

## Dr Ninoslav J. Djelic - CURRICULUM VITAE

Dr. Ninoslav Djelic  
Full professor  
Department of Biology  
Faculty of Veterinary Medicine  
University of Belgrade  
Oslobodjenja Blvd 18  
11000 Beograd  
Serbia  
Tel. +381 11 3671 721  
Cell phone: +381 60 0385 450  
E-mail: ndjelic@vet.bg.ac.rs  
ORCID: 0000-0001-6787-9097



### GENERAL

First name: Ninoslav  
Family name: Djelic  
Sex: Male  
Date and place of birth: December 21<sup>st</sup> 1962; Belgrade, Yugoslavia  
Citizenship: Serbia, Permanent Resident  
Work address: Department of Biology, Faculty of Veterinary Medicine,  
University of Belgrade, Oslobodjenja Blvd 18, 11000  
Belgrade, Serbia, Phone and fax number: +381-(0)11-36  
71 721.  
E-mail: ndjelic@vet.bg.ac.rs

### EDUCATION

1977 **Elementary school**, Belgrade  
1981 **Secondary School**, 8<sup>th</sup> Belgrade's Grammar School  
(technician for biochemistry and molecular biology)  
1988 **B.Sc. - magna cum laude** (Biology), University of  
Belgrade, School of Natural Sciences and Mathematics,  
Belgrade, Yugoslavia; total average score of all exams:  
9.61 (at scale 5 to 10).  
1994 **M. Sc.** (Genetics and Molecular Biology), University of  
Belgrade, Faculty of Biology, Belgrade, Yugoslavia;  
average score of all exams: 9.92  
1997 **D.Sc. (Ph.D.)** (Genetics), University of Belgrade, Faculty  
of Biology, Belgrade, Yugoslavia

### CAREER HISTORY

1991-1994 **Junior Teaching and Research Assistant** of Biology at  
the Faculty of Veterinary Medicine, University of  
Belgrade  
1995-1998 **Teaching and Research Assistant** of Biology at the  
Faculty of Veterinary Medicine, University of Belgrade

1999-2003	<b>Tenured Assistant Professor</b> of Biology at the Faculty of Veterinary Medicine, University of Belgrade
2004-2009	<b>Tenured Associate Professor</b> of Biology at the Faculty of Veterinary Medicine, University of Belgrade
2009-ongoing	<b>Tenured Full Professor</b> of Biology at the Faculty of Veterinary Medicine, University of Belgrade
2001-2003	<b>Assistant Professor</b> of Biology and Human Genetics at the Faculty of Pharmacy, University of Belgrade (adjunct)
2004-2009	<b>Associate Professor</b> of Biology and Human Genetics at the Faculty of Pharmacy, University of Belgrade (adjunct)
2009-2011	<b>Full Professor</b> of Biology and Human Genetics at the Faculty of Pharmacy, University of Belgrade (adjunct)

## SCIENTIFIC SOCIETIES

1983 -1988	Biological Investigation Society (for students)
1994 -	Serbian Biological Society
1994 -	Serbian Genetical Society
1994 -	Serbian Environmental Mutagen Society
1997 -	European Environmental Mutagen and Genomics Society (EEMGS)
2004-	Serbian Human Genetics section
2015-	Serbian Society of Toxicology
2015-	Federation of European Toxicologists and European Societies of Toxicology (EUROTOX)
2015-	International Union of Toxicology (IUTOX)

## ORGANIZATION OF SCIENTIFIC MEETINGS

2004	Member of organising committee, Third Congress of Serbian Genetic Society, Subotica, Nov 30 <sup>th</sup> -Dec.4 <sup>th</sup> .
2009	Member of the scientific committee, Fourth Congress of Serbian Genetic Society, Tara, June 1 <sup>st</sup> -5 <sup>th</sup> .
2014	Member of the scientific committee, Fifth Congress of Serbian Genetic Society, Belgrade, Sept 28 <sup>th</sup> -Oct.2 <sup>nd</sup> .
2019	Member of the scientific committee, Sixth Congress of Serbian Genetic Society, Vrnjacka Banja, Oct 13 <sup>th</sup> -17 <sup>th</sup>

## JOURNAL REVIEWING

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

## SCIENTIFIC PROJECTS

1991-1995	Researcher in Scientific Project financed by Republic Ministry for Science and Technology
1993-1998	Researcher in Scientific Project financed by Federal Ministry for Science and Technology ( “Biomonitoring in function of preserving of indigenous animals races, health protection of domestic animals and ecosystems”).
1996-2000	Researcher in Scientific Project financed by Republic Ministry for Science and Technology (“Investigations of ethiopatogenesis, genetical and ecological factors with target to improve health protection and to increase productive – reproductive characteristics of animals and

2002-2005	health propriety of animal food“). Leader of the Scientific Project (“Evaluation of cytogenetic effects of some hormones, cytostatics and antibiotics”) financed by Serbian Ministry of Science, Technology and Development.
2005-2006	Researcher in Scientific Project (bilateral co-operation between Slovenia and Serbia) (“Influence of microcystines, oestrogens and thyroid hormones on cytogenetic changes and DNA damage in cultured human lymphocytes and HepG2 cells”)
2006-2010	Leader of the Scientific Project (“Evaluation of the effects of hormones and cytostatics using cytogenetic analysis and the Comet assay”) financed by Serbian Ministry of Science and Environmental Protection
2008-2010	Researcher in the project funded by Serbian Ministry for Science and Technological Development “Introduction of molecular-genetic markers for parentage confirmation and performance testing in cattle selection and improvement”
2011-	Researcher in the project funded by Serbian Ministry for Science and Education “Aberrations of the cell cycle and influence of the oxidative stress on neurodegenerative processes and malignant transformation of the cell”
2011-	Researcher in the project funded by Serbian Ministry for Science and Education”Molecular genetic and ecophysiological researches on the protection of autochthonous animal resources, sustaining domestic animals’ welfare, health and reproduction, and safe food production”
2013-2015	Researcher in Scientific Project (bilateral co-operation between Italy and Serbia), “Cell cycle aberrations and oxidative stress in age related neurodegenerative diseases: The role of food antioxidants”
2016-2017	Leader of the project of bilateral cooperation between Serbia and Germany (“Oxidative stress and DNA damage in lymphocytes from normal, obese, prediabetic and diabetic persons exposed to adrenaline and thyroxine in vitro”)
2016-2019	COST action CA 15132 “The Comet assay as a human biomonitoring tool – hCOMET”, MC member from Serbia
2018-2019	“Influence of organic sprouted whole grain flourless bread diet on DNA damage in diabetic patients” (leader Prof. Ninoslav Djelić), the Serbian Innovation Fund grant as an Innovation voucher No 248 for use by “Trivit” Becej company

## STUDY VISITS

- 2003 **Visiting scientist** (one month) in the Department of Biomedical Sciences, University of Bradford, UK (supervisor: Prof. Diana Anderson; grant of the Serbian Ministry of Science, Technologies and Development)
- 2006 **Visiting scientist** (three weeks) in the Department of Genetic Toxicology and Cancer Biology, National Institute of Biology, Ljubljana, Slovenia (supervisor: Assist. Prof. Metka Filipic; project of bilateral scientific co-operation between Slovenia and Serbia)

## HONORS AND RECOGNITIONS

- 1985-1988 Scholarship from Council for Development of Experts in Natural Sciences and Mathematics established in Serbian Academy of Sciences and Arts (SASA)
- 1989-1991 Scholarship from Republic Foundation for Development of Scientific and Artistic Youth
- 1999-2001 Secretary of the Serbian Biological Society
- 1999-2001 Member of Executive Board of the Serbian Biological Society
- 2002 Serbian Government Award for successful young scientists
- 2004 The second award for successful researchers in biological sciences (awarded by Serbian Ministry of Science and Environmental Protection)
- 2008- Delegate for the Assembly of Serbian Genetical Society
- 2011-2014 Member of the Ethical Committee at the Faculty of Veterinary Medicine, University of Belgrade

## SCIENTIFIC JOURNALS EDITING

- 2008-2018 *Biology and Medicine* (member of the Editorial Board)
- 2010- *Genetika* (Beograd) (member of the Editorial Board)
- 2015-2018 *SPER Journal of Advances in Toxicological Research* (member of the Editorial Board)
- 2016-2019 *Journal of Carcinogenesis and Mutagenesis* (member of the Editorial Board)
- 2019- *Recent Advances in Biology and Medicine* (member of the Editorial Board)
- 2023- *Frontiers in Genetics* (member of the Editorial Board)

## INVITED LECTURES

- 2003 Scientific coffee, tribute to „50 years of the discovery of DNA structure“, Lecture: „Genotoxicity of hormones“ (in Serbian), Faculty of Chemistry, University of Belgrade, Serbia
- 2004 Section for Human genetics within Serbian Genetical Society, Lecture: „Basic principles of the detection of DNA damage using the Comet assay“ (in Serbian), Faculty of Medicine, University of Belgrade, Serbia
- 2004 3rd Congress of Serbian Geneticists, Lecture: „Tiazofurin do not induce DNA damage in the Comet assay“ Subotica, Serbia
- 2006 4th Congress of Slovenian Genetic Society, Lecture: „Mechanisms of genotoxic and mutagenic effects of hormones ” (in English), National Institute of Biology, Ljubljana, Slovenia
- 2015 EUROTOX Specialized Course ”Genotoxicity and Carcinogenicity”, Lecture: ”Overview on the biology of carcinogenesis” (in English), Farmaceutski fakultet, Univerzitet u Beogradu
- 2017 Bilateral scientific project between Germany and Serbia, Lecture: “Oxidative stress and DNA damage in lymphocytes from normal, obese, prediabetic and diabetic persons exposed to adrenaline and triiodothyronine in vitro” (in English), Institut for Pharmacology and Toxicology, University of Würzburg, Germany
- 2019 6<sup>th</sup> Congress of Serbian Geneticists, Lecture: „Genotoxic effects of nonsteroidal hormones“ (in English), Vrnjačka banja, Serbia
- 2023 45<sup>th</sup> Environmental Mutagen Society of India (EMSI) Meeting and International Conference on “Environmental Mutagenesis and Toxicogenomics: Human Health Perspectives” Lecture: “Increased genome sensitivity to adrenaline during various phases of progression through type 2 diabetes mellitus” (on-line in English), Department of Zoology, Aligarh Muslim University, Aligarh, Uttar Pradesh, India

## RESEARCH INTEREST

- Genetic toxicology of hormones and related substances (main field).  
Influence of hormones on cell cycle kinetics and cell morphology.  
Genetic toxicology of pesticides, ecogenotoxicology.  
Genetics of ageing.

## PUBLICATIONS

66 scientific papers in international peer-reviewed journals (with impact factors)

3 chapters in leading international books

18 scientific papers in national refereed journals

6 university textbooks (3 textbooks and 3 manuals)

47 abstracts at international scientific meetings

40 abstracts and full length papers at national scientific meetings

**Summary impact factor: 71.228**

**Number of non-self citations: 439** (Scopus Sept. 6<sup>th</sup> 2024).

**h-index: 14**

## LANGUAGES

Serbian	Mother tongue
English	Fluent
Italian	Moderate
German	Elementary

## HOBBIES AND OTHER ACTIVITIES

Chess (1<sup>st</sup> category, rating on chess.com 2055)

Riding bicycle

Travelling

Personal webpage: <https://biologija.vet.bg.ac.rs/ninoslav-djelic-eng/>

## REFERENCES

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. Biljana Spremo-Potparevic**, Department of Pathobiology, Faculty of Pharmacy,  
University of Belgrade, Vojvode Stepe 450, 11000 Belgrade, Serbia Phone: +381 (0)63  
362 959. E-mail: [biljana.potparevic@pharmacy.bg.ac.rs](mailto:biljana.potparevic@pharmacy.bg.ac.rs)

### Scientific papers published in SCI journals:

1. Zivkovic L., Pirkovic A., Topalovic D., Borozan S., Bajic V., Dimitrijevic-Sreckovic V., Djelic N., Petrovic H., Milic M., Spremo-Potparevic 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
2. Rajkovic M., Glavinic U., Bogunovic D., Vejnovic B., Davitkov D., Djelic N., Stanimirovic Z. (2023) „Slow kill“ treatment reduces DNA damage in leukocytes of dogs naturally infected with *Dirofilaria immitis*. *Veterinary Parasitology* 322: 110008.
3. Ferizovic H., Spasojevic N., Puskas N.S., Stefanovic B., Jankovic M., Djelic 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.
4. Glavinic U., Rajkovic M., Ristanic M., Stevanovic J., Vejnovic B., Djelic N.J., Stanimirovic Z. (2023) Genotoxic potential of thymol on honey bee DNA in the Comet assay. *Insects* 14(5): 451.
5. Djelic N.J., Borozan SZ., Dimitrijevic-Sreckovic V., Pajovic N., Mirilovic M., Stopper H., Stanimirovic 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.
6. Markovic A., Tubic Vukajlovic J., Grujicic D., Radovic Jakovljevic M., Stankovic M., Djordjevic K., Djelic N., Radakovic M., Milosevic-Djordjevic O. (2022) Methanol extracts of *Teucrium arduini* and *Teucrium flavum* L. induce protective effect aganis mitomycin C in human lymphocytes in vitro. *Drug and Chemical Toxicology* 45(2): 940-946.
7. Rajkovic M., Glavinic U., Ristanic M., Cosic M., Dimitrijevic-Srećkovic V., Ilic I., Djelic N. (2021) Does organic sprouted whole wheat grain flourles bread decreases DNA damage in diabetic patients? *Acta Veterinaria* (Beograd) 71(3): 273-284.
8. Milic M., Ceppi M., Bruzzone M.,..... Dimitrijevic-Srećkovic V., Djelic N., .....Bonassi S. (2021) *Mutation Research – Reviews in Mutation Research* 108371.



9. Sjakste N., Djelic N., Dzintare M., Zivkovic L., (2020) DNA-binding and DNA-protecting activities of small natural organic molecules and food extracts. *Chemico-Biological Interactions* 323: 109030.
10. Nestic I., Krstic N., Djelic N., Zdravkovic M., Toskovic B. Djordjevic M., Blagojevic M. (2020) Liver anatomy, intrahepatic vascular and biliary branching system of the mole rat (*Spalax leucodon*) *Folia morphologica* 80: 888-894.
11. Djelic N., Radakovic M., Borozan S., Dimitrijevic-Sreckovic V., Pajovic N., Vejnovic B., Borozan N., Bankoglu E.E., Stopper H., Stanimirovic 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.
12. Montag G., Bankoglu E.E., Bolte A., Hintzsche H., Djelic 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.
13. Topalovic D., Dekanski D., Spremo-Potparevic B., Djelic N., Bajic V., Zivkovic 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
14. Popovic-Bubujuk S., Djelic N., Muster A., Kataranovski D., Andjelkovic M. (2018) Influence of cadmium chloride on the frequency of micronuclei in DA and AO rats. *Genetika* 50(2): 705-716.
15. Bosnjak-Neumüller J., Rancic D., Pecinar I., Djelic N., Dajic-Stevanovic Z. (2018) Micromorphology and histochemistry of trichomaes of endemic *Nepeta rtanjensis* (Lamiaceae). *Pakistan Journal of Botany* 50(1): 259-269.
16. Radakovic M., Borozan S., Djelic N., Ivanovic S., Cupic-Miladinovic D., Ristanic M., Spremo-Potparevic B., Stanimirovic Z. (2018) Nitroso-oxidative stress, acute phase response, and cytogenetic damage in Wistar rats treated with adrenaline. *Oxidative Medicine and Cellular Longevity* 2018: 1805354.
17. Bosnjak-Neumüller J., Djelic N., Radakovic M., Kolarevic S., Mitic-Culafic 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
18. Bosnjak-Neumüller J., Radakovic M., Djelic N., Vukovic-Gacic B., Dajic-Stevanovic Z., Kolarevic S., Misic D., Stankovic M., Knezevic-Vukcevic J., Spremo-Potparevic B., Stanimirovic 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.
19. Vasiljevic J.D., Zivkovic L.P., Cabarkapa A.M., Bajic V.P., Djelic N.J., Spremo-Potparevic 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.
  20. Dacic S., Djelic N., Radakovic M., Lakic N., Veselinovic A., Ristanic M., Andjelkovic M. (2016) Effects of photopolymerisation on genotoxicity of composite adhesives in the Comet assay. *Genetika* 48(2): 617-627.
  21. Maletic J., Djelic N., Radakovic M., Maletic M., Lakic N., Kukulj V., Aleksic N., Andjelkovic M., Stanimirovic Z. (2015) Evaluation of DNA damage in rat lymphocytes exposed to tulathromycin in vitro. *Genetika* 47(1): 339-348.
  22. Djelic N., Radakovic M., Spremo-Potparevic B., Zivkovic L., Bajic V., Stevanovic J., Stanimirovic Z. (2015) Evaluation of cytogenetic and DNA damage in human lymphocytes treated with adrenaline in vitro. *Toxicology in vitro* 29(1): 27-33.
  23. Radakovic M., Djelic N., Stevanovic J., Sokovic M., Radovic D., van Griensven L.J.L.D., Stanimirovic 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.
  24. Zukovec-Topalovic D., Zivkovic L., Cabarkapa A., Djelic N., Bajic V., Dekanski D., Spremo-Potparevic 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.
  25. Popovic-Bubujuk S., Muster A., Djelic N., Kataranovski D., Andjelkovic M. (2014) Induction of micronuclei by cadmium chloride in AO rats depends on age and sex. *Genetika* 46(3): 1003-1012.
  26. Cabarkapa A. Zivkovic L., Zukovec D., Djelic N., Bajic V., Dekanski D., Spremo-Potparevic 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.
  27. Radakovic M., Djelic N., Stevanovic J., Andjelkovic M., Kolarevic S., Dacic S., Stanimirovic Z. (2014) The investigation of DNA damage induced by adrenaline in human lymphocytes in vitro. *Acta Veterinaria* (Beograd), 64(3): 281-292.

28. Plecas-Solarovic B., Djelic N., Bajic V., Zivkovic L., Spremo-Potparevic B. (2014) Cytogenetic alterations in peripheral cells of Alzheimer's disease patients. *Genetika* 46(1): 315-330.
29. Maletic M., Vakanjac S., Djelic N., Lakic N., Pavlovic M., Nedic S., Stanimirovic Z. (2013) Analysis of lactoferrin gene polymorphysm and its association to milk quality and mammary gland health in Holstein-Friesian cows. *Acta Veterinaria* (Beograd), 63(5-6): 487-498.
30. Popović-Bubujuk S., Bojat N., Djelic N., Dronjak S., Kostadinović Lj., Galonja Coghill T., Andjelkovic M. (2013) The effect of different acute concentrations of cadmium chloride on the frequency of micronuclei in AO rats. *Genetika*, 45(3): 727-736.
31. Radakovic M., Stevanovic J., Djelic N., Lakic N. Knezevic-Vukcevic J., Vukovic-Gacic B., Stanimirovic Z. (2013) Evaluation of the DNA damaging effect of amitraz on human lymphocytes in the Comet assay. *Journal of Biosciences* 38(1): 53-62.
32. Zivkovic L., Djelic N., Bajic V., Bogavac-Stanojevic N., Zukovec D., Cabarkapa A., Spremo-Potparevic 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.
33. Blagojevic M., Nesic I., Djelic N., Jovic S., Djordjevic M., Savic-Stevanovic V. (2013) The common iliac artery in the ground squirrel (*Citellus citellus*). *Acta Veterinaria* (Beograd), 63(4): 463-470.
34. Stevanovic J., Stanimirovic Z., Lakic N., Djelic N., Radovic I. (2012) Stimulating effect of sugar dusting on honey bee grooming behaviour. *Entomologia Experimentalis et Applicata* 143: 23-30.
35. Stanimirovic M., Petrujkic B., Delic N., Djelic N., Stevanovic J., Stanimirovic Z. (2012) Dietary conjugated linoleic acid influences the content of stearinic acid in porcine adipose tissue. *Veterinarni Medicina* 57(2): 92-100.
36. Spasojevic N., Jovanovic P., Spasojevic-Tisma V., Djelic 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.
37. Radakovic M., Djelic N., Stanimirovic Z., Plecas-Solarovic B., Spremo-Potparevic B., Zivkovic L., Bajic V. (2011) Evaluation of the effects of ephedrine on human lymphocytes in the Comet assay. *Acta Veterinaria* (Beograd), 61(4): 363-371.
38. Stanimirovic Z., Aleksic N., Stevanovic J., Cirkovic D., Mirilovic M., Djelic N., Stojic 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.
39. Bajic V., Su B., Lee H-G., Kudo W, Siedlak S.L., Zivkovic L., Spremo-Potparevic B., Djelic N., Milicevic 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.
  40. Zivkovic L., Spremo-Potparevic B., Plecas-Solarovic B., Djelic N., Ocic G., Smiljkovic P., Siedlak S.L., Smith M.A., Bajic 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.
  41. Bajic V., Spremo-Potparevic B., Zivkovic L., Djelic 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.
  42. Djelic N., Spremo-Potparevic B., Zivkovic L., Markovic B., Dacic S. (2008) In vitro analysis of clastogenic effects of adrenaline on human lymphocytes. *Archives of Biological Sciences* 60(3): 15P-16P.
  43. Spremo-Potparevic B., Zivkovic L., Djelic N., Plecas-Solarovic B., Smith M.A., Bajic V. (2008) Premature centromere division of the X chromosome in neurons in Alzheimer's disease. *Journal of Neurochemistry* 106(5): 2218-2223.
  44. Bajic V., Djelic N., Spremo-Potparevic B., Zivkovic L., Milicevic 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.
  45. Djelic N., Nestic I., Stanimirovic Z., Jovanovic 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.
  46. Djelic N., Djelic D., Spremo-Potparevic B., Živkovic L., Markovic B. Lozance O., Blagojevic M. (2007) Lack of clastogenic effects of L-thyroxine in whole-blood cultured human lymphocytes. *Genetics and Molecular Biology* 30(4): 1144-1149.
  47. Djelic N., Spremo-Potparevic B., Bajic V., Djelic 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.

48. Zivkovic L., Spremo-Potparevic B., Djelic 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.
49. Djelic N., Spremo-Potparevic B., Markovic B., Zivkovic L., Djelic D. (2006) Cell cycle kinetics and cytogenetic changes in human lymphocytes exposed to oestradiol in vitro. *Acta Veterinaria* (Beograd) 56 (1): 37-48.
50. Djelic N., Spremo-Potparevic B., Djelic D. (2005) Mutagenic activity of estradiol evaluated by an in vitro micronucleus assay. *Acta Biologica Hungarica* 56 (3-4): 403-406.
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