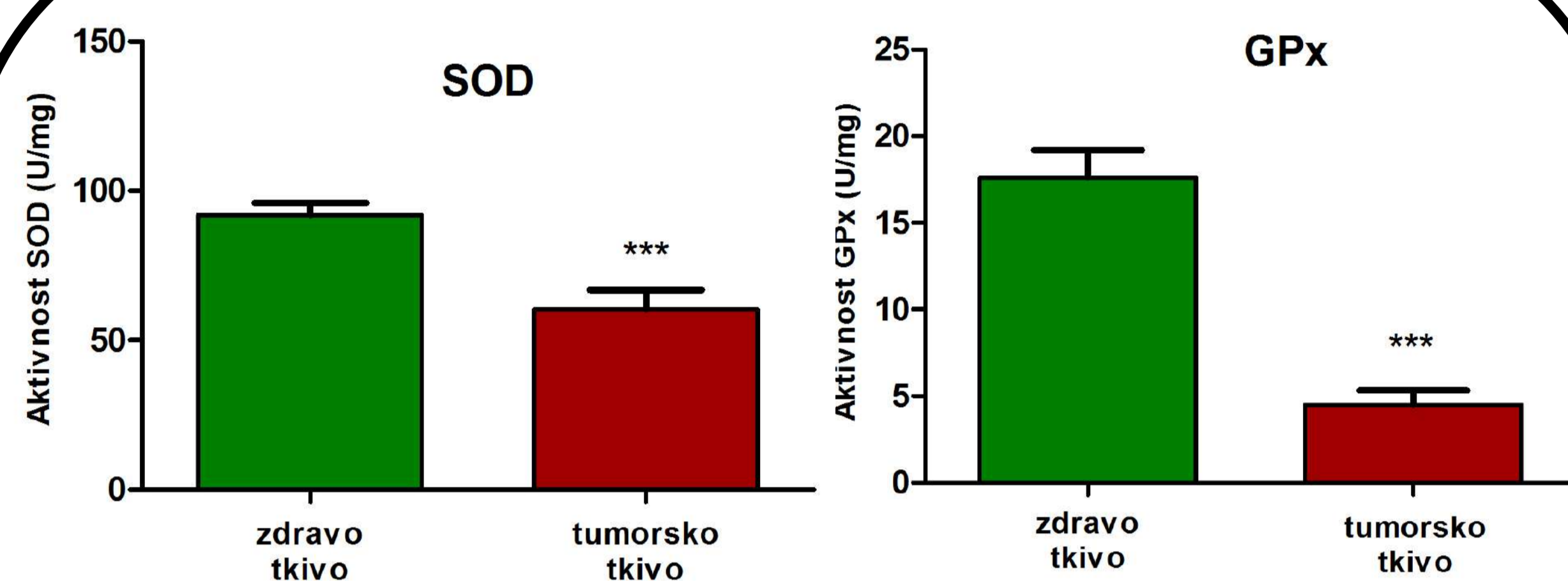
Ukupna aktivnost SOD merena je pomoću SOD Assay Kit. Količina enzima potrebna da izvrši 50% dismutacije superoksid anjon radikala definiše jednu jedinicu aktivnosti SOD.

Određivanje aktivnosti GPx urađeno je korišćenjem komercijalnog kita Oxis Bioxytech® GPx-340^(tm) Assay. Jedinica aktivnosti GPx-a predstavlja $1\mu mol$ NADPH oksidovanog u toku jednog minuta u uslovima propisanim protokolom.

Aktivnost katalaze određena je metodom po Beutler-u (1984). Jedna jedinica aktivnosti CAT je definisana kao $1\mu mol$ H_2O_2 koji se razgradi u toku jednog minuta u datim uslovima.

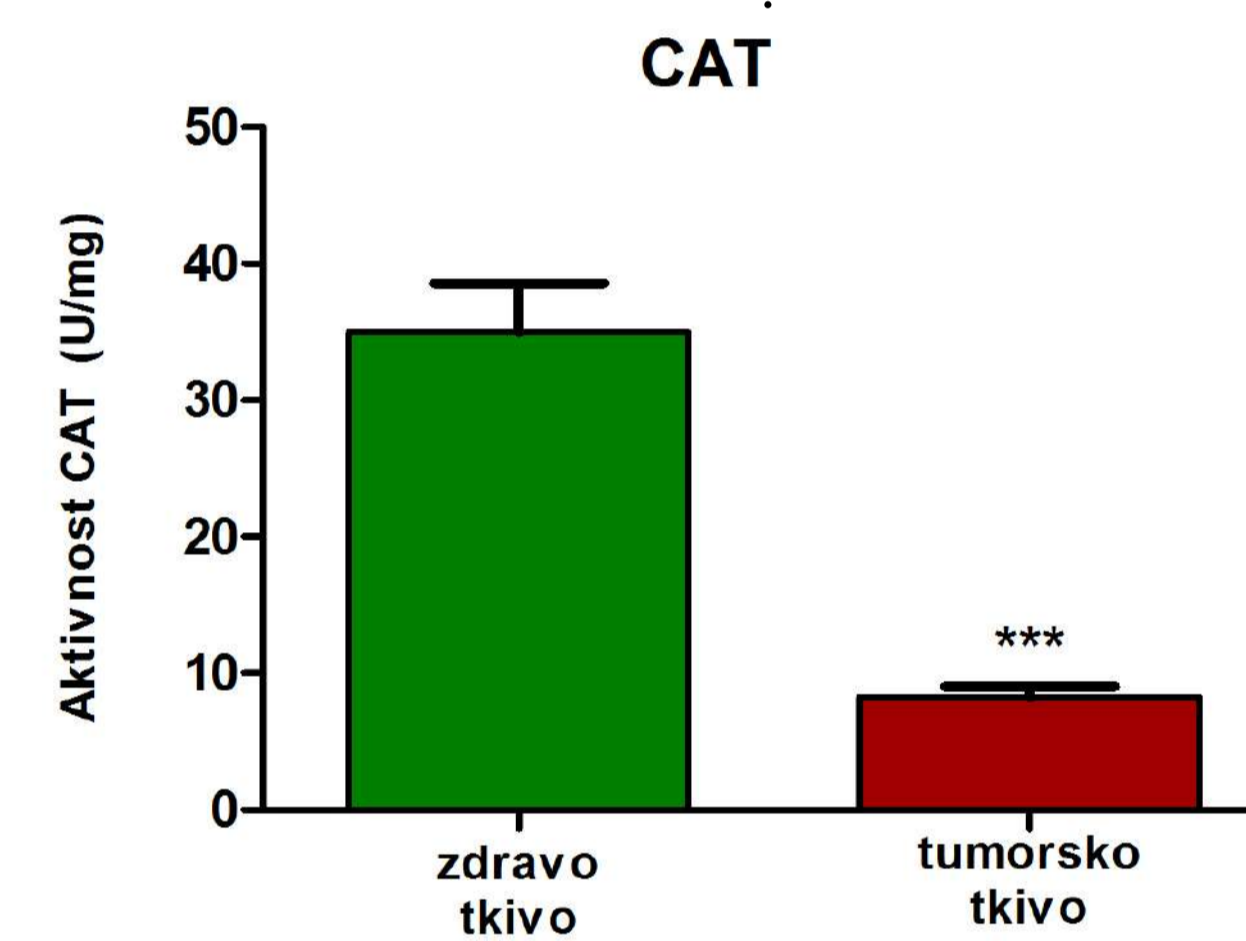


Rezultati i diskusija



Slika 4. Ukupna aktivnost superoksid dismutaze (SOD) u zdravom i tumorskom tkivu bubrega pacijenata obolelih od karcinoma bubrežnih ćelija (RCC). Aktivnost je izražena u jedinicama po miligramu proteina (U/mg). Značajnost *** $p < 0.001$ (t-test).

Slika 5. Aktivnost glutation peroksidaze (GPx) u zdravom i tumorskom tkivu bubrega pacijenata obolelih od karcinoma bubrežnih ćelija (RCC). Aktivnost je izražena u jedinicama po miligramu proteina (U/mg). Značajnost *** $p < 0.001$ (t-test).



Slika 6. Aktivnost katalaze (CAT) u zdravom i tumorskom tkivu bubrega pacijenata obolelih od karcinoma bubrežnih ćelija (RCC). Aktivnost je izražena u jedinicama po miligramu proteina (U/mg). Značajnost *** $p < 0.001$ (t-test).

Aktivnost AO enzima u zdravom i tumorskom tkivu bubrega

Rezultati ukazuju na značajno smanjenu sposobnost tumorskog tkiva da odgovori na izazove oksidativnog stresa. Opadanje aktivnosti ukupne SOD u vezi je sa povećanjem nivoa superoksid anjon radikala. Smanjena aktivnost GPx i CAT može dovesti do povećanja nivoa lipidnih peroksida, kao i vodonik peroksida. Opadanje antioksidativnog kapaciteta u RCC može imati značajan uticaj na redoks status ćelija, favorizujući modifikacije proteina, lipida i DNK. Pokazano je da oksidativni stres može uticati na različite regulatorne procese u ćelijama uzrokujući ćelijski rast. Naši rezultati su u skladu sa ovim nalazima i ukazuju da su slični procesi mogući u ćelijama bubrega.

Zaključak

- ✓ Tumorsko tkivo je pod povišenim oksidativnim stresom.
- ✓ Sniženi antioksidativni kapacitet može biti značajan faktor za nastanak i razvoj RCC.
- ✓ Modifikacije na makromolekulima (DNK, lipidi i proteini) usled oksidativnog stresa mogu biti uzrok mutacija, narušavanju strukture i funkcije membrana.
- ✓ Smanjena aktivnost AO enzima stvara uslove za strukturne i funkcionalne promene u ćelijama koje mogu voditi iniciranju kancerogeneze u bubregu.

Literatura

1. Beutler E. (1984) Catalase. In: Red cell metabolism: a manual of biochemical methods, ed. Beutler E., pp.105-106, Grune & Stratton Inc, Orlando, Florida.
2. Eble J.N., Togashi K., Pisani P. (2004) Tumours of the kidney. In: Pathology and Genetics of Tumours of the Urinary System and Male Genital Organs, eds. Eble J.N., Sauter G., Epstein J.I., Sesterhenn I.A., pp. 9-25, IARC Press, Lyon, France.
3. Halliwell B. and Gutteridge J.M.C. (2007) Free radicals in biology and medicine 4th ed. Oxford University Press, Oxford, United Kingdom.

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Milos Mitić: Testovi ponašanja za praćenje kognitivnih sposobnosti i procesa učenja kod životinja u modelima psihijatrijskih bolesti

Ivana Grković: Proste boje za složene reakcije

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Snežana Pejić

Beograd, 06. jul 2018. godine



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O POHAĐANJU RADIONICE

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koju je organizovao projekat Pravna podrška pregovorima (PLAC II)

Snežana Pejić

Beograd, 26. septembar 2018. godine



Univerza v Ljubljani

CERTIFICATE OF ATTENDANCE

Snezana Pejic



attended the Summer school
GENOMIC MEDICINE
Bridging research and the clinic

3.-7. May 2016, Hotel Histron, Portorož, Slovenia

prof. Vita Dolžan, MD PhD, on behalf of the Organizing Committee
Ljubljana, 7. May 2016



Summer school
GENOMIC MEDICINE
Bridging research and the clinic

3.-7. May 2016, Hotel Histron, Portorož, Slovenia

CERTIFICATE OF ATTENDANCE

Snezana Pejic

attended the Satellite Workshop: In vitro and in vivo models for
development of novel diagnostic and therapeutic approaches
3. 5. 2016, 9.00-12.30

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Ljubljana, 7. May 2016



European Society of Pharmacogenomics and Personalised Therapy
A Scientific Society for Individualised Medicine

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22. May, 2018.
Belgrade, Serbia



Faculty of Pharmacy
University of Belgrade

International Mini symposium:

*The Serbian State Universities
Projects Related to Oxidative Stress*



22nd May 2018.

Organizer: University of Belgrade-Faculty of Pharmacy

Project of Ministry of Education, Science and
Technological Development, Republic of Serbia
41018 III

Coordinator: Prof. PhD Mirjana Đukić

Mini symposium agenda
„The Serbian State Universities Projects Related to Oxidative Stress“

Welcome remarks

14:00-14:05

Vice Dean for foreign co-operation: Prof. PhD Svetlana Ibrić

Introduction of event

14:05-14:10

Coordinator of the mini symposium: Prof. PhD Mirjana Đukić

Presenting institutions

14:10-15:45

14:10-14:25 - University of Belgrade-"The Vinča" Institute of Nuclear Science (PhD student Ivana Resanović, mentor prof. PhD Esma Isenović and PhD **Snežana Pejić**, mentor prof. PhD Snežana Pajović)

14:25-14:35 - University of Kragujevac-Faculty of Medical Sciences (Prof. PhD Vladimir Jakovljević)

14:35-14:45 - University of Belgrade-School of Medicine (Asst. prof. PhD Tatjana Đukić)

14:45-14:55 - University of Defense-Faculty of Medicine, Military Medical Academy in Belgrade (Prof. PhD Milica Ninković):

14:55-15:05 - University of Belgrade-Faculty of Dental Medicine (TA PhD Dragan Ilić)

15:05-15:15 - University of Belgrade-Faculty of Physical Chemistry (Prof. PhD Jasmina Dimitrić Marković)

15:15-15:25 - University of Belgrade-Institute for Biological Research „Siniša Stanković“(PhD Aleksandra Janković)

15:25-15:45 - University of Belgrade-Faculty of Pharmacy
Department of Pharmacognosy (Prof. PhD Zoran Maksimović)
Department of Biochemistry (Prof. PhD Jelena Kotur Stevuljević)
Department of Bromatology, (PhD students of mentor prof. PhD Slađana Šobajić)
Department of Toxicology (PhD Ana Đurić)

Invited lecture

15:45-16:00

Prof. PhD Luciano Saso: „Oxidative Stress and European Funding Opportunities“

Socializing

16:00-16:15

----- Forwarded message -----

From: **Snezana Pejic** <snezana@vin.bg.ac.rs>

Date: Mon, Mar 6, 2017 at 11:28 AM

Subject: Re: Honorable Editorial Board member: EC Gynaecology

To: Maria Carter <gynaecology@ecronicon.co.uk>

On Mon, Mar 6, 2017 at 4:38 AM, Maria Carter <gynaecology@ecronicon.co.uk> wrote:
Dear Dr. Snezana Pejic,

Greetings from EC Gynaecology!

We heartily thank you for providing your valuable details towards the journal. We have uploaded your profile as an Editorial Board member for EC Gynaecology journal. Please go through the below link and kindly let us know of any modifications to be implemented.

www.ecronicon.com/gynaecology-editorial-panel.php

Await your response.

With Kind Regards,

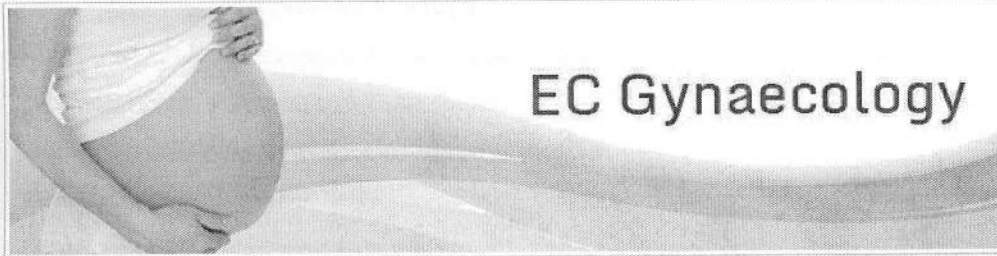
Ms. Maria Carter

Managing Editor

EC Gynaecology

Contact: [+44 20 3769 9658](tel:+442037699658)

[**gynaecology@ecronicon.co.uk**](mailto:gynaecology@ecronicon.co.uk)



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News and Events

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Snezana Pejic, Vinca Institute of Nuclear Sciences, Serbia

Abeba Mengist, Debre markos University, Ethiopia

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Date: 16/09/2015.

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We hereby certify that **Dr. Snežana Pejić** of **University of Belgrade, Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: *British Journal of Medicine and Medical Research.*

Manuscript Number: *2015_BJMMR_21576*

Title of the Manuscript: [REDACTED]

Dr. Snežana Pejić completed the review in time and submitted academically important review comments, which helped to maintain the high peer review standard of this international journal.

Thanking you.

(Dr. M. Basu)

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Reply-To **Reproductive Biology and Endocrinology - Editorial Office**

Date **2016-02-02 12:01**

RBEJ-D-16-00008

[REDACTED]

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Reproductive Biology and Endocrinology

Dear Dr Pejic,

Thank you very much for your review of manuscript RBEJ-D-16-00008, [REDACTED]

[REDACTED]

We greatly appreciate your assistance.

Best wishes,

Antonin Bukovsky, M.D.,Ph.D.,D.Sc.
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From **Reproductive Biology and Endocrinology - Editorial Office**

Sender **em.rbej.0.4c0583.92bd2e9e@editorialmanager.com**

To **Snezana Pejic**

Reply-To **Reproductive Biology and Endocrinology - Editorial Office**

Date **2016-06-22 11:16**

RBEJ-D-16-00075

[REDACTED]

[REDACTED]

Reproductive Biology and Endocrinology

Dear Dr Pejic,

Thank you very much for your review of manuscript RBEJ-D-16-00075, [REDACTED]

[REDACTED]

We greatly appreciate your assistance.

Best wishes,

Raoul Orvieto
 Reproductive Biology and Endocrinology
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TO WHOM IT MAY CONCERN

Date: 12/01/2016.

Ref. No: SDI/HQ/PR/Cert/ 2016/BJMMR/24099

We hereby certify that **Dr. Snežana Pejić** of **University of Belgrade, Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: *British Journal of Medicine and Medical Research*

Manuscript Number: 2016/BJMMR/24099

Title of the Manuscript: [REDACTED]

Dr. Snežana Pejić completed the review in time and submitted academically important review comments, which helped to maintain the high peer review standard of this international journal.

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International Knowledge Press

TO WHOM IT MAY CONCERN

Date: 23/01/2016.

Ref. No: IKP/PR/Cert/ 2016/JIRMEPS/3361

We hereby certify that **Dr. Snežana Pejić** of **University of Belgrade, Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: *Journal of International Research in Medical and Pharmaceutical Sciences*

Manuscript Number: 2016/JIRMEPS/3361

Title of the Manuscript:

██
██
██

Dr. Snežana Pejić completed the review in time and submitted very important review comments, which helped to maintain the high peer review standard of this international journal. We sincerely thank you for your time and service.

Thanking you.

(Mr. P. Mondal)

Director, International Knowledge press

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TO WHOM IT MAY CONCERN

Date: 16/08/2016.

Ref. No: SDI/HQ/PR/Cert/ 2016/BJPR/28790

We hereby certify that **Dr. Snežana Pejić** of **Univerity of Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: *British Journal of Pharmaceutical Research*

Manuscript Number: *2016/BJPR/28790*

Title of the Manuscript: *[REDACTED]*

Dr. Snežana Pejić completed the review in time and submitted academically important review comments, which helped to maintain the high peer review standard of this international journal.

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Date: 03/10/2016.

Ref. No: SDI/HQ/PR/Cert/ 2016/AJMAH/29569

We hereby certify that **Dr. Snežana Pejić of University of Belgrade, Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: Asian Journal of Medicine and Health

Manuscript Number: 2016/AJMAH/29569

Title of the Manuscript:

[REDACTED]

Dr. Snežana Pejić completed the review in time and submitted academically important review comments, which helped to maintain the high peer review standard of this international journal.

Thanking you.

(Dr. M. Basu)

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TO WHOM IT MAY CONCERN

Date: 12/10/2016.

Ref. No: IKP/PR/Cert/2016/JOBARI/4414

We hereby certify that **Dr. Snežana Pejić** of **University of Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: *Journal of Basic and Applied Research International*

Manuscript Number: 2016/JOBARI/4414

Title of the Manuscript:

[REDACTED]

Dr. Snežana Pejić completed the review in time and submitted very important review comments, which helped to maintain the high peer review standard of this international journal. We sincerely thank you for your time and service.

Thanking you.

(Mr. P. Mondal)

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From **Reproductive Biology and Endocrinology - Editorial Office**

Sender **em.rbej.0.5762fc.55814401@editorialmanager.com**

To **Snezana Pejic**

Reply-To **Reproductive Biology and Endocrinology - Editorial Office**

Date **2017-11-21 17:02**

RBEJ-D-17-00239R1

[REDACTED]

[REDACTED]

Reproductive Biology and Endocrinology

Dear Dr Pejic,

Thank you very much for your review of manuscript RBEJ-D-17-00239R1, [REDACTED]

[REDACTED]

We greatly appreciate your assistance.

Best wishes,

Roy Homburg, FRCOG
 Reproductive Biology and Endocrinology
<https://rbej.biomedcentral.com/>



TO WHOM IT MAY CONCERN

Date: 28/03/2017.

Ref. No: SDI/HQ/PR/Cert/ 2017/IJTDH/32638

We hereby certify that **Dr. Snezana Pejic** of **University of Belgrade, Serbia** was invited for peer reviewing of the below mentioned Manuscript.

Journal Name: *International Journal of TROPICAL DISEASE & Health*

Manuscript Number: 2017/IJTDH/32638

Title of the Manuscript: [REDACTED]

Dr. Snezana Pejic completed the review in time and submitted academically important review comments, which helped to maintain the high peer review standard of this international journal.

Thanking you.

(Dr. M. Basu)

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TO WHOM IT MAY CONCERN

Date: 09/05/2017.

Certificate No: SDI/HQ/PR/Cert/33901/SNE

We hereby certify that **Dr. Snezana Pejic** of **University of Belgrade, Serbia** was invited as peer reviewer of **Journal of Advances in Medical and Pharmaceutical Sciences Journal** in 2017.

Academic contribution of **Dr. Snezana Pejic** helped to maintain the high peer review standard of this international journal.

Thanking you.

(Dr. M. Basu)

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To whom it may concern

Dr Snezana Pejic has reviewed 1 submission in the journal *Patient Related Outcome Measures* during 2017.

This contribution is greatly appreciated.

Regards

Timothy D Hill

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To whom it may concern

Dr Snezana Pejic has reviewed 1 submission in the journal *International Journal of Women's Health* during 2017.

This contribution is greatly appreciated.

Regards

Timothy D Hill

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Subject: Thank you for submitting your review of Manuscript ID CJOG-2017-0821 for Journal of Obstetrics and Gynaecology
From: "Journal of Obstetrics and Gynaecology"
<onbehalf@manuscriptcentral.com>
Date: Thu, December 28, 2017 11:05 am
To: snezana@vinca.rs
Priority: Normal
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28-Dec-2017

Dear Dr Snezana A. Pejic:

Thank you for reviewing the above manuscript, entitled [REDACTED]
[REDACTED] " for Journal of Obstetrics and Gynaecology.

We greatly appreciate the voluntary contribution that each reviewer gives to the Journal. We hope that we may continue to seek your assistance with the refereeing process for Journal of Obstetrics and Gynaecology, and hope also to receive your own research papers that are appropriate to our aims and scope.

Sincerely,
Dr Roberta Granese
Associate Editor, Journal of Obstetrics and Gynaecology
rgranese@unime.it

Subject: Thank you for the review of EJOGRB-17-16823R1

From: "EJOGRB" <eesserver@eesmail.elsevier.com>

Date: Tue, April 17, 2018 9:06 am

To: snezana@vinca.rs

Priority: Normal

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Ref.: Ms. No. EJOGRB-17-16823R1, [REDACTED]

[REDACTED]
European Journal of Obstetrics & Gynecology and Reproductive Biology

Dear Dr. Pejic,

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With kind regards,

Professor Janesh Gupta, MSc, MD, FRCOG

Editor-in-Chief

European Journal of Obstetrics & Gynecology and Reproductive Biology (EJOG)







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 From **Bin Cao** 
 To **snezana@vinca.rs** 
 Reply-To **caobin_ben@163.com** 
 Date **Today 16:26**

25-Sep-2018

Dear Dr. Pejic:

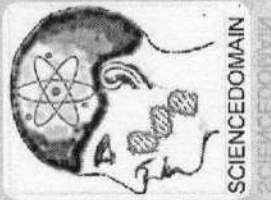
Thank you for reviewing manuscript # CRJ-OA-06-2018-256 entitled [REDACTED] [REDACTED] for the The Clinical Respiratory Journal.

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Sincerely,

Dr. Bin Cao
Associate Editor, The Clinical Respiratory Journal
caobin_ben@163.com



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2018

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Certificate of Excellence in Reviewing

awarded to

Snežana Pejić

University of Belgrade, Serbia



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To **Snezana Pejic**

Reply-To **Reproductive Biology and Endocrinology - Editorial Office**

Date **Tue 09:14**

RBEJ-D-18-00286

V [REDACTED]
Reproductive Biology and Endocrinology

Dear Dr Pejic,

Thank you very much for your review of manuscript RBEJ-D-18-00286, [REDACTED]
[REDACTED].

We greatly appreciate your assistance.

Best wishes,

Aleksandar Stanic-Kostic, MD, PhD
Reproductive Biology and Endocrinology
<https://rbej.biomedcentral.com/>

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Subject **Thank you for your review of FO-ART-05-2018-000960.R1**
From Food & Function <onbehalf@manuscriptcentral.com>
To <snezana@vinca.rs>
Reply-To <food@rsc.org>
Date 2018-07-12 09:45



12-Jul-2018

Dear Dr Pejic:

TITLE: [REDACTED]

Thank you for your recent review and your support as a reviewer for Food & Function.

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Best wishes,
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Associate Editor, Food & Function
food@rsc.org

If you need to contact the journal, please use the email address food@rsc.org

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From **EJOGRB**

Sender **eesserver@eesmail.elsevier.com**

To **snezana@vinca.rs**

Reply-To **EJOGRB**

Date **Today 13:36**

Ref.: Ms. No. EJOGRB-18-17453, [REDACTED]
 [REDACTED]
 European Journal of Obstetrics & Gynecology and Reproductive Biology

Dear Dr. Pejic,

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You can use your EES password to access Scopus and ScienceDirect via the URL above. You can save your 30 days access period, but access will expire 6 months after you accepted to review.

With kind regards,

Professor Janesh Gupta, MSc, MD, FRCOG
 Editor-in-Chief
 European Journal of Obstetrics & Gynecology and Reproductive Biology (EJOG)

Subject: Thank you for the review of EJOGRB-17-16823

From: "EJOGRB" <eesserver@eesmail.elsevier.com>

Date: Thu, January 18, 2018 2:43 pm

To: snezana@vinca.rs

Priority: Normal

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Ref.: Ms. No. EJOGRB-17-16823, [REDACTED]

[REDACTED]
European Journal of Obstetrics & Gynecology and Reproductive Biology

Dear Dr. Pejic,

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If you need to retrieve password details, please go to:

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With kind regards,

Professor Janesh Gupta, MSc, MD, FRCOG

Editor-in-Chief

European Journal of Obstetrics & Gynecology and Reproductive Biology (EJOG)

Subject: [CMB] Article Review Acknowledgement

From: "Mourad FARES" <executive-editor@cellmolbiol.org>

Date: Wed, January 17, 2018 9:06 pm

To: "Snezana Pejic" <snezana@vinca.rs>

Priority: Normal

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Doctor Snezana Pejic:

Thank you for completing the review of the submission, "Fertility enhancing efficacy of Cicer arietinum in male albino mice," for Cellular and Molecular Biology. We appreciate your contribution to the quality of the work that we publish.

Mourad FARES
executive-editor@cellmolbiol.org

--

Dr Mourad FARES
Executive Editor

CMB-ASSOCIATION
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France
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Web: www.cellmolbiol.org
<https://www.facebook.com/cellmolbiol>

Subject: [CMB] Article Review Acknowledgement

From: "Mourad FARES" <executive-editor@cellmolbiol.org>

Date: Wed, January 17, 2018 9:06 pm

To: "Snezana Pejic" <snezana@vinca.rs>

Priority: Normal

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Doctor Snezana Pejic:

Thank you for completing the review of the submission, "[REDACTED]" for Cellular and Molecular Biology. We appreciate your contribution to the quality of the work that we publish.

Mourad FARES
executive-editor@cellmolbiol.org

--

Dr Mourad FARES
Executive Editor

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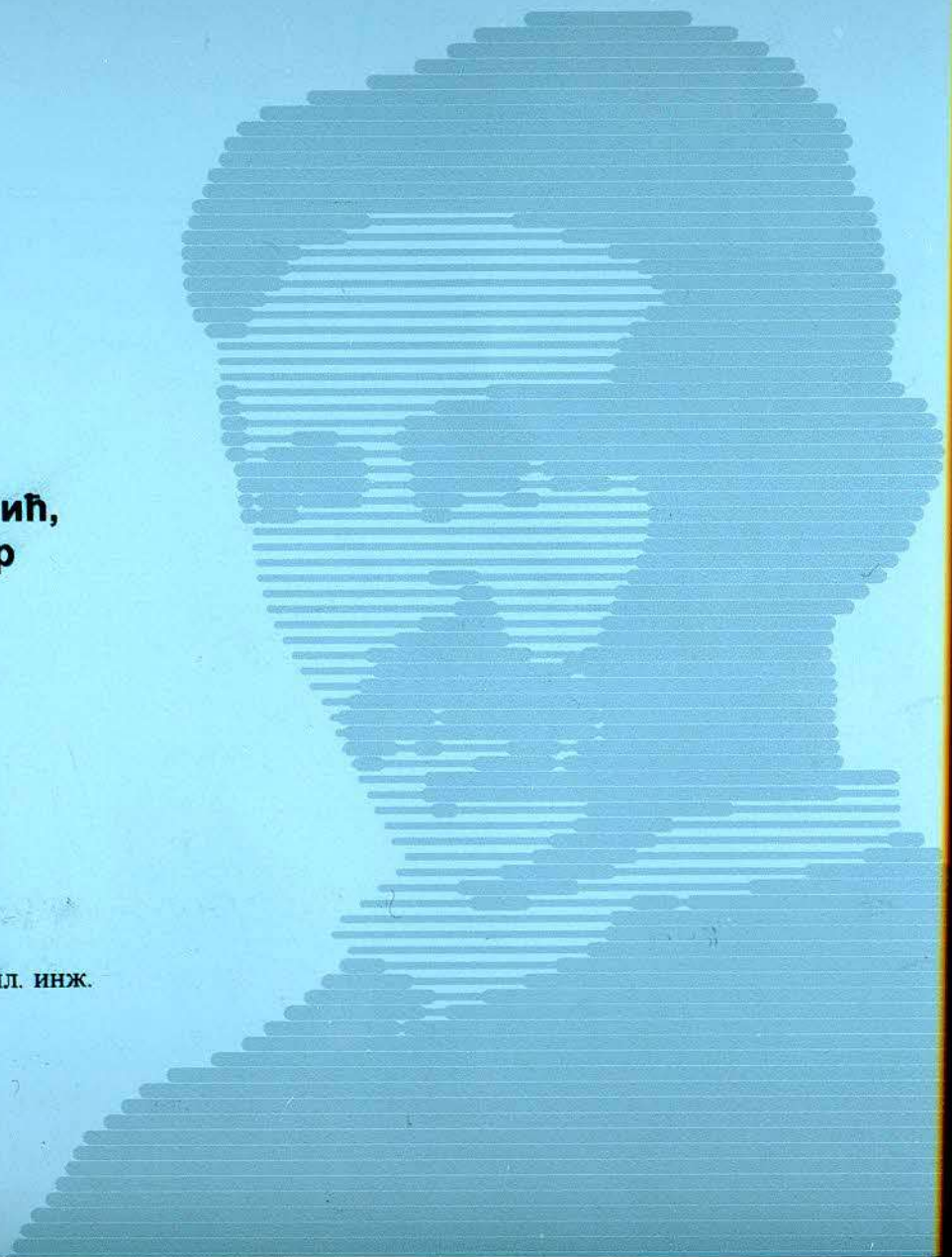
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Председник


мр Буро Борак, дипл. инж.



Subject **Fwd: JBUON - Cyclin D1 and p57 expression in relation to clinicopathological characteristics and overall survival in patients with renal cell carcinoma - Status Change**

From Dragana L <draganalatic@yahoo.com>

To <snezana@vin.bg.ac.rs>, <pavlovic@vin.bg.ac.rs>, <sanjaskodric@gmail.com>

Date 2018-07-29 10:43



Sent from my iPhone

Begin forwarded message:

From: JBUON Editorial Office <editorial_office@jbuon.com>
Date: July 28, 2018 at 9:31:51 PM GMT+2
To: draganalatic@yahoo.com
Cc: publisher@jbuon.com
Subject: JBUON - Cyclin D1 and p57 expression in relation to clinicopathological characteristics and overall survival in patients with renal cell carcinoma - Status Change

Dear Dr. Latić,

I am pleased to inform you that your paper Cyclin D1 and p57 expression in relation to clinicopathological characteristics and overall survival in patients with renal cell carcinoma - Submission ID: [9221] has been accepted for publication in JBUON after peer review.

Anticipated publication: vol 24, no. 2, 2019, 2018 issue.

The paper will be sent to you for correction and proofreading in due course. This will be accompanied with detailed instructions over the OAJ fee payment.

With kind regards,
A.E.Athanasiou
Editor-in-Chief
JBUON

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