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Student's Textbooks - 3

1. Vesna Matović, **Mirjana Đukić**, Biljana Antonijević, Dragana Vujanović, Zorica Plamenac. Student's Guidelines for Toxicology. Publisher: Faculty of Pharmacy, Belgrade ISBN: 86-80263-37-0. **2005**.
2. Vesna Matović, **Mirjana Đukić**, Biljana Antonijević. Student's Guidelines for Clinico-toxicological analysis. Faculty of Pharmacy, Belgrade ISBN: 86-80263-38-9. **2005**.
3. **Mirjana Đukić**, Danijela Đukić-Ćosić. Student's Guidelines for Psychoactive substances of abuse. Faculty of Pharmacy, Belgrade. ISBN 978-86-80263-65-6. **2009**.

Monographs - 2

Leading national monographies (M41) - 2

1. Oksidativni stres – kliničko-dijagnostički značaj. Izdavač: Mono i manjana. Urednik: Mirjana Djukić. ISBN 978-86-7804-155-6. Beograd 2008. (monografija)
2. Oksidativni stres – slobodni radikali, prooksidansi i antioksidansi. Izdavač: Mono i manjana. Urednik: Mirjana Djukić. ISBN 978-86-7804-156-3. Beograd 2008. (monografija).

Chapters in monographs - 3

Chapters in national monographies (M45) - 2

1. Mirjana Đukić. Prooksidativno delovanje ksenobiotika. U: Prof.dr. Vida Đorđević, i prof.dr. Dušica Pavlović. Urednici. Biohemijski markeri oksidativnog stresa u eksperimentalnoj i kliničkoj medicini. Izdavač: Medicinski fakultet u Nišu. ISBN 86-7746-087-X (zbornik radova sa naučnog skupa). jun 2006. 114-118.
2. Mirjana M Đukić. Zloupotreba psihoaktivnih supstanci kod žena/trudnica. U: Zdravlja žena u Srbiji. Izdavač: Farmaceutski fakultet. Urednik: Katarina Ilić i Ljiljana Tasić. ISBN 978-86-80263-66-3. Beograd 2009:85-96.

Chapters in international monographies (M42) - 1

1. Djukić M, Nedeljковиć M, Djukić M, Pokrajac M, Timotijević I. Distribution of disulfiram metabolites between human plasma and blood cells. In: Kovatsis AV, Tsoukali-Papadopoulou H, editors. Aspects on Forensic Toxicology. Thessaloniki: Tecnika Studio, 1995:27-31.

Original articles - 60

Top international journals ranked among the top 30% on JCR list (M21, Points: 8/article) - 10

1. Ervin Taso, Vladimir Stefanovic, Ivana Stevanovic, Danilo Vojvodic, Aleksandra Topic, Aleksandra Petkovic-Curcin, Kosovka Obradovic-Djuricic, Aleksa Markovic, **Mirjana Djukic** and Dragana Vujanović. Influence of Dental Restorations on Oxidative Stress in Gingival Crevicular Fluid. *Oxidative Medicine and Cellular Longevity* Received 1 February 2018; Accepted 25 March 2018, Published 24 July 2018. 17 pages (IF 4.44)
2. **Mirjana Djukic**, Mara Fesatidou, Iakovos Xenikakis, Athina Geronikaki, Violina T. Angelova, Vladimir Savic, Marta Pasic, Branislav Krilovic, Dusan Djukic, Borko Gobeljic, Marina Pavlica, Ana Djuric, Ivan Stanojevic, Danilo Vojvodic, Luciano Saso. In vitro antioxidant activity of thiazolidinone derivatives of 1, 3-thiazole and 1, 3, 4-thiadiazole. *Chemico-Biological Interactions*, 25 April **2018**:286: 119-131. (IF 4.593)
3. Djuric A, Begic A, Gobeljic B, Pantelic A, Zebic G, Stevanovic I, Djurdjevic D, Ninkovic M, Prokic V, Stanojevic I, Vojvodic D, **Djukic M**. Subacute alcohol and/or disulfiram intake affects bioelements and redox status in rat testes. *Food and Chemical Toxicology*. **2017**; 105: 44-51. (IF 3.778)
4. Begic A, Djuric A, Ninkovic M, Stevanovic I, Djurdjevic D, Pavlovic M, Jelic K, Pantelic A, Zebic G, --Dejanovic B, Stanojevic I, Vojvodic D, Milosavljevic P, **Djukic M**, Luciano S. Disulfiram moderately restores impaired hepatic redox status of rats

subchronically exposed to cadmium. *Journal of enzyme inhibition and medicinal chemistry*. **2017**; 32 (1): 478-89. (IF 4.293)

- Ana Djuric, Aida Begic, Borko Gobeljic, Milica Ninkovic, Ivan Stanojevic, Danilo Vojvodic, Ana Pantelic, Goran Zebic, Vera Prokic, Bratislav Dejanovic, Ivana Stojanovic, Marina Pavlica, Dusan Djukic, Luciano Saso, Dragan Djurdjevic, Milos Pavlovic, Aleksandra Topic, Dragana Vujanovic, Ivana Stevnovic, **Mirjana Djukic**. Oxidative stress, bioelements and androgen status in testes of rats subacutely exposed to cadmium. *Food and Chemical Toxicology* **2015**; 86: 25–33. (IF 3.584)
- Naveena Yanamala, Alexander A Kapralov, **Mirjana Djukic**, Jim Peterson, Gaowei Mao, Judith Klein-Seetharaman, Detcho A Stoyanovsky, Jan Stursa, Jiri Neuzil, Valerian E Kagan. Structural re-arrangement and peroxidase activation of cytochrome c by anionic analogues of vitamin E: tocopherol-succinate and tocopherol-phosphate. *J. Biol. Chem.* **2014**; 289 (47): 32488-98. (IF: 4.573)
- Djukic M**, Jovanovic M, Ninkovic M, Stevanovic I, Curcic M, Topic A, Vujanovic D, Djurdjevic D. Intrastratial pretreatment with L-NAME protects rats against from diquat neurotoxicity. *Ann Agric Environ Med* **2012**; 19 (4): 666-672. (IF: 3.060)
- Djukic M**, Jovanovic M, Ninkovic M, Stevanovic I, Ilic K, Curcic M, Vekic J. Protective role of glutathione reductase in paraquat induced neurotoxicity. *Chem Bio Inter* **2012**; 199: 74-86. (IF: 2.967)
- Fatima B. Serinkan, Yulia Y. Tyrina, **Mirjana Djukic**, Alan Schroit, Valerian E. Kagan VIT E inhibits anti-Fas induced phosphatidylserine oxidation but does not affect its externalization during apoptosis in Jurkat T cells and their phagocytosis by J774A.1 macrophages. *Antioxidants & redox signaling*, **2004**; 6 (2): 227-235. (IF: 4.17)
- Tyrina Y Yulia, Tyrin A Vladimir, Zhao Quin, **Djukic Mirjana**, Peter J. Quinn, Bruce R. Pitt, Kagan E Valerian. Oxidation of phosphatidylserine: a mechanism for plasma membrane phospholipid scrambling during apoptosis?. *BBRC* **2004**; 324: 971-976. (IF: 3.20)

Prominent international journals ranked among the top 30-60% on JCR list (M22, Points: 5/article) – 2

- Angelova, V. T., Valcheva, V., Vassilev, N. G., Buyukliev, R., Momekov, G., Dimitrov, I., Saso L., Djukic M., Shivachev, B. Antimycobacterial activity of novel hydrazide-hydrazone derivatives with 2H-chromene and coumarin scaffold. *Bioorganic & medicinal chemistry letters*. **2017**; 27 (2): 223-227. (IF: 2.930)
- Stanojevic I, Miller K, Kandolf-Sekulovic L, Mijuskovic Z, Zolotarevski L, Jovic M, Gacevic M, Djukic M, Arsenijevic N, Vojvodic D. A subpopulation that may correspond to granulocytic myeloid-derived suppressor cells reflects the clinical stage and progression of cutaneous melanoma. *International immunology*. **2015**; 28 (2): 87-97. (IF 3.748)

International Journals which are not ranked among the first 60% on JCR list (M23, Points:3/article) – 31

- Pavlović M, Đukić M, Vojvodić D, Ninković M, Stevanović I, Đurić A, Stanojević B. Moderate radioprotective role of zeolite in rats. *Vojnosanitetski pregled*, 2019 OnLine-First (00) : 136-136 (23 pages).<https://doi.org/10.2298/VSP190702136P>
- Bisevac JP, Djukic M, Stanojevic I, Stevanovic I, Mijuskovic Z, Djuric A, Gobeljic B, Banovic T, Vojvodic D. Association Between Oxidative Stress and Melanoma Progression. *Journal of Medical Biochemistry*. **2018**; 37 (1): 12-20. (IF 1.148)
- Begic A, Djuric A, Gobeljic B, Stevanovic I, Lukic V, Stanojevic I, Ninkovic M, Saso L, Vojvodic D, Djukic M. The simple isocratic HPLC—UV method for the simultaneous determination of reduced and oxidized glutathione in animal tissue. *Acta Chromatographica*. **2017**; 29 (1): 67-84. (IF: 0.755)
- Mijuskovic M, Stanojevic I, Milovic N, Cerovic S, Petrovic D, Maksic D, Kovacevic B, Andjelic T, Aleksic P, Terzic B, Djukic M. Tissue and urinary KIM-1 relate to tumor characteristics in patients with clear renal cell carcinoma. *International urology and nephrology*. **2017**; 50 (1): 63-70. (IF: 1.564)
- Topic A, Francuski D, Nikolic A, Milosevic K, Jovicic S, Markovic B, Djukic M, Radojkovic D. The Role of Oxidative Stress in the Clinical Manifestations of Childhood Asthma. *Fetal and Pediatric Pathology*. **2017**; 36(4): 294-303. (IF: 0.613)
- Jelena Pantic Bisevac, Ivan Stanojevic, Zeljko Mijuskovic, Tatjana Banovic, **Mirjana Djukic**, Danilo Vojvodic. High interleukin 27 production is associated with early clinical stage and localized disease in patients with melanoma. *J Med Biochem* **2016**; 35: 1-8. (IF: 1.148)
- Angelova VT, Vassilev NG, Nikolova-Mladenova B, Vitas J, Malbaša R, Momekov G, Djukic M, Saso L. Antiproliferative and antioxidative effects of novel hydrazone derivatives bearing coumarin and chromene moiety. *Medicinal Chemistry Research*. **2016**; 25 (9): 2082-92. (IF: 1.227)
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- Jafari AA, Miroliaei M, Angelova VT, Emamzadeh R, Djukic MM, Djuric A, Saso L. Antioxidant activity and protective role on protein glycation of synthetic aminocoumarins. *Electronic Journal of Biotechnology*. **2016**; 19(6): 43-8. (IF: 1.403)

10. Karlicic V, Vukovic J, Stanojevic I, Sotirovic J, Peric A, Jovic M, Cvijanovic V, Djukic M, Banovic T, Vojvodic D. Association of locally produced IL10 and TGFb1 with tumor size, histological type and presence of metastases in patients with lung carcinoma. *Official journal of the Balkan Union of Oncology*. **2016**; 21 (5): 1210. (IF: **1.344**)
11. Stefanović V, Taso E, Petković-Ćurčin A, Đukić M, Gardašević M, Rakić M, Xavier S, Jović M, Miller K, Stanojević I, Vojvodić D. Influence of dental filling material type on the concentration of interleukin 9 in the samples of gingival crevicular fluid. *Vojnosanitetski pregl.* **2016**; 73 (8): 728-34. (IF: **0.367**)
12. Mirjana Mijuskovic, Ivan Stanojevic, Novak Milovic, Snezana Cerovic, Dejan Petrovic, Dragan Jovanovic, Bozidar Kovacevic, Tamara Anđelic, Predrag Aleksic, Brankica Terzic, Mirjana Djukic, Danilo Vojvodic. Urinary kim-1 and aqp-1 in patients with clear renal cell carcinoma: a potential non-invasive biomarker. *Vojnosanitetski pregl.* **2016**; 73 (3): 266-272. (IF: **0.367**)
13. Jović M, Cerović S, Zolotarevska L, Gačević M, Stanojević I, Miller K, Đukić M, Saso L, Jauković L, Vojvodić D. Correlation of local and systemic expression of survivin with histopathological parameters of cutaneous melanoma. *Vojnosanitetski pregl.* **2016**; 73 (11): 1022-9. (IF: **0.367**)
14. Aleksandra Topic and Mirjana Djukic. Diagnostic Characteristics and Application of Alcohol Biomarkers. *Clin Lab*. **2013**; 59: 233-45 (IF: 1.084)
15. Djurdjevic D, **Djukic M**, Ninkovic M, Stevanovic I, Jovanovic M, Vasic U. Glutathione cycle in diquat neurotoxicity: assessed by intrastriatal pre-treatment with glutathione reductase. *Acta Veterinaria*. **2013**; 63(2-3): 159-175
16. **Djukic M**, Jovanovic M, Ninkovic M, Stevanovic I, Djurdjevic D, Vasic U. Influence of glutathione reductase on diquat neurotoxicity assessed by oxidative/nitrosative stress in the cortex of intrastrially treated rats. *Acta Vet* **2012**; 62 (5-6): 553-568.
17. Ivana D. Stevanović, Marina D. Jovanović, Ankica Jelenković, Milica Ninković, **Mirjana Đukić**, Ivana Stojanović, Miodrag Čočić. The effect of inhibition of nitric oxid synthase on aluminium-induced toxicity in the rat brain. *Gen Physiol Biophys* **2009**; 28: 235-242. (IF: 0.741)
18. Milica B. Ninković, Živorad M. Maličević, Ankica Jelenković, **Mirjana M. Đukić**, Marina D. Jovanović, Ivana D. Stevanović. Nitric oxid synthase inhibitors partially inhibit oxidative stress development in the rat brain during sepsis provoked by cecal ligation and puncture. *Gen Physiol Biophys* **2009**; 28: 243-250. (IF: 0.741)
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20. Milica Ninković, Vesna Selaković, **Mirjana Đukić**, Petar Milosavljević, Ivana Vasiljević, Marina Jovanović, Živorad Maličević. Oxidative stress in rat kidneys due to 3,4-methylenedioxymetamphetamine (ecstasy) toxicity. *Nephrology* **2008**; 13: 33–37. (IF: 1.215)
21. **Mirjana Djukic**, Marijana Curcic Jovanovic, Milica Ninkovic, Ivana Vasiljevic, Marina Jovanovic. The role of nitric oxide in paraquat-induced oxidative stress in rat striatum. *Ann Agric Environ Med* **2007**, 14 (2): 247-252. (IF: **1.074**)
22. Ćurčić Jovanović M, **Djukic M**, Vasiljević I, Ninković M and Jovanović M. Determination of nitrate by the IE-HPLC-UV method in the brain tissues of Wistar rats poisoned with paraquat. *J. Serb. Chem. Soc.* **2007**; 72(4): 347–56. (IF:0.536)
23. M Ninković, Ž Maličević, A Jelenković, MD Jovanović, **M Djukić**, I Vasiljević. Oxidative stress in the rat brain capillaries in sepsis – the influence 7-nitroindazole. *Acta Physiologica Hungarica* **2006**; 93 (4): 315-323. ISSN 0231-424X (IF:0.453)
24. Ninković M, Jovanović M, Maličević Ž, Jelenković A, **Djukic M**, Vasiljević I. Antioxidative effect of nerve growth factor (NGF) in rat thalamus after quinolinic acid-induced neurotoxicity. *Acta Veterinaria-Belgrade*. **2003**; 53 (2-3); 77-85.
25. **Djukic M**, Jovanović M, Nedeljković M, Ignjatović S, Antonijević B. Influence of a two-week disulfiram treatment on GGT and ALP activities in alcoholics. *Jugoslov Med Biochem*. **1999**; 18: 161-165.
26. **Djukic M**, Jovanović M, Nedeljković M, Antonijević B. Influence of Chronic Ethanol Intoxication on Biogenic Amines Content in Platelets. *Arch Toxicol Kinet Xenobiot Metab* **1999**; 7(1-2): 25-34.
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29. Kilibarda V, Antonijević B, Nedeljković M, **Đukić M**. High-Performance Liquid Chromatographic Determination of Captopril in Serum. *Arch Toxicol Kinet Xenobiot Metab* **1998**; 6(1): 37-44.
30. **Mirjana Djukic**, Milica Ninkovic, Marina Jovanovic. Oxidative stress-clinical diagnostic significance. *JMB* **2008**; 27 (4): 409-425. (review article)
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Unclassified journals on SCI list - 1

1. Taso E, Rakic M, Stefanovic V, Petković-Curcin A, Stanojevic I, Djukic M, Struillou X, Vojvodic D, Banovic T, Kanjevac T. Variation of the Cytokine Profiles in Gingival Crevicular Fluid Between Different Groups of Periodontally Healthy Teeth. Serbian Journal of Experimental and Clinical Research. 2019 Nov 12. (9 pages)

Scientific criticism and polemics in the prominent international journal (M25, Points:1.5) – 1

1. Stanojevic I, **Djukic M**, Vojvodic D. Authors' reply to 'Granulocytic myeloid-derived suppressor cells in peripheral blood of patients with cutaneous melanoma'. International immunology. **2015 Dec 29**; 28 (2): 101-101, ISSN: 0953-8178, doi: 10.1093/intimm/dxv078, 2016.

Article in the leading journal of national importance (M51, Points: 2/article) – 3

1. Vasiljević I, Jovanović M, Čolić M, Mihajlović R, **Djukic M**, Ninković M, Maličević Ž. Effects of various nitric oxide synthase inhibitors on quinolinic acid-induced neuronal injury in rat. Jugoslav Med Biochem, **2004**; 23(1): 11-18.
2. Milić B, Nedeljković M, **Djukić M**. HPLC metoda za određivanje oksima HI-6 i trimedoksima u plazmi. Jugoslav Med Biochem. **1995**; 14: 125-129.
3. **Djukić M**, Nedeljković M. Određivanje kateholamina u plazmi i trombocitima primenom jon-par reverzno fazne tečne hromatografije visoke preciznosti sa elektrohemijom. Jugoslav Med Biochem **1993**;12: 34-41.

Article in the journal of national importance (M52, Points: 1.5/article) – 11

1. Boban Stanojević, **Mirjana Đukić***, Ivana Stevanović, Milica Ninković, Ana Đurić, Borko Gobelj, Milan Apostolović, Ana Pantelić, Goran Zebić, Lidija Todorović, Tijana Bojić, Kiril Savovski. Zeolite pretreatment accomplishes partial brain radioprotective role by reducing iron and oxidative / nitrosative stress in rats. Hrana i ishrana (Beograd). 2018;59(1):26-32.
2. **Djukic M**, Ninkovic M, Stevanovic I, Curcic M, Ilic K, Djurdjevic D, Vujanovic D Oxidative and nitrosative stress - mediators of diquat neurotoxicity, Arch Pharm. **2012**; 62 (5): 443-460.
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4. **Djukic M**, Djuric A, Tasic Lj. Zloupotreba psihoaktivnih supstanci: uloga farmaceuta, Arch Pharm. **2012**; 62: 180-90.
5. **Mirjana Đukić**, Ljiljana Tasić, Ratka Rokvić i Jelena Rokvić. Oksidativni stres – novi proizvodi i aktivnosti na tržištu unapređenja zdravlja. Arh farm **2006**: 56 (6); 1023-1042.
6. Maksimović I, Jovanović M, Čolić M, Mičić D, Mihajlović R, **Djukic M**, Ninković M, Maličević Ž. Promene redoks stanja u strijatumu pacova izazvane hinolinskom kiselinom. Arh farm **2001**: 51 (6); 537-551.
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9. Jovanović M, Ninković M, Maličević Ž, Mihajlović R, **Djukić M**, Vasiljević I, Jelenković A, Jovičić A. Oxidative stress in the thalamus of Wistar rats treated with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Vojnosanit Pregl **1999**;56(2):113-7.
10. Jovanović M, Maličević Ž, Jovičić A, **Djukić M**, Ninković M, Jelenković A, Mršulja B. Selektivna osetljivost strijatuma na oksidativni stres. Vojnosanit Pregl **1997**; (6 Suppl):33-44.
11. Nedeljković M, **Djukić M**. Kritički osvrt na metode određivanja alkohola u biološkom materijalu u kliničkoj i sudskoj praksi. Arh farm **1995**;45(3-4):121-131.

Article in scientific journal (M53: Points: 1/article) – 1

1. Janković S, Saičić S, Nedeljković M, **Djukić M**. Nitrofurani: toksikološki značaj i metode određivanja rezidua. Tehn. mesa, 1997: XXXIX (1); 32-5.

Invited lectures - 12

Invited lecture for international meeting - printed in its entirety (M31, Points: 3/article) – 4

1. **Mirjana Djukic**. Oxidative/Nitrosative Stress Underlying neurotoxic mechanisms of paraquat. (5th World Congress on Neurology and Therapeutics, March 14-16, 2016, London, UK) Journal of Neurology & Neurophysiology **2016**; 7:1 (Suppl); doi.org/10.4172/2155-9562.C1.028
2. **Mirjana Đukić**. Oksidativni stres - kliničko-dijagnostički značaj. 4th EFCC Symposium for Balkan Region. 19-21 Jun **2008**. Belgrade
3. **Đukić M**. Adverse/toxic effects of fat stored xenobiotics during emaciation. 6th EPSA Summer University (Anorexia and Obesity), 12-18 July, **2004**, Zlatibor, Serbia & Montenegro
4. **Đukić M**, Ćurčić M, Nedeljković M, Antonijević B. Zagadjenje čovekove sredine i oksidativni stres. Bilten III simpozijuma i skupštine farmaceutskeg društva Republike Srpske "Farmaceutski dani". 17-20. oktobar, **2001**. godine.

Invited lecture for international meeting printed as an abstract (M32, Points: 1.5/article) – 8

1. **Mirjana Đukić**, Dušan Đukić, Borko Gobeljić. The risk of infections in rheumatoid arthritis patients on conventional therapy IV Simpozijum magistara farmacije Tuzlanskog kantona, **2017**. Tuzla, Bosna i Hercegovina. Zbornik radova. 4: 12-13.
2. **Mirjana Djukic**. The role of opioid receptors in paraquat neurotoxicity in rats., Treći simpozij magistara farmacije Tuzlanskog kantona: POMICANJE GRANICA I NOVI IZAZOVI U FARMACIJI, Комора магистара фармације Тузланског кантона, vol. , no. , pp. 3 - 5, issn: 2303-7229, udc: , doi: , Босна и Херцеговина, Тузла, 26. - 27. Mar, **2016**
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