

# Dr Ninoslav J. Djelić

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Katedra za Biologiju  
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## OPŠTI PODACI

Ime	Ninoslav
Prezime	Djelić
Datum i mesto rođenja:	21. XII 1962; Beograd
Državljanstvo:	Srbije
Adresa na poslu:	Katedra za Biologiju, Fakultet veterinarske medicine, Univerzitet u Beogradu, Bul. JNA 18, 11000 Beograd, Tel/faks: +381-(0)11-36 71 721. E-mail: ndjelic@vet.bg.ac.rs

## OBRAZOVANJE

1977	<b>Osnovna škola</b> , Beograd
1981	<b>VIII beogradska gimnazija</b> (tehničar za biohemiju i molekularnu biologiju)
1988	<b>Diplomirani biolog</b> , Prirodno-matematički fakultet Univerziteta u Beogradu, ukupna prosečna ocena 9,61
1994	<b>Magistar bioloških nauka</b> Genetika i Molekularna biologija, Biološki fakultet Univerziteta u Beogradu, prosečna ocena 9,92
1997	<b>Doktor bioloških nauka</b> (Genetika), Biološki fakultet Univerziteta u Beogradu

## ZAPOSLENJE

1991-1994	<b>Asistent pripravnik</b> za nastavnu oblast Biologija, Fakultet veterinarske medicine, Univerzitet u Beogradu
1995-1998	<b>Asistent</b> za nastavnu oblast Biologija, Fakultet veterinarske medicine, Univerzitet u Beogradu
1999-2003	<b>Docent</b> za nastavnu oblast Biologija, Fakultet veterinarske medicine, Univerzitet u Beogradu
2004-2009	<b>Vanredni profesor</b> za nastavnu oblast Biologija, Fakultet veterinarske medicine, Univerzitet u Beogradu
2009-i dalje	<b>Redovni profesor</b> za nastavnu oblast Biologija, Fakultet veterinarske medicine, Univerzitet u Beogradu
2001-2003	<b>Docent</b> za nastavni predmet Biologija sa humanom genetikom, Farmaceutski fakultet, Univerziteta u

2004-2009	Beogradu (honorarno) <b>Vanredni profesor</b> za nastavni predmet Biologija sa humanom genetikom, Farmaceutski fakultet, Univerziteta u Beogradu (honorarno)
2009-2011	<b>Redovni profesor</b> za nastavni predmet Biologija sa humanom genetikom, Farmaceutski fakultet, Univerziteta u Beogradu (honorarno)

## ANGAŽOVANJE U OSAVREMENJAVANJU NASTAVE

### A) na osnovnim studijama

- Zoologija, fond časova 1+2 (2021- i dalje)
- Zoologija, fond časova 2+2 (2004-2021)
- Veterinarska genetika, fond časova 2+2 (2021-i dalje)
- Veterinarska genetika, fond časova 1+1 (2004-2021)
- Biologija egzotičnih životinja, fond časova 1+0 (2004-2009)
- Biologija riba, rakova i školjki, fond časova 1+0 (2004-2009)
- Biologija pčela i sviloprelja, fond časova 1+0 (2004-2009)
- Pčelarstvo, fond časova 1+0 (2004-2009)
- Životinjske vrste Balkana, fond časova 1+0 (2004-2009)
- Ornitologija, fond časova 1+0 (2004-2009)
- Uzgoj i nega laboratorijskih životinja, fond časova 1+0 (2004-2009)
- Biologija i gajenje puževa, fond časova 1+0 (2004-2009)
- Uzgoj i nega pčela, fond časova 1+2 (2009-i dalje)
- Uzgoj i nega lovne divljači, fond časova 1+2 (2009-2015)
- Uzgoj i nega životinja u ZOO vrtovima, fond časova 1+1 (2009-2015)
- Uzgoj i nega divljih i egzotičnih životinja, fond časova 1+2 (2016-i dalje)
- Molekularno-genetičke metode u veterinarskoj medicini, fond časova 1+1 (2015-i dalje)

### B) na doktorskim studijama

- Ogladne životinje u biomedicinskim istraživanjima, fond časova 3+0 (2022-i dalje)
- Molekularni markeri u analizi i detekciji rasne pripadnosti i pedigrea, fond časova 2+0 (2009-i dalje)
- Ponašanje i molekularna ekologija pčela, fond časova 2+0 (2009-i dalje)
- Ponašanje i molekularna biologija divljih životinja, fond časova 2+0 (2009-i dalje)
- Ekogenotoksikologija, fond časova 2+0 (2009-2015)
- Genotoksikologija u veterinarskoj medicini, fond časova 2+0 (2009-2015)
- Molekularno-genetička dijagnostika u veterinarskoj medicini, fond časova 4+0 (2015-)
- Molekularna biologija ćelije, fond časova 4+0 (2009-i dalje)
- Zaštita životne sredine, fond časova 2+0 (2009-2011)

## NAUČNA DRUŠTVA

1983 -1988	Biološko istraživačko društvo (za studente)
1994 -	Srpsko biološko društvo
1994 -	Društvo genetičara Srbije
1994 -	Sekcija za mutagenezu Društva genetičara Srbije
1997 -	Evropsko društvo za genomiku i mutagene životne

- sredine (EEMGS)
- 2004- Sekcija za humanu genetiku Društva genetičara Srbije
- 2015- Udruženje toksikologa Srbije
- 2015- Federation of European Toxicologists and European Societies of Toxicology (EUROTOX)
- 2015- International Union of Toxicology (IUTOX)

## ORGANIZACIJA NAUČNIH SKUPOVA

- 2004 Član organizacionog odbora III Kongresa Genetičara Srbije, Subotica 30. Nov.-04.Dec. 2004
- 2009 Član programskog odbora IV Kongresa Genetičara Srbije, Tara 01-05. jun 2009.
- 2014 Član naučnog odbora V Kongresa Genetičara Srbije, Beograd, 28. Sept. – 02. Okt. 2014.
- 2019 Član naučnog odbora VI Kongresa Genetičara Srbije, Vrnjačka banja, 13. - 17. Okt. 2014.

## RECENZENT

- 2000- Veterinarski Glasnik (Beograd), ISSN 0350-2457
- 2002- Acta Veterinaria (Beograd), ISSN 0567-8315
- 2007- Food and Chemical Toxicology, ISSN 0278-6915
- 2008- Journal of Applied Biomedicine ISSN 1214-021X
- 2008- Archives of Biological Sciences, ISSN 0375-8567
- 2009- Biology and Medicine, ISSN 0974-8369
- 2009- Toxicology and Industrial Health, ISSN 0748-2337
- 2010- Dose Response, ISSN 1559-3258
- 2012- Journal of Natural Pharmaceuticals, ISSN 2229-5119
- 2013- Arch. of Indust. Hygiene and Toxicol. ISSN 0004-1254
- 2013- Current Therapeutic Research ISSN 0011-393X
- 2014- Eur. Journal of Integrative Medicine ISSN 1876-3820
- 2014- Reproductive Toxicology ISSN 0890-6238
- 2014- Oral Science International ISSN 1348-8643
- 2014- Mutagenesis ISSN 0267-8357
- 2014- Contemporary Agriculture ISSN 0350-1205
- 2014- Journal of Obstetrics and Gynaecology ISSN 0144-3615
- 2014- SpringerPlus ISSN 2193-1801
- 2014- Journal of Sport and Health Science ISSN 2095-2546
- 2015- Toxicology Mechanisms and Methods ISSN 1537-6516
- 2015- Scientia Pharmaceutica ISSN 0036-8709
- 2015- Journal of Neurochemistry ISSN 0022-3042
- 2015- Disease Models and Mechanisms ISSN 1754-8411
- 2015- Indian Journal of Clinical Biochemistry ISSN: 0970-1915
- 2016- Drug and Chemical Toxicology ISSN 0148-0545
- 2016- Toxicology Research ISSN 2045-452X
- 2016- Chemosphere ISSN 0045-6535
- 2018- Phytotherapy Research ISSN 1099-1573
- 2018- Toxicology Mechanisms and Methods ISSN: 1537-6516
- 2018- Journal of Basic and Applied Zoology ISSN: 2090-990X

2018-	Genetika (Belgrade) ISSN 0534-012
2018-	Toxin Reviews ISSN 1556-9543
2019-	Mutation Research ISSN: 1383-5718
2020-	PeerJ ISSN 2167-8359
2021-	Archives of Pharmacy ISSN 0004-1963
2021-	Current Chinese Science ISSN: 2210-2981
2023-	Toxics ISSN 2305-6304
2024-	Horticulturae ISSN 2311-7524

## NAUČNI PROJEKTI

1991-1995	Istraživač na projektu Ministarstva za nauku i tehnologiju Republike Srbije "Genetički i regulacioni faktori u reprodukciji i zdravstvenoj zaštiti domaćih životinja", Ev. br. 1209
1995-1999	Istraživač na projektu Saveznog ministarstva za nauku i tehnologiju („Biomonitoring u funkciji očuvanja autohtonih rasa životinja, zaštiti zdravlja domaćih životinja i zaštiti ekosistema").Ev. br., TSI-358.
1996-2000	Istraživač na projektu Republičkog ministarstva za nauku i tehnologiju ("Istraživanja etiopatogeneze, genetičkih i ekoloških faktora sa ciljem unapređenja zaštite zdravlja i povećanja produktivno-reproduktivnih karakteristika životinja i zdravstvene ispravnosti namirnica životinjskog porekla"), Ev. br.12M18
2002-2005	Rukovodilac naučnog projekta ("Evaluacija citogenetičkih efekata nekih hormona, citostatika i antibiotika"), Ministarstvo za nauku i zaštitu životne sredine Republike Srbije, evidencioni broj 10-1873
2005-2006	Istraživač na projektu bilateralne saradnje Slovenije i Srbije ("Uticaj istovremenog dejstva mikrocistina, estrogena i tireoidnih hormona na citogenetičke promene i oštećenja DNK u kulturama humanih limfocita i HepG2 ćelija").
2006-2010	Rukovodilac naučnog projekta („Evaluacija dejstva hormona i citostatika primenom citogenetičkih analiza i Komet testa“), Ministarstvo nauke i zaštite životne sredine, evidencioni broj 143018B
2008-2010	Istraživač na projektu iz programa Tehnološkog razvoja finansiranog od strane Ministarstva za nauku i tehnološki razvoj Republike Srbije: "Uvođenje molekularno-genetičkih markera za utvrđivanje roditeljstva i proizvodnih osobina u funkciji selekcije i oplemenjivanja goveda", Ev. br. 20011.
2011-	Istraživač na projektu „Aberacije ćelijskog ciklusa i uticaj oksidativnog stresa na neurodegenerativne procese i malignu transformaciju ćelije", Ministarstvo nauke i prosvete Republike Srbije, ev. br. OI 173034
2011-	Istraživač na projektu „Molekularno-genetička i ekofiziološka istraživanja u zaštiti autohtonih animalnih genetičkih resursa, očuvanja dobrobiti, zdravlja i

	reprodukcije gajenih životinja i proizvodnji bezbedne hrane“, Ministarstvo nauke i prosvete Republike Srbije. ev br. III46002.
2013-2015	Istraživač na projektu bilateralne saradnje Italije i Srbije “Aberacije ćelijskog ciklusa i oksidativni stres pri neurodegenerativnim bolestima tokom starenja: uloga antioksidanata iz hrane”.
2016-2017	Rukovodilac naučnog projekta bilateralne saradnje između Srbije i Nemačke (“Oksidativni stres i oštećenja DNK u limfocitima normalnih, gojaznih, predijabetičnih i dijabetičnih osoba izloženih adrenalinu i tiroksinu in vitro”)
2016-2020	COST akcija CA 15132 “Komet test kao metoda biomonitoringa kod ljudi – hCOMET”, član Upravljačkog komiteta
2018-2019	“Uticaj konzumiranja hleba bez brašna “Tonus” na smanjenje oštećenja DNK kod osoba u različitim fazama razvoja dijabetesa” (rukovodilac prof. dr Ninoslav Đelić), Inovacioni vaučer 248, za potrebe firme “Trivit”, Bečej

## STUDIJSKI BORAVCI

2003	Jednomesečni studijski boravak u Odeljenju za biomedicinske nauke (Bradford, Velika Britanija) po pozivu šefa odeljenja Prof. Diana-e Anderson
2006	Tronedeljni studijski boravak u Odeljenju za genetičku toksikologiju i biologiju raka, Nacionalni institut za biologiju, Ljubljana, supervizor Doc. dr Metka Filipič, projekat bilateralne saradnje Slovenije i Srbije

## PRIZNANJA I POHVALE

1985-1988	Stipendija Saveta za razvoj kadrova u oblasti prirodnih nauka i matematike (u okviru SANU)
1989-1991	Stipendija Republičke Fondacije za razvoj naučnog i umetničkog podmlatka
1999-2001	Sekretar Srpskog Biološkog Društva
1999-2001	Član Izvršnog odbora Srpskog Biološkog Društva
2002	Nagrada Ministarstva za nauku, tehnologije i razvoj za uspešne mlade istraživače
2004	Druga nagrada Ministarstva za nauku i zaštitu životne sredine za uspešne istraživače na projektima osnovnih istraživanja
2008-	Delegat Skupštine Društva Genetičara Srbije
2011-2014	Član Etičkog komiteta na Fakultetu veterinarske medicine, Univezitet u Beogradu

## UREĐIVANJE NAUČNIH ČASOPISA

2008-2018	<i>Biology and Medicine</i> (član Uređivačkog odbora)
2010-	<i>Genetika</i> (Beograd) (član Uređivačkog odbora)
2015-2018	<i>SPER Journal of Advances in Toxicological Research</i> (član Uređivačkog odbora)
2016-2019	<i>Journal of Carcinogenesis and Mutagenesis</i> (član Uređivačkog odbora)
2019-	<i>Recent Advances in Biology and Medicine</i> (član Uređivačkog odbora)
2023-	<i>Frontiers in Genetics</i> (član Uređivačkog odbora)

## PREDAVANJA PO POZIVU

2003	Naučni kafe, tema „50 godina od otkrića DNK“, Predavanje: „Genotoksičnost hormona“, Hemijski fakultet, Univerzitet u Beogradu
2004	Sekcija za humanu genetiku Društva genetičara Srbije, Predavanje: „Osnovni principi detekcije oštećenja DNK primenom komet testa“, Medicinski fakultet, Univerzitet u Beogradu
2004	III Kongres genetičara Srbije, Subotica, Predavanje: „Tiazofurin do not induce DNA damage in the Comet assay“ (na engleskom), Subotica, Serbia
2006	IV Kongres Slovenačkog genetičkog društva, Predavanje: „Mehanizmi genotoksičnih i mutagenih efekata hormona“ (na engleskom), Nacionalni inštitut za Biologiju, Ljubljana, Slovenija
2015	EUROTOX Specialized Course „Genotoxicity and Carcinogenicity“, Predavanje: „Overview on the biology of carcinogenesis“ (na engleskom), Farmaceutski fakultet, Univerzitet u Beogradu
2017	Projekat bilateralne saradnje Nemačke i Srbije, Predavanje: „Oxidative stress and DNA damage in lymphocytes from normal, obese, prediabetic and diabetic persons exposed to adrenaline and triiodthyronine in vitro“ (na engleskom), Institut za farmakologiju i toksikologiju, Univerzitet u Virzburgu, Nemačka
2019	VI kongres genetičara Srbije, Predavanje: „Genotoxic effects of nonsteroidal hormones“ (na engleskom), Vrnjačka banja
2023	45 <sup>th</sup> Environmental Mutagen Society of India (EMSI) Meeting and International Conference on “Environmental Mutagenesis and Toxicogenomics: Human Health Perspectives” Predavanje: “Increased genome sensitivity to adrenaline during various phases of progression through type 2 diabetes mellitus” (on-line ne

engleskom), Odeljenje za zoologiju, Aligarh Muslim University, Aligarh, Uttar Pradesh, India

## OBLAST ISTRAŽIVANJA

Genetička toksikologija hormona i sličnih supstanci (glavna oblast).  
Uticaj hormona na ćelijsku kinetiku i morfologiju ćelija.  
Genetička toksikologija pesticida, ekogenotoksikologija.  
Genetika starenja.

## PUBLIKACIJE

66 naučnih radova u međunarodnim časopisima sa recenzijom (sa SCI liste)  
3 poglavlja u istaknutim monografijama međunarodnog značaja  
18 naučnih radova u časopisima nacionalnog značaja sa recenzijom  
2 akademske teze (magistarska teza i doktorska disertacija)  
6 univerzitetskih udžbenika (3 osnovna udžbenika i 3 praktikuma)  
47 apstrakata na međunarodnim naučnim skupovima  
40 apstrakata i radova u celini na domaćim naučnim skupovima  
**Zbirni impakt faktor: 73.228**  
**Broj heterocitata: 439** (SCOPUS 06. sept. 2024).  
**h-indeks: 14**

## JEZICI

Srpski	Maternji
Engleski	Fluantan
Italijanski	Dobar
Nemački	Osnovni nivo

## OSTALE AKTIVNOSTI

Šah (I kategorija, rejting na chess.com 2059)  
Biciklizam  
Putovanja

Lična prezentacija: <https://biologija.vet.bg.ac.rs/ninoslav-djelic/>

## PREPORUKE

1. **Prof. Diana Anderson**, BSc, MSc, PhD, DipEd, FIBiol, FRCPath, FIFST, FATS  
Established Chair of Biomedical Sciences, Department of Biomedical Sciences,  
University of Bradford, Richmond Rd, Bradford, West Yorkshire, BD7 1DP, United  
Kingdom. Tel. +44(0)12 74 233569; Fax: +44(0)1274 309742. E-mail:  
D.Anderson1@Bradford.ac.uk

2. **Prof. Helga Stopper**, Institute of Pharmacology and Toxicology, University of  
Würzburg, Versbacher Str. 9, D-97078 Würzburg, Germany.  
E-mail: stopper@toxi.uni-wuerzburg.de

3. **Prof. dr Biljana Spremo-Potparević**, Katedra za patobiologiju, Farmaceutski fakultet, Univerzitet u Beogradu, tel: +381 (0)63 362 959. E-mail: biljana.potparevic@pharmacy.bg.ac.rs

## BIBLIOGRAFIJA

### Radovi objavljeni u naučnim časopisima međunarodnog značaja (M20)

#### Radovi u međunarodnim časopisima izuzetnih vrednosti (M21a)

1. Milić M., Ceppi M., Bruzzone M.,..... Dimitrijević-Srećković V., Djelić N., .....Bonassi S. (2021) *Mutation Research – Reviews in Mutation Research* 108371.
2. Spremo-Potparević B., Živković L., Djelić N., Bajić V. (2004) Analysis of premature centromere division (PCD) of the X chromosome in Alzheimer patients through the cell cycle. *Experimental Gerontology* 39 (5): 849-854.
3. Djelić N., Soldatović B., Andjelković M., Cvetković D. (1996) In vitro cytogenetic analysis of the effects of oxytocin on human peripheral blood lymphocytes. *Mutation Research – Fundamental and Molecular Mechanisms of Mutagenesis* 356 (2): 265-268.

#### Radovi u vrhunskim međunarodnim časopisima (M21)

4. Rajković M., Glavinić U., Bogunović D., Vejnović B., Davitkov D., Djelić N., Stanimirović Z. (2023) „Slow kill“ treatment reduces DNA damage in leukocytes of dogs naturally infected with *Dirofilaria immitis*. *Veterinary Parasitology* 322: 110008.
5. Glavinić U., Rajković M., Ristanić M., Stevanović J., Vejnović B., Djelić N.J., Stanimirović Z. (2023) Genotoxic potential of thymol on honey bee DNA in the Comet assay. *Insects* 14(5): 451.
6. Djelić N.J., Borozan SZ., Dimitrijević-Srećković V., Pajović N., Mirilović M., Stopper H., Stanimirović Z. (2022) Oxidative stress and DNA damage in peripheral blood mononuclear cells from normal, obese, prediabetic and diabetic persons exposed to thyroid hormone in vitro. *International Journal of Molecular Sciences* 23(16): 9072.
7. Sjakste N., Djelić N., Dzintare M., Živković L., (2020) DNA-binding and DNA-protecting activities of small natural organic molecules and food extracts. *Chemico-Biological Interactions* 323: 109030.
8. Radaković M., Borozan S., Djelić N., Ivanović S., Čupić-Miladinović D., Ristanić M., Spremo-Potparević B., Stanimirović Z. (2018) Nitroso-oxidative stress,



- acute phase response, and cytogenetic damage in Wistar rats treated with adrenaline. *Oxidative Medicine and Cellular Longevity* 2018: 1805354.
9. Žukovec-Topalović D., Živković L., Čabarkapa A., Djelić N., Bajić V., Dekanski D., Spremo-Potparević B. (2015) Dry olive leaf extract counteracts L-thyroxine-induced genotoxicity in human peripheral blood leukocytes in vitro. *Oxidative Medicine and Cellular Longevity* 2015:762192, 1-8.
  10. Djelić N., Radaković M., Spremo-Potparević B., Živković L., Bajić V., Stevanović J., Stanimirović Z. (2015) Evaluation of cytogenetic and DNA damage in human lymphocytes treated with adrenaline in vitro. *Toxicology in vitro* 29(1): 27-33.
  11. Čabarkapa A. Živković L., Žukovec D., Djelić N., Bajić V., Dekanski D., Spremo-Potparević B. (2014) Protective effect of dry olive leaf extract in adrenaline induced DNA damage evaluated using in vitro Comet assay with human peripheral lymphocytes. *Toxicology in vitro* 28(3): 451-456.
  12. Radaković M., Stevanović J., Djelić N., Lakić N. Knežević-Vukčević J., Vuković-Gačić B., Stanimirović Z. (2013) Evaluation of the DNA damaging effect of amitraz on human lymphocytes in the Comet assay. *Journal of Biosciences* 38(1): 53-62.
  13. Stevanović J., Stanimirović Z., Lakić N., Djelić N., Radović I. (2012) Stimulating effect of sugar dusting on honey bee grooming behaviour. *Entomologia Experimentalis et Applicata* 143: 23-30.
  14. Živković L., Spremo-Potparević B., Plečas-Solarović B., Djelić N., Očić G., Smiljković P., Siedlak S.L., Smith M.A., Bajić V. (2010) Premature centromere division of metaphase chromosomes in peripheral blood lymphocytes of Alzheimer's disease patients: relation to gender and age. *Journals of Gerontology A* 65(12): 1269-1274.
  15. Spremo-Potparević B., Živković L., Djelić N., Plečas-Solarović B., Smith M.A., Bajić V. (2008) Premature centromere division of the X chromosome in neurons in Alzheimer's disease. *Journal of Neurochemistry* 106(5): 2218-2223.
  16. Živković L., Spremo-Potparević B., Djelić N., Bajić V. (2006) Analysis of premature centromere division (PCD) of the chromosome 18 in peripheral blood lymphocytes of Alzheimer disease patients. *Mechanisms of Ageing and Development* 127(12): 892-896.
  17. Djelić N., Spremo-Potparević B., Bajić V., Djelić D. (2006) Sister chromatid exchange and micronuclei in human peripheral blood lymphocytes treated with thyroxine in vitro. *Mutation Research – Genetic Toxicology and Environmental Mutagenesis* 604 (1-2): 1-7.

## Radovi u istaknutim međunarodnim časopisima (M22)

18. Živković L., Pirković A., Topalović D., Borozan S., Bajić V., Dimitrijević-Srećković V., Djelić N., Petrović H., Milić M., Spremo-Potparević B. (2024) Dihydroquercetin and biochaga reduce H<sub>2</sub>O<sub>2</sub>-induced DNA damage in peripheral blood mononuclear cells of obese women in vitro – a pilot study. *Mutagenesis* in press
19. Marković A., Tubić Vukajlović J., Grujičić D., Radović Jakovljević M., Stanković M., Djordjević K., Djelić N., Radaković M., Milosević-Djordjević O. (2022) Methanol extracts of *Teucrium arduini* and *Teucrium flavum* L. induce protective effect against mitomycin C in human lymphocytes in vitro. *Drug and Chemical Toxicology* 45(2): 940-946.
20. Djelić N., Radaković M., Borozan S., Dimitrijević-Srećković V., Pajović N., Vejnović B., Borozan N., Bankoglu E.E., Stopper H., Stanimirović Z. (2019) Oxidative stress and DNA damage in peripheral blood mononuclear cells from normal, obese, prediabetic and diabetic persons exposed to adrenaline in vitro. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis* 843: 81-89.
21. Montag G., Bankoglu E.E., Bolte A., Hintzsche H., Djelić N., Stopper H. (2019) Differentiated and exponentially growing HL60 cells exhibit different sensitivity to some genotoxic agents in the Comet assay. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis* 845: 402972.
22. Topalović D., Dekanski D., Spremo-Potparević B., Djelić N., Bajić V., Živković L. (2018) Assessment of adrenaline-induced DNA damage in whole blood cells with the comet assay. *Arhiv za Higijenu Rada i Toksikologiju* 69(4): 304-308.
23. Vasiljević J.D., Živković L.P., Čabarkapa A.M., Bajić V.P., Djelić N.J., Spremo-Potparević B.M. (2016) Cordyceps sinensis: genotoxic potential in human peripheral blood cells and antigenotoxic properties against hydrogen peroxide by Comet assay. *Alternative Therapies in Health and Medicine* Suppl. 2: 24-31.
24. Stanimirović M., Petrujkić B., Delić N., Djelić N., Stevanović J., Stanimirović Z. (2012) Dietary conjugated linoleic acid influences the content of stearic acid in porcine adipose tissue. *Veterinarni Medicina* 57(2): 92-100.

## Radovi u međunarodnim časopisima (M23)

25. Ferizović H., Spasojević N., Puškaš N.S., Stefanović B., Janković M., Djelić N., Dronjak S. (2023) URB597 attenuates stress-induced ventricular structural remodeling by modulating cytokines, NF-kappa B, and JAK2/STAT3 pathways in female and male rats. *Canadian Journal of Physiology and Pharmacology* 101(8): 400-412.

26. Rajković M., Glavinić U., Ristanić M., Čosić M., Dimitrijević-Srećković V., Ilić I., Djelić N. (2021) Does organic sprouted whole wheat grain flourless bread decrease DNA damage in diabetic patients? *Acta Veterinaria* (Beograd) 71(3), 273-284.
27. Nešić I., Krstić N., Djelić N., Zdravković M., Tošković B., Djordjević M., Blagojević M. (2020) Liver anatomy, intrahepatic vascular and biliary branching system of the mole rat (*Spalax leucodon*) *Folia morphologica* 80(4): 888-894.
28. Popović-Bubujuk S., Djelić N., Muster A., Kataranovski D., Andjelković M. (2018) Influence of cadmium chloride on the frequency of micronuclei in DA and AO rats. *Genetika* 50(2): 705-716.
29. Bošnjak-Neumüller J., Rančić D., Pećinar I., Djelić N., Dajić-Stevanović Z. (2018) Micromorphology and histochemistry of trichomes of endemic *Nepeta rtanjensis* (Lamiaceae). *Pakistan Journal of Botany* 50(1): 259-269.
30. Bošnjak- Neumüller J., Djelić N., Radaković M., Kolarević S., Mitić-Ćulafić D., Dajić-Stevanović Z., Vuković-Gačić B., Knežević-Vukčević J., Stanimirović Z. (2017) Genotoxicity of triiodothyronine: Effects on *Salmonella typhimurium* TA100 and human lymphocytes in vitro. *Genetika* 49(2): 387-397
31. Bošnjak-Neumüller J., Radaković M., Djelić N., Vuković-Gačić B., Dajić-Stevanović Z., Kolarević S., Mišić D., Stanković M., Knežević-Vukčević J., Spremo-Potparević B., Stanimirović Z. (2017) *Nepeta rtanjensis* (Lamiaceae), a plant endemic to the Balkans: Phenolic composition, antioxidant activity, and in vitro antigenotoxic effects in triiodothyronine-induced DNA damage in human lymphocytes. *Pakistan Journal of Pharmaceutical Sciences* 30(2): 625-634.
32. Dačić S., Djelić N., Radaković M., Lakić N., Veselinović A., Ristanić M., Andjelković M. (2016) Effects of photopolymerisation on genotoxicity of composite adhesives in the Comet assay. *Genetika* 48(2): 617-627.
33. Maletić J., Djelić N., Radaković M., Maletić M., Lakić N., Kukolj V., Aleksić N., Andjelković M., Stanimirović Z. (2015) Evaluation of DNA damage in rat lymphocytes exposed to tulathromycin in vitro. *Genetika* 47(1): 339-348.
34. Radaković M., Djelić N., Stevanović J., Soković M., Radović D., van Griensven L.J.L.D., Stanimirović Z. (2015) Evaluation of antigenotoxic effects of the royal sun mushroom, *Agaricus brasiliensis* (Higher Basidiomycetes) in human lymphocytes treated with thymol in the comet assay. *International Journal of Medicinal Mushrooms*, 17(4): 321-330.
35. Popović-Bubujuk S., Muster A., Djelić N., Kataranovski D., Andjelković M. (2014) Induction of micronuclei by cadmium chloride in AO rats depends on age and sex. *Genetika* 46(3): 1003-1012.

36. Radaković M., Djelić N., Stevanović J., Andjelković M., Kolarević S., Dačić S., Stanimirović Z. (2014) The investigation of DNA damage induced by adrenaline in human lymphocytes in vitro. *Acta Veterinaria* (Beograd), 64(3): 281-292.
37. Plećaš-Solarović B., Djelić N., Bajić V., Živković L., Spremo-Potparević B. (2014) Cytogenetic alterations in peripheral cells of Alzheimer's disease patients. *Genetika* 46(1): 315-330.
38. Maletić M., Vakanjac S., Djelić N., Lakić N., Pavlović M., Nedić S., Stanimirović Z. (2013) Analysis of lactoferrin gene polymorphism and its association to milk quality and mammary gland health in Holstein-Friesian cows. *Acta Veterinaria* (Beograd), 63(5-6): 487-498.
39. Popović-Bubujuk S., Bojat N, Djelić N., Dronjak S., Kostadinović Lj., Galonja Coghill T., Andjelković M. (2013) The effect of different acute concentrations of cadmium chloride on the frequency of micronuclei in AO rats. *Genetika*, 45(3): 727-736.
40. Živković L., Djelić N., Bajić V., Bogavac-Stanojević N., Žukovec D., Čabarkapa A., Spremo-Potparević B. (2013) Evaluation of DNA damage in lymphocytes of young, elderly and Alzheimer's disease patients treated with  $\beta$ -estradiol in the Comet assay. *Journal of Medical Biochemistry* 32(3): 238-244.
41. Blagojević M., Nesić I., Djelić N., Jović S., Djordjević M., Savić-Stevanović V. (2013) The common iliac artery in the ground squirrel (*Citellus citellus*). *Acta Veterinaria* (Beograd), 63(4): 463-470.
42. Spasojević N., Jovanović P., Spasojević-Tišma V., Djelić N., Dronjak S. (2011) Differential in vivo regulation of TH and DBH mRNA in rat atria by maprotiline and fluoxetine. *Archives of Biological Sciences* 63(3): 597-601.
43. Radaković M., Djelić N., Stanimirović Z., Plećaš-Solarović B., Spremo-Potparević B., Živković L., Bajić V. (2011) Evaluation of the effects of ephedrine on human lymphocytes in the Comet assay. *Acta Veterinaria* (Beograd), 61(4): 363-371.
44. Stanimirović Z., Aleksić N., Stevanović J., Ćirković D., Mirilović M., Djelić N., Stojić V. (2011) The influence of pulverised sugar dusting on the degree of infestation of honey bee colonies with *Varroa destructor*. *Acta Veterinaria* (Beograd), 61(2-3): 309-325.
45. Bajić V., Su B., Lee H-G., Kudo W, Siedlak S.L., Živković L., Spremo-Potparević B., Djelić N., Milićević Z., Singh A.K., Fahmy L.M., Wang X., Smith M., Zhu X. (2011) Mislocalization of CDK11/PITSLRE, a regulator of the G2/M phase of the cell cycle, in Alzheimer disease. *Cellular and Molecular Biology Letters* 16(3): 359-372.

46. Bajić V., Spremo-Potparević B., Živković L., Djelić N., Smith M.A. (2008): Is the time dimension of the cell cycle re-entry in AD regulated by centromere cohesion dynamics? *Bioscience Hypotheses* 1(3): 156-161.
47. Djelić N., Spremo-Potparević B., Živković L., Marković B., Dačić S. (2008) In vitro analysis of clastogenic effects of adrenaline on human lymphocytes. *Archives of Biological Sciences* 60(3): 15P-16P.
48. Bajić V., Djelić N., Spremo-Potparević B., Živković L., Milićević Z. (2008) A study on the genotoxic effects of 8-Cl-cAMP on human lymphocytes in vitro. *Russian Journal of Genetics* 44 (5): 546-552.
49. Djelić N., Nešić I., Stanimirović Z., Jovanović S. (2007) Evaluation of the genotoxic effects of thyroxine using in vivo cytogenetic test on Swiss albino mice. *Acta Veterinaria* (Beograd) 57(5-6): 487-495.
50. Djelić N., Djelić D., Spremo-Potparević B., Živković L., Marković B. Lozanče O., Blagojević M. (2007) Lack of clastogenic effects of L-thyroxine in whole-blood cultured human lymphocytes. *Genetics and Molecular Biology* 30(4): 1144-1149.
51. Djelić N., Spremo-Potparević B., Marković B., Živković L., Djelić D. (2006) Cell cycle kinetics and cytogenetic changes in human lymphocytes exposed to oestradiol in vitro. *Acta Veterinaria* (Beograd) 56 (1): 37-48.
52. Djelić N., Spremo-Potparević B., Djelić D. (2005) Mutagenic activity of estradiol evaluated by an in vitro micronucleus assay. *Acta Biologica Hungarica* 56 (3-4): 403-406.
53. Marković B., Stanimirović Z., Djelić N. (2004) Evaluation of genotoxic effects of thiamulin S in vivo. *Acta Veterinaria* (Beograd) 54 (2-3): 239-246.
54. Djelić N., Anderson D. (2003) The effect of the antioxidant catalase on oestrogens, triiodothyronine and noradrenaline in the Comet assay. *Teratogenesis, Carcinogenesis and Mutagenesis* 23 (2): 69-81.
55. Djelić N., Djelić D., Spremo-Potparević B., Marković B., Živković L. (2003) Cytogenetic analysis of the effects of epinephrine on cultured human lymphocytes. *Acta Veterinaria* (Beograd) 53 (2-3): 113-120.
56. Marković B., Stanimirović Z., Djelić N., Andjelković M. (2002) Evaluation of genotoxic effects of ipronidazol (Gastrogal 10) in cultures of human peripheral blood lymphocytes. *Acta Veterinaria* (Beograd) 52 (4): 273-280.
57. Djelić N., Djelić D. (2002) Enhanced sister-chromatid exchange rate in human lymphocytes exposed to 17 $\beta$  estradiol in vitro. *Archives of Medical Research* 33 (2): 148-151.
58. Djelić N. (2002) Evaluation of mitogenic effects of oxytocin on cultured human lymphocytes. *Acta Veterinaria* (Beograd) 52 (1): 19-26.

59. Djelić N. (2001) Analysis of sister-chromatid exchanges and micronuclei in cultured human lymphocytes treated with insulin. *Folia Biologica* (Praha) 47 (1): 28-31.
60. Djelić N., Djelić D. (2000) Evaluation of cytotoxic and genotoxic effects of permethrin using in vitro micronucleus test. *Acta Veterinaria* (Beograd) 50 (4): 263-270.
61. Djelić N. (1999) Proliferative kinetics of human lymphocytes treated with cloprostenol in vitro. *Acta Veterinaria* (Beograd) 49 (5-6): 379-384.
62. Djelić D., Lozanče O., Djelić N., Drekić D. (1999) Influence of estradiol on neurons of nucleus basomedialis in the amygdaloid complex of female rats. *Acta Veterinaria* (Beograd) 49 (4): 231-238.
63. Djelić N., Andjelković M., Soldatović B., Cvetković D. (1997) In vitro and in vivo cytogenetic analysis of the effects of cloprostenol on mammalian cells. *Acta Veterinaria* (Beograd) 47 (2-3): 151-158.
64. Djelić N., Zimonjić D., Soldatović B., Adamović V. (1995) Influence of organic condensate from drinking-water on mitotic activity and SCE frequency in cultured human lymphocytes. *Acta Veterinaria* (Beograd) 45 (4): 217-224.
65. Djelić N., Soldatović B., Andjelković M. (1994) Effect of cloprostenol on the mitotic index and SCE frequency in cultures of human lymphocytes. *Acta Veterinaria* (Beograd) 44 (5-6): 337-344.
66. Davidović V., Isenović E., Djelić N. (1988) Changes in serum free fatty acids and heat production in fasted rats treated with dopamine - diurnal variations. *Medical Science Research* 16: 475-476.

#### **Radovi u nacionalnim časopisima (M50)**

1. Živković L., Topalović D., Djelić N., Popović P., Marković M., Gunjić I., Spremo-Potparević B. (2024) The basic principles of DNA damage detection by the alkaline comet assay. *Arhiv za farmaciju* 74: 556-568.
2. Bojkovski J., Millan M.MM., Angelovski B., Mitrović A., Nedić S., Arsić S., Pavlović I, Zdravković N., Prodanović R., Djelić N. (2023) The role of genetics in the health protection of pigs on commercial farms (research review). *Lucrări Științifice Medicină Veterinară* 16(3): 15-19.
3. Topalović D., Živković L., Djelić N., Bajić V., Spremo-Potparević B. (2020) Analysis of tiazofurin-induced dna damage in human whole blood cells using an in vitro comet assay. *Medicinski časopis* 54(3): 91-95.

4. Topalović D., Živković L., Djelić N., Bajić V., Čabarkapa A., Jović S., Spremo-Potparević B. (2015) Genotoksični potencijal nesteroidnih hormona. *Veterinarski glasnik*, 69(3-4): 255-267.
5. Živković L., Plećaš B., Bajić V., Djelić N., Spremo-Potparević B. (2011) Evaluation of DNA damage in peripheral blood lymphocytes of Alzheimer's disease patients by Comet test. *Arhiv za Farmaciju*, 61(1): 28-41.
6. Djelić N., Stanimirović Z., Stevanović J., Radaković M. (2009) Importance of leptin gene polymorphism in cattle. *Contemporary Agriculture* 58(1-2): 159-169.
7. Djelić N. (2002) Mechanisms of genotoxic effects of hormones. *Genetika*, 34(2-3): 59-71.
8. Djelić N., Djelić D. (2001) Mutagenic effects of hormones. *Acta Medica Medianae*, 2001(4): 53-67.
9. Djelić N., Soldatović B., Djelić D. (2000) Cytogenetic evaluation of insulin effects on cultured human lymphocytes. *Archives of Biological Sciences*, 52(3): 27P-28P.
10. Djelić N. (2000) Epigenetic mechanisms of carcinogenesis. *Acta Medica Medianae*, 2000(4): 31-42.
11. Djelić N., Soldatović B. (1998) Mitotic activity and cell cycle kinetics in cultures of human lymphocytes treated with insulin. *Genetika*, 30(2): 125-131.
12. Djelić N., Soldatović B. (1998) Molecular mechanisms of carcinogenesis. *Veterinarski Glasnik*, 52(3-4): 131-139.
13. Djelić N. (1998) Effect of permethrin on mitotic activity of cultured human lymphocytes. *Pesticidi*, 13: 233-238.
14. Djelić N. (1997) Steroid hormones and cancer. *Veterinarski Glasnik* 52(1-2): 3-14.
15. Djelić N., Soldatović B., Anđelković M., Milutinović R. (1997) The rate of sister-chromatid exchanges in cultured human peripheral blood lymphocytes treated with permethrin. *Genetika* 29 (2): 97-102.
16. Djelić N., Soldatović B., Djelić D. (1997) Analysis of chromosomal aberrations in human lymphocyte cultures treated with permethrin. *Veterinarski Glasnik* 51 (5-6): 211-216.
17. Djelić N. (1996) Genotoxicity of steroid hormones. *Veterinarski Glasnik* 50 (11-12): 855-863.
18. Lozanče O., Cvetković D., Drekić D., Djelić N. (1996) Different reactivity of nucleus medialis (NM) of the amygdaloid complex (AC) in male and female rat brain after neonatal progesterone treatment. *Macedonian Veterinary Review* 25 (1-2): 41-47.

**Apstrakti i radovi u celini na domaćim i međunarodnim naučnim skupovima (M30, M60):**

1. Djelić N., Borozan S., Dimitrijević-Srečković V., Ristanić M., Glavinić U., Bankoglu E.E., Stopper H. (2023) Increased genome sensitivity to adrenaline during various phases of progression through type 2 diabetes mellitus, 45<sup>th</sup> Environmental Mutagen Society of India (EMSI) Meeting and International Conference on “Environmental Mutagenesis and Toxicogenomics: Human Health Perspectives” (invited lecture, on-line in English), Department of Zoology, Aligarh Muslim University, Aligarh, Uttar Pradesh, India
2. Stevanović J., Ristanić M., Glavinić U., Djelić N., Stanimirović Z. (2023) DNA analyzes in the assessment of biodiversity in agroecosystems, Proceedings of the IV Regional Symposium Protection of agrobiodiversity and preservation of autochthonous breeds of domestic animals, June 29-July 1, 2023. pp. 98- 108, Dimitrovgrad, Serbia (Invited lecture).
3. Rajković M., Djelić N., Stanimirović Z. (2019) Genotoxic effects of nonsteroidal hormones (invited lecture), VI kongres Društva genetičara Srbije, Vrnjačka Banja, 13-17. okt., p. 03.
4. Tubić J., Marković A., Ranković B., Kosanić M., Djelić N., Radaković M., Grujičić D., Milošević-Djordjević O. (2018) Comet test u detekciji antigenotoksičnog efekta etanolnog ekstrakta gljive *Lactarius piperatus*. Drugi kongres biologa Srbije, Kladovo, Sept. 25th-30th, p. 135.
5. Radaković M., Djelić N., Borozan S., Dimitrijević-Srečković V., Pajović N., Stopper H., Stanimirović Z. (2018) Oxidative stress and DNA damage in lymphocytes from normal, obese, prediabetic and diabetic persons exposed to adrenaline in vitro. 46th EEMGS/30th GUM meeting, Potsdam, Germany.
6. Radaković M., Davitkov D., Borozan S., **Djelić N.**, Vicić I., Stevanović J., Stanimirović Z. (2017) Oxidative DNA damage in horses naturally infected with *Theileria equi*. 12th International Comet Assay Workshop (ICAW), University of Navarra, Pamplona, Spain, Aug. 29th-31st.
7. Radaković M., Borozan S., Djelić N., Ivanović S., Spremo-Potparević B., Živković L., Stanimirović Z. (2016) Protein oxidative damage and level of acute phase proteins in Wistar rats treated with adrenaline. International conference of environmental and occupational health (ICOETox), Porto, Portugal, June 21st-23rd., p. 71.
8. Radaković M., Djelić N., Stevanović J., Soković M., Glavinić U., Griensven L.J.L.D., Stanimirović Z. (2014) Evaluation of antigenotoxic potential of *Agaricus blazei* extract against thymol in the Comet assay. 5th Congress of the Serbian Genetic Society, Belgrade, Sept. 28th- Oct 2nd., p.156.



9. Žukovec-Topalović D., Čabarkapa A., Živković L., Djelić N., Bajić V., Dekanski D., Spremo-Potparević B. (2014) DOLE protects leucocytes from hormone-induced DNA damage in vitro. 5th Congress of the Serbian Genetic Society, Belgrade, Sept. 28th- Oct 2nd., p.151.
10. Popović-Bubujuk S., Bojat N.Č., Muster A., Djelić N., Dronjak S., Kostadinović L., Coghill-Galonja T., Kataranovski D., Andjelković M. (2014) Age and sex dependent influence of cadmium chloride on the frequency of micronuclei in AO rats. 5th Congress of the Serbian Genetic Society, Belgrade, Sept. 28th- Oct 2nd., p.147.
11. Maletić J., Radaković M., Djelić N., Lakić N., Maletić M., Vejnović B., Stanimirović Z. (2014) Evaluation of the DNA damage in rat lymphocytes exposed to tulathromycin in vitro. 5th Congress of the Serbian Genetic Society, Belgrade, Sept. 28th- Oct 2nd., p.144.
12. Bosnjak J., Radaković M., Djelić N., Glavinić U., Vuković-Gačić B., Knežević-Vukčević J., Stanimirović Z. (2014) Evaluation of genotoxicity of triiodothyronine in prokaryotic and eukaryotic test-systems. 5th Congress of the Serbian Genetic Society, Belgrade, Sept. 28th- Oct 2nd., p.137.
13. Maletić M., Vakanjac S., Djelić N., Lakić N., Stevanović J., Glavinić U., Stanimirović Z. (2014) Association of lactoferrin gene polymorphism with mammary gland health and production characteristics of Holstein-Friesian cows. 5th Congress of the Serbian Genetic Society, Belgrade, Sept. 28th- Oct 2nd., p.75.
14. Vučićević M., Stevanović J., Vučićević I., Pantelić A., Djelić N., Resanović R., Stanimirović Z. (2012) Bird gender determination in function of management of hunting feathered game. International Symposium on hunting, Faculty of Agriculture, Zemun, June 22-24., p. 86-89.
15. Vučićević M., Stevanović J., Simeunović P., Vučićević I., Djelić N., Stanimirović Z., Stojić V. (2012) Analysis of CHD gene in gender determination of protected bird species. International Symposium on hunting, Faculty of Agriculture, Zemun, June 22-24., p. 79-82.
16. Radaković M., Djelić N. (2010) Influence of adrenaline on DNA damage of human lymphocytes in the Comet assay. 40th Annual Meeting of the European Environmental Mutagen Society, "Environmental Mutagenesis in the North", Oslo, Norway, p. 341.
17. Djelić N., Radaković M., Stanimirović Z., Plečaš-Solarović B., Spremo-Potparević B., Živković L., Bajić V. (2010) Evaluation of DNA damage in human lymphocytes treated with ephedrine. 40th Annual Meeting of the European Environmental Mutagen Society, "Environmental Mutagenesis in the North", Oslo, Norway, p. 300.

18. Živković L., Spremo-Potparević B., Plećaš-Solarović B., Djelić N., Bajić V. (2010) Evaluation of mutagenic effects of oestradiol on human leukocytes of elderly and young donors in the Comet assay. 40th Annual Meeting of the European Environmental Mutagen Society, "Environmental Mutagenesis in the North", Oslo, Norway, p. 260.
18. Stevanović J., Stanimirović Z., Djelić N., Radaković M. (2009) Parentage verification and sex determination in cattle using molecular markers (invited lecture). 4rd Congress of Serbian Genetic Society, Tara, June 1st-5th, p. 156.
20. Djelić N., Radaković M., Spremo-Potparević B., Plećaš-Solarović B., Živković L., Bajić V. (2009) Evaluation of the DNA damage level in human lymphocytes exposed to ephedrine in vitro. 4rd Congress of Serbian Genetic Society, Tara, June 1st-5th, p. 59.
21. Radaković M., Djelić N., Plećaš-Solarović B., Spremo-Potparević B., Živković L., Bajić V. (2009) Antioxidants reduce DNA damage induced by adrenaline in the Comet assay (invited lecture). 4rd Congress of Serbian Genetic Society, Tara, June 1st-5th, p. 48.
22. Stevanović J., Stanimirović Z., Radaković M., Djelić N. (2009) Utvrđivanje roditeljstva i pola goveda iz uzoraka biološkog materijala primenom molekularnih markera. Zbornik predavanja sa XXX seminara za inovacije znanja veterinara, Beograd, Srbija, 13. februar, pp. 47-53.
23. Djelić N., Radaković M. (2008) Conservation genetics of game. 10th Regional symposium in animal clinical pathology and therapy, Clinica Veterinaria, Kragujevac, Sept. 1st-5th, pp. 106-107.
24. Djelić N., Borozan S., Radaković M., Spremo-Potparević B., Živković L., Marković B., Bajić V. (2008) Analysis of genotoxic effects and oxidative status in Wistar rats treated with adrenaline. 20th International Congress of Genetics, Berlin, Germany, July 12-17, p.340.
25. Djelić N., Žegura B., Filipič M., Spremo-Potparević B., Živković L. (2008) Evaluation of DNA damage in human hepatoma HepG2 cell line treated with thyroxine and microcystin-LR. 20th International Congress of Genetics, Berlin, Germany, July 12-17, p.340.
26. Bajić V., Spremo-Potparević B., Živković L., Djelić N. (2006) Flow-cytometric analysis of the cell cycle in peripheral blood lymphocytes exposed to antitumor agents 8-Cl-cAMP, taxol and mitomycin C with and without the induction of premature centromere separation. IV Kongres farmaceuta, 28. Nov. – 2. Dec., Beograd
27. Spremo-Potparević B., Živković L., Bajić V., Djelić N. (2006) Cytogenetic findings of cerebral cortex cells in Alzheimer's disease. American Journal of Medical Genetics, 14th Congress on the Psychiatric Genetics, Cagliari, Italy, October 28th – Nov. 1st. (oral presentation), p. 711.

28. Bajić V., Spremo-Potparević B., Djelić N., Živković L. (2006) Induced adaptive survival response by cycloheximide in cells exposed to mytomicin C and taxol lead to genomic instability, . 4th Congress of Slovenian Genetic Society, 28th Sept.-01. Oct., Ljubljana, Slovenia, p. 145.
29. Djelić N. (2006) Mechanisms of genotoxic and mutagenic effects of hormones (invited lecture). 4th Congress of Slovenian Genetic Society, 28th Sept.-01. Oct., Ljubljana, Slovenia, p.39.
30. Bajić V., Potparević-Spremo B., Djelić N., Živković L. (2006) The genetics of premature centromere separation syndromes. 7th Balkan Meeting on Human Genetics, BMHG, Aug 31st - Sept. 2nd, Skopje, Macedonia
31. Bajić V., Spremo-Potparević B., Živković L., Djelić N., Milićević Z. (2006) The importance of premature centromere division in assessing genotoxic risk of cytostatics. 36th Annual Meeting of the European Environmental Mutagen Society, "From genes to molecular epidemiology", Prague, Czech Republic, July 2-6, p. 230.
32. Marković B., Stanimirović Z., Djelić N., Bajić V. (2005) The genotoxicity of thiamulin S in mouse germ cells. 35th EEMS Annual Meeting, "Environment and human genetic disease – causes, mechanisms and effects", Kos Island, Greece, July 3-7, p. 164.
33. Bajić V., Spremo-Potparević B., Milicević Z., Djelić N. (2005) Deregulation of the sequence of centromere separation in the metaphase-anaphase transition leads to chromosome instability and aneuploidy. 35th EEMS Annual Meeting, "Environment and human genetic disease – causes, mechanisms and effects", Kos Island, Greece, July 3-7, p. 70.
34. Živković L., Spremo-Potparević B., Bajić V., Djelić N. (2005) Detection of chromosome 18 centromere instability and aneuploidy in Alzheimer patients by using fluorescent in situ hybridization. European Conference of Human Genetics, Praha, Czech Republik, May 7-10, p. 140
35. Marković B., Djelić N. (2004) In vitro analysis of micronuclei and cell cycle kinetics in human lymphocytes exposed to epinephrine (invited lecture). 3rd Congress of Serbian Geneticists, Subotica, Nov. 30th-Dec 4th, p. 199.
36. Djelić N., Spremo-Potparević B., Djelić D., Bajić V. (2004) Evaluation of cytotoxic and genotoxic effects of oestradiol in cytokinesis block micronucleus assay (invited lecture). 3rd Congress of Serbian Geneticists, Subotica, Nov. 30th-Dec 4th, p. 195.
37. Spremo-Potparević B., Djelić N., Marković B., Bajić V. (2004) Influence of thyroxine on cell cycle kinetics of cultured human lymphocytes (invited lecture). 3rd Congress of Serbian Geneticists, Subotica, Nov. 30th-Dec 4th, p. 54.

38. Marković B., Djelić N., Stanimirović Z., Anđelković M, Marinković D. (2004) Cytogenetic effects of tiamulin S in vivo (invited lecture). 3rd Congress of Serbian Geneticists, Subotica, Nov. 30th-Dec 4th, p. 53.
39. Djelić N., Spremo-Potparević B., Živković L., Bajić V. (2004) Tiazofurin do not induce DNA damage in the Comet assay (invited lecture). 3rd Congress of Serbian Geneticists, Subotica, Nov. 30th-Dec 4th, p. 51.
40. Bajić V., Spremo-Potparević B., Djelić N., Živković L., Milićević M.Z. (2004) Ageing and the sequence of centromere separation. 34th EEMS Annual Meeting, Maastricht, Netherlands, Sept. 4-8, pp 123.
41. Marković B., Stanimirović Z., Djelić N., Bajić V. (2004) The genotoxicity of ipronidazole (Gastrogal 10) on cultured human lymphocytes. 34th EEMS Annual Meeting, Maastricht, Netherlands, Sept. 4-8, pp 117.
42. Bajić V., Spremo-Potparević B., Djelić N., Živković L. (2004) Chemical induction of premature centromere separation: a new parameter of genotoxicity? 34th EEMS Annual Meeting, Maastricht, Netherlands, Sept. 4-8, pp 108.
43. Živković L., Bajić V., Spremo-Potparević B., Djelić N. (2004) Chromosome instability of chromosome 18 in Alzheimer patients. 6th Balkan Meeting of Human Genetics (BMHG 2004), Thessaloniki, Greece, Aug. 28-31st, p. 152.
44. Bajić V., Spremo-Potparević B., Živković L., Djelić N. (2004) Sequence of centromere separation and aneuploidy in cells exposed to cytostatics. 6th Balkan Meeting of Human Genetics (BMHG 2004), Thessaloniki, Greece, Aug. 28-31st, p. 151.
45. Djelić N., Stanimirović Z., Pejović D. (2004) Genopathies of domestic cats (invited lecture). 6th International Conference in clinical pathology and therapy of animals., Budva June 14-18, pp. 352-354.
46. Bajić V., Spremo-Potparević B., Živković L., Djelić N. (2004) FISH analysis of X chromosome centromere instability in aged and AD subjects. 2nd International Conference on Functional Genomics of Ageing, April 28th-May 1st, Hersonissos, Crete, Greece, P23.
47. Djelić D., Djelić N., Nikolić Z., Drekić D., Malobabić S., Zorić Z. (2003) Nucleus basomedialis corpus amygdaloideum mužjaka pacova tretiranih 3. i 16. dana neonatalnog razvoja sa estrogenom. Folia Anatomica, XXVII Kongres Društva Anatomia Jugoslavije, Beograd, 10-11. Oktobar 2003., str.15.
48. Marković B., Stanimirović Z., Djelić N. (2003) Evaluation of cytogenetic effects of carbadox (invited lecture). 5th Conference in clinical pathology and therapy of animals., Budva June 9-13, pp 286-287.
49. Djelić N., Marković B., Djelić D. (2003) The comet assay – highly sensitive method for detection of DNA damage (invited lecture). 5th Conference in clinical pathology and therapy of animals., Budva June 9-13, pp 112-116.

50. Marković B., Djelić N., Stanimirović Z., Bajić V. (2002) The genotoxicity of Tiamulin S on cultured human lymphocytes. 32nd EEMS Annual Meeting, Warsaw, Poland Sept. 3-8.
51. Djelić N., Djelić D. (2001) Hormones and genotoxicity (invited lecture). 3rd Conference in clinical pathology and therapy of animals., Budva June 11-15., pp.107-112.
52. Djelić N., Stanimirović Z., Djelić D., Simić S. (2000) In vitro induction of cell-cycle delay in permethrin-treated human lymphocytes. 30th EEMS Annual Meeting, Budapest, Hungary, August 22-26.
53. Djelić N. (2000) Decreased mitotic activity of human lymphocytes treated with epinephrine in vitro. 30th EEMS Annual Meeting, Budapest, Hungary, August 22-26.
54. Djelić D., Djelić N. (2000) Sexual dimorphism of 3H-thymidine incorporation in basolateral amygdala in estrogen-treated rats. 30th EEMS Annual Meeting, Budapest, Hungary, August 22-26.
55. Pejović D., Stanimirović Z., Djelić N., Raičević N. (2000) Indirect and direct effects of the application of apitol in varoosis control in honey-bees. 2nd Conference in clinical pathology and therapy of animals (invited lecture), Budva June 12-16., pp.227-230.
56. Stevanović J., Stanimirović Z., Djelić N., Đurković S. (2000) Is the application of fumagillin in nosemosis treatment acceptable from a genotoxicological point of view (invited lecture). 2nd Conference in clinical pathology and therapy of animals (invited lecture), Budva June 12-16., pp.227-230.
57. Djelić N., Soldatović B. (1999) Analysis of cell cycle kinetics in cultured of human lymphocytes treated with 17 $\beta$  estradiol. 1st Symposia in fields of veterinary science and practice, Zlatibor, Serbia, 23-27. Nov., p. 80.
58. Djelić D., Lozanče O., Djelić N., Drekić D. (1999) Stereological analysis of intercalated mass of amygdaloid complex in female rats treated with estradiol. 1st Symposia in fields of veterinary science and practice, Zlatibor, Serbia, 23-27. Nov., p. 19.
59. Djelić N. (1999) Mitotic and proliferation indices of human lymphocytes treated with oxytocin in vitro. 2nd Congress of Serbian Geneticists, Soko Banja, Serbia 10-13. Nov., pp. 240-241.
60. Djelić N., Soldatović B., Djelić D. (1999) Influence of cloprostenol on the cell cycle kinetics in cultured human lymphocytes. 2nd Congress of Serbian Geneticists, Soko Banja, Serbia, 10-13. Nov., pp. 102-103.

61. Djelić N., Soldatović B., Andjelković M. (1999) Evaluation of genotoxic and mitogenic effects in cultures of human lymphocytes treated with insulin. 2nd Congress of Serbian Geneticists, Sokobanja, 10-13. Nov. , pp. 101-102.
62. Djelić N., Soldatović B. (1999) Evaluation of the effects of thyroxine in micronucleus test on cultured human lymphocytes. 29th EEMS Annual Meeting, Copenhagen, Denmark, July 4-9, Pharmacology and Toxicology 85, Suppl. I, p 44.
63. Djelić D., Djelić N., Lozanče O., Drekić D. (1998) Posterior cortical nucleus of corpus amygdaloideum in male rats treated with estrogen. The 11th European Anatomical Congress, Timisoara, Romania, Sept. 10-13th, p. 78.
64. Djelic D., Lozanče O., Djelić N., Drekić D. (1998) Morphometric analysis of the intercalated mass of corpus amygdaloideum in male rats treated with estrogen. The 11th European Anatomical Congress, Timișoara, Romania, Sept. 10-13th, pp. 77-78.
65. Djelić N. (1998) Analysis of sister-chromatid exchanges in cultured human lymphocytes treated with permethrin. 28th EEMS Annual Meeting, Salzburg, Austria, Sept. 7-11th, p. 328.
66. Djelić D., Djelić N., Soldatović B. (1998) Analysis of chromosome aberrations in cultured human lymphocytes treated with permethrin. 28th EEMS Annual Meeting, Salzburg, Austria, Sept. 7-11th, p. 328.
67. Djelić D., Djelić N., Lozanče O., Drekić D. (1998) Morphologic analysis of the intercalated mass of corpus amygdaloideum in male rats. 25th Congress of Yugoslav Association of Anatomists, Niš, Serbia, June 16-19th, Folia Anatomica Vol. 26 Suppl 2, p. 103.
68. Djelić D., Drekić D., Lozanče O., Djelić N. (1998) Sexual dimorphism of nucleus basomedialis corpus amygdaloideum neurons in male and female rats. 25th Congress of Yugoslav Association of Anatomists, Niš, Serbia, June 16-19th, Folia Anatomica Vol. 26 Suppl 2, p. 43.
69. Djelić N., Andjelković M., Soldatović B. (1997) Analysis of chromosome aberrations in cultures of human lymphocytes treated with thyroxine and 17 $\beta$  estradiol. 1st Symposium on mutagenesis and genotoxicology, Zlatibor, Serbia, Sept.15-18th, p. E4.
70. Djelić D., Lozanče O., Drekić D., Djelić N. (1997) Elevated 3H-thymidine incorporation in basomedial amygdaloid nucleus (BMA) in male and female rats neonatally treated with estrogen. 14th International Symposium on Morphological Sciences, Beijing, China, Sept. 9-13th, p. 280.

71. Djelić D., Djelić N., Lozanče O., Drekić D. (1997) Increased nuclear incorporation of 3H-thymidine in neurons of corporis amygdaloidei in male rats neonatally treated with estradiol. 7th International Conference on Environmental Mutagens, Toulouse, France, Sept. 7-12th, Mutation Research 379(1) Suppl. 1, p. S45.
72. Djelić N., Soldatović B., Anđelković M. (1997) Studies of sister-chromatid exchanges and chromosome aberrations in cultured human peripheral blood lymphocytes treated with insulin. 7th International Conference on Environmental Mutagens, Toulouse, France, Sept. 7-12th, Mutation Research 379(1) Suppl. 1, p. S44.
73. Djelić N., Anđelković M., Soldatović B., Djelić D. (1997) Cytogenetic analysis of the effects of epinephrine in human peripheral blood lymphocyte cultures. Proceedings of 3rd Conference on Drugs for Veterinary use. Igalo, Montenegro, April 14-18th, pp. 189-191.
74. Djelić D., Drekić D., Lozanče O., Djelić N., Popović S. (1997) Morphometrical analysis of nucleus basomedialis of female rats treated with estrogen. Proceedings of 3rd Conference on Drugs for Veterinary use. Igalo, Montenegro, April 14-18th, pp. 79-81.
75. Drekić D., Cvetković D., Lozanče O., Djelić N., Popović S. (1996) Influence of human chorionic gonadotrophin (hCG) on the neurons of nucleus medialis (NM) of the amygdala (AMY) in neonatally treated female rats. Morphometric analysis. 24th Congress of Yugoslav Association of Anatomists, Novi Sad, Serbia, Sept. 19-21st, Folia Anatomica Vol. 24 Suppl 2, p. 31.
76. Cvetković D., Drekić d., Lozanče O., Djelić N. (1996) Neuronal types in basolateral amygdala of the adult male rats treated with estrogen - Golgi method. . 24th Congress of Yugoslav Association of Anatomists, Novi Sad, Serbia, Sept. 19-21st, Folia Anatomica Vol. 24 Suppl 2, p. 27.
77. Djelić N., Anđelković M., Soldatović B., Cvetković D., Lozanče O. (1996) Sister-chromatid exchanges in cultured human peripheral blood lymphocytes treated with thyroxine and 17 $\beta$ -estradiol. 26th EEMS Annual Meeting: "Chromosome instability and cell cycle control" Rome, Italy, Sept. 3-7th, p. 88.
78. Cvetković D., Lozanče O., Djelić N., Drekić D. (1996) Enhanced nuclear incorporation of 3H-thymidine in neurons of corporis amygdaloidei in female rats neonatally treated with 17 $\beta$ -estradiol. 26th EEMS Annual Meeting: "Chromosome instability and cell cycle control", Rome, Italy, Sept. 3-7th, p. 87.
79. Djelić N., Anđelković M., Soldatović B., Cvetković D. (1996) Sister-chromatid exchange (SCE) in human peripheral blood lymphocyte cultures treated with cloprostenol (Sinhrogal<sup>®</sup>). Proceedings of the 2nd Conference on Drugs for Veterinary use, Igalo, Montenegro, April 21-24th, pp. 225-227.

80. Cvetković D., Drekić D., Lozanče O., Djelić N. (1995) Nucleus basomedialis corporis amygdaloidei in female rats treated with estrogen - Golgi picture. The 10th European anatomical Congress, Florence, Italy, Sept. 17-21st, p. 273.
81. Lozanče O., Drekić D., Malobabić S., Cvetković D., Djelić N. (1995) Sex difference in lateral subregion of the central nucleus (NCE) of the amygdaloid complex (AC) in the rat brain. Stereological analysis Fourth IBRO World Congress of Neuroscience, Kyoto, Japan, July 9-14th, pp. 360.
82. Cvetković D., Drekić D., Malobabić S., Lozanče O., Djelić N. (1995) Nucleus basomedialis corpus amygdaloideum (NBM AMY) in male rats neonatally treated with oestrogen Fourth IBRO World Congress of Neuroscience, Kyoto, Japan, July 9-14th, pp. 360.
83. Drekić D., Djelić N., Cvetković D., Lozanče O. (1995) The occurrence of DNA repair in nucleus basomedialis corpus amygdaloideum of male rats neonatally treated with estrogen. 2nd Congress of Yugoslav Neuroscience Association, Sv. Stefan-Kotor, Montenegro, June 1-3rd, p. 20.
84. Lozanče O., Drekić D., Cvetković D., Djelić N. (1995) Posterodorsal subregion of nucleus medialis (NM) in amygdaloid complex (AC) in male rats neonatally treated with progesterone. Stereological analysis. Proceedings of the 1st Conference on Drugs for Veterinary use, Igalo, Montenegro, April 24-29th, pp. 63-65.
85. Djelić N., Soldatović B., Cvetković D., Lozanče O. (1995) Cytogenetic effects of cloprostenol on bone marrow cells of laboratory mice. Proceedings of the 1st Conference on Drugs for Veterinary use, Igalo, Montenegro, April 24-29th, pp. 47-48.
86. Cvetković D., Drekić D., Malobabić S., Lozanče O., Djelić N. (1994) Nucleus basomedialis corpus amygdaloideum in male rats treated with estrogen. 23rd Congress of Yugoslav Association of Anatomists, Belgrade, Serbia, June 21-23rd, Folia Anatomica Vol. 21/22 Suppl 1, p. 8.
87. Djelić N., Soldatović B., Andjelković M. (1994) The influence of oxytocin on mitotic activity and the occurrence of chromosome aberrations in cultures of human peripheral blood lymphocytes. 1st Congress of Serbian Geneticists, Vrnjačka banja, Serbia, June 8-11th, pp. 4-5.
88. Novaković S., Djelić N. (1992) Importance of karyotype analysis in selection of sport horses. 1st Symposium on horse sport medicine Subotica, Serbia, Oct. 28-30th, pp. 71-72.

#### **Academske teze:**

1. Djelić N. (1997) Citogenetički efekti estradiola, tiroksina, insulina i adrenalina na limfocite čoveka in vitro *Doktorska disertacija*, Biološki fakultet, Univerzitet u Beogradu, pp. 1-179.



2. Djelic N. (1994) Genotoksikološka karakterizacija dejstva prostaglandina F<sub>2</sub> alfa (Sinhrogal<sup>®</sup>) i oksitocina (Syntocinon<sup>®</sup>) pod in vitro uslovima. *Magistarska teza*, Biološki fakultet, Univerzitet u Beogradu, pp. 1 – 87.

#### **Knjige i monografije:**

1. Djelić N. (2015) Hormoni i genotoksičnost. U “*Raznovrsnost u nastanku i trajanju*“. Zbirka naučnih radova (Urednici Stamenkovic-Radak M & Milosevic-Brockett M.). Biološki fakultet, Univerzitet u Beogradu, 155-173.
2. Stanimirović Z., Glavinić U., Djelić N., Stevanović J. (2015) *Praktikum iz zoologije*, CID, Fakultet veterinarske medicine, Univerzitet u Beogradu.
3. Stevanović J., Stanimirović Z., Djelić N. (2013) *Zoologija*, udžbenik, CID, Fakultet veterinarske medicine, Univerzitet u Beogradu, 1-405.
4. Kulić M., Stanimirović Z., Djelić N., Novaković M. (2010) *Humana genetika*, Univerzitet u Istočnom Sarajevu, Foča, Bosna i Hercegovina, 1-278.
5. Djelić N., Spremo-Potparević B., Živković L. (2008) Molekularni mehanizmi mutagenih efekata hormona. U *Recent Trends in Toxicology* Transworld Research Network, Kerala, India, 1-22.
6. Spremo-Potparević B., Živković L., Drakulić D., Bajić V., Djelić N. (2006) Premature centromere division (PCD) of the X chromosome as a bio-marker of the brain cells re-entry into the cell division cycle in Alzheimer's disease. In *Frontiers in Alzheimer's Disease Research*, Nova Science Publishers, Inc., New York, USA, 163-177.
7. Djelić N., Stanimirović Z. (2004) *Principi genetike*, udžbenik, Prvo izdanje, Elit-Medica, Beograd, 1-297.
8. Stanimirović Z., Djelić N. (2003) *Praktikum iz biologije*, Fakultet veterinarske medicine, Univerzitet u Beogradu, pp 1-305.