

**Списак истраживача Центра изабраних у научна/наставна звања**

<b>Р.Б.</b>	<b>Име и презиме</b>	<b>Звање</b>
1.	Гордана Радосављевић	Редовни професор
2.	Иван Јовановић	Редовни професор
3.	Гордана Радић	Редовни професор
4.	Марина Митровић	Редовни професор
5.	Ратомир Јелић	Редовни професор
6.	Јелена Пантић	Ванредни професор
7.	Слађана Павловић	Ванредни професор
8.	Милан Зарић	Ванредни професор
9.	Марина Томовић	Ванредни професор
10.	Бојана Симовић Марковић	Виши научни сарадник
11.	Невена Гајовић	Доцент
12.	Милена Јуришевић	Доцент
13.	Данијела Цветковић	Доцент

## Публикације

Проф. др Гордана Радосављевић

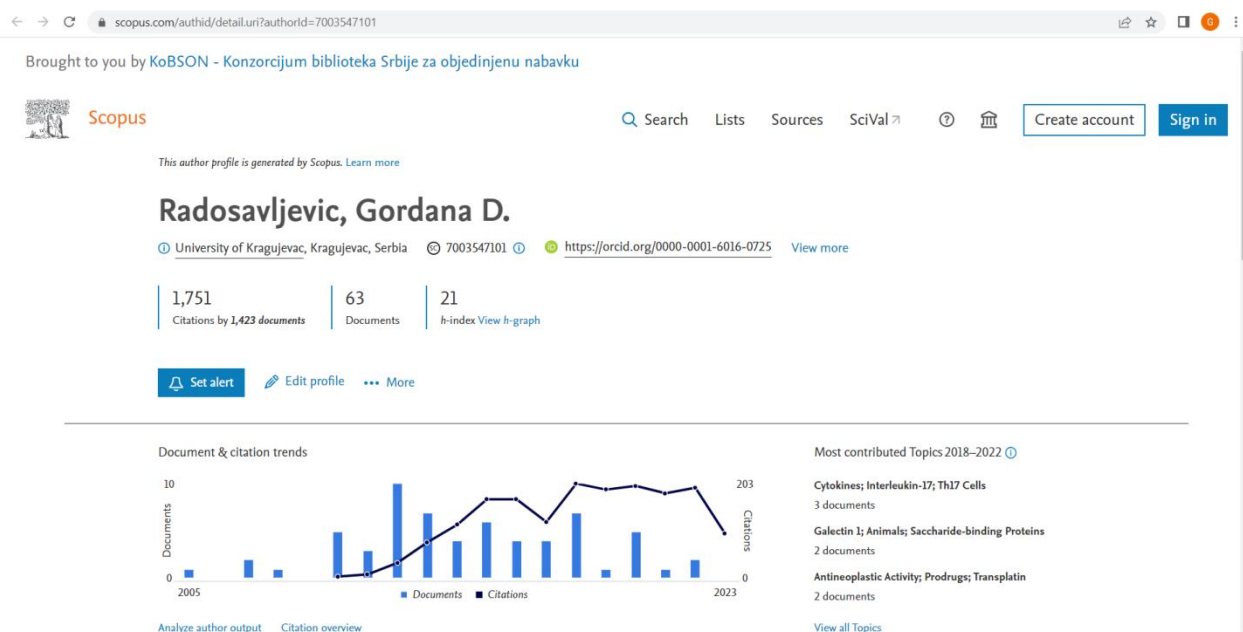
1. Ljujic B, **Radosavljevic G**, Jovanovic I, Pavlovic S, Zdravkovic N, Milovanovic M, Acimovic Lj, Knezevic M, Bankovic D, Zdravkovic D, Arsenijevic N. Elevated serum level of IL-23 correlates with expression of VEGF in human colorectal carcinoma. *Archives of Medical Research* 2010; 41:182-189. **M22; IF=1,986 (2010)**
2. **Radosavljevic G**, Ljujic B, Jovanovic I, Srzentic Z, Pavlovic S, Zdravkovic N, Milovanovic M, Bankovic D, Knezevic M, Acimovic LJ, Arsenijevic N. Interleukin-17 may be a valuable serum tumour marker in patients with colorectal carcinoma. *Neoplasma* 2010; 57(2): 135-144. **M23; IF=1,449 (2010)**
3. **Radosavljevic G**, Jovanovic I, Majstorovic M, Mitrovic M, Juranic Lisnic V, Arsenijevic N, Jonjic S, Lukic ML. Deletion of Galectin-3 in the host attenuates metastasis of murine melanoma by modulating tumor adhesion and NK cell activity. *Clin Exp Metastasis* 2011; 28(5):451-462. **M21; IF=4,113 (2010)**
4. Ravić-Nikolić A, **Radosavljević G**, Jovanović I, Zdravković N, Mitrović S, Pavlović S, Arsenijević N. Systemic photochemotherapy decrease expression of IFN- $\gamma$ , IL-12p40 and IL-23p19 in psoriatic plaque. *Eur J Dermatol* 2011; 21(1):53-57. **M21; IF=2,526 (2011)**
5. Jovanovic I, **Radosavljevic G**, Mitrovic M, Lisnic Juranic V, McKenzie ANJ, Arsenijevic N, Jonjic S. and Lukic ML. ST2 Deletion Enhances Innate and Acquired Immunity to Murine Mammary Carcinoma. *Eur J Immunol* 2011; 41(7):1902-1912. **M21; IF=5,103 (2011)**
6. Milovanovic M, Volarevic V, **Radosavljevic G**, Jovanovic I, Pejnovic N, Arsenijevic N, Lukic ML. IL-33/ST2 axis in inflammation and immunopathology. *Immunol Res* 2012; 52(1-2):89-99. **M22; IF=2,963 (2012)**
7. **Radosavljevic G**, Volarevic V, Jovanovic I, Milovanovic M, Pejnovic N, Arsenijevic N, Hsu DK, Lukic ML. The roles of Galectin-3 in autoimmunity and tumor progression. *Immunol Res* 2012; 52(1-2):100-110. **M22; IF=2,963 (2012)**
8. Borovcanin M, Jovanovic I, **Radosavljevic G**, Djukic Dejanovic S, Bankovic D, Arsenijevic N, Lukic ML. Elevated serum level of type-2 cytokine and low IL-17 in psychotic episodes. *J Psychiatr Res* 2012; 46(11):1421-1426. **M21; IF=4,544 (2012)**
9. Jovanovic I, Pejnovic N, **Radosavljevic G**, Arsenijevic N, Lukic ML. IL-33/ST2 Axis in Innate and Acquired Immunity to Tumors. *Oncol Immunology* 2012; 1(2):229-231. **M21; IF=6,283 (2013)**
10. Milovanovic M, Volarevic V, Ljujic B, **Radosavljevic G**, Jovanovic I, Arsenijevic N, Lukic ML. Deletion of IL-33R (ST2) Abrogates Resistance to EAE in BALB/C Mice by Enhancing Polarization of APC to Inflammatory Phenotype. *Plos ONE* 2012;7(9):e45225. **M21; IF=4,244 (2012)**
11. Pavlović S, Zdravković N, **Radosavljević G**, Arsenijević N, Lukić ML, Jovanović I. Interleukin-33/ST2: a new signaling pathway in immunity and immunopathology. *Vojnosanit Pregl* 2012; 69(1): 69–77. **M23; IF=0,210 (2012)**
12. Pejnovic N, Pantic J, Jovanovic I, **Radosavljevic G**, Milovanovic M, Nikolic I, Zdravkovic N, Djukic A, Arsenijevic N, Lukic M. Galectin-3 Deficiency Accelerates High-Fat Diet Induced Obesity and Amplifies Inflammation in Adipose Tissue and Pancreatic Islets. *Diabetes* 2013;62(6):1932-1944. **M21a; IF=9,105 (2013)**
13. Mechkarska M, Prajeep M, **Radosavljevic GD**, Jovanovic IP, Baloushi AA, Sonnevend A, Lukic ML, Conlon JM. An analog of the host-defense peptide hymenochirin-1B with potent broad-spectrum activity against multidrug-resistant bacteria and immunomodulatory properties. *Peptides* 2013; 50:153-159. **M22; IF=2,614 (2013)**

14. Borovcanin M, Jovanovic I, **Radosavljevic G**, Djukic-Dejanovic S, Stefanovic V, Arsenijevic N, Lukic ML. Antipsychotics can modulate the cytokine profile in schizophrenia: attenuation of the type-2 inflammatory response. *Schizophr Res* 2013;147(1):103-109. **M21; IF=5,056 (2013)**
15. **Radosavljević GD**, Jovanović I, Kanjevac T, Arsenijević N. The role of regulatory T cells in modulation of anti-tumor immune response. *Srp Arh Celok Lek* 2013;142(3-4):262-267. **M23; IF=0,169 (2013)**
16. Attoub S, Mechkarska M, Sonnevend A, **Radosavljevic G**, Jovanovic I, Lukic ML, Conlon JM. Esculentin-2CHa: a host-defense peptide with differential cytotoxicity against bacteria, erythrocytes and tumor cells. *Peptides* 2013; 39:95-102. **M22; IF=2,614 (2013)**
17. Conlon JM, Mechkarska M, **Radosavljevic G**, Attoub S, Lukic ML, McClean S. A family of antimicrobial and immunomodulatory peptides related to the frenatins from skin secretions of the Orinoco lime frog *Sphenorynchus lacteus* (Hylidae). *Peptides* 2014; 56: 132-40. **M22; IF=2,618 (2014)**
18. Jovanovic I, Pejnovic N, **Radosavljevic G**, Pantic J, Milovanovic M, Arsenijevic N, Lukic M. Interleukin-33/ST2 Axis Promotes Breast Cancer Growth and Metastases by Facilitating Intratumoural Accumulation of Immunosuppressive and Innate Lymphoid Cells. *Int J Cancer* 2014; 134(7):1669-16682. **M21; IF=5,720 (2014)**
19. Zdravkovic N, Jovanovic I, **Radosavljevic G**, Arsenijevic A, Zdravkovic N, Mitrovic S, Arsenijevic N. Potential Dual Immunomodulatory Role of VEGF in Ulcerative Colitis and Colorectal Carcinoma. *Int J Med Sci* 2014; 11(9): 936-947. **M22; IF=2,003 (2014)**
20. Jovanovic I, **Radosavljevic G**, Simovic Markovic B, Stojanovic S, Stefanovic S, Pejnovic N, Arsenijevic N. Clinical Significance of Cyclin D1, FGF3 and p21 Protein Expression in Laryngeal Squamous Cell Carcinoma. *JBUON* 2014; 19(4) : 944-952 **M23; IF=0,741 (2014)**
21. Velickovic M, Pejnovic N, Mitrovic S, **Radosavljevic G**, Jovanovic I, Kanjevac T, Jovicic N, Lukic A. ST2 Deletion Increases Inflammatory Bone Destruction in Experimentally Induced Periapical Lesions in Mice. *J Endod* 2015; 41 (3): 369-375. **M21a; IF=3,357 (2015)**
22. Borovcanin M, Jovanovic I, Djukic Dejanovic S, **Radosavljevic G**, Arsenijevic N, Lukic M. Increase systemic levels of IL-23 as a possible constitutive marker in schizophrenia. *Psychoneuroendocrinology* 2015; 56:143-147. **M21; IF=4,704 (2015)**
23. Pantic J, **Radosavljevic GD**, Jovanovic I, Arsenijevic N, Conlon J. M, Lukic M. In vivo administration of the frog skin peptide frenatin 2.1S induces immunostimulatory phenotypes of mouse mononuclear cells. *Peptides* 2015;71:269-75. **M22; IF=2,535 (2015)**
24. Jovicic N, Jetic I, Jovanovic I, **Radosavljevic G**, Arsenijevic N, Lukic ML, Pejnovic N. Differential Immunometabolic Phenotype in Th1 and Th2 Dominant Mouse Strains in Response to High-Fat Feeding. *PLoS One* 2015;10(7):e0134089 **M21; IF=3,535 (2015)**
25. Petrovic S, **Radosavljevic GD\***, Pantic J, Jovanovic I, Jankovic N, Arsenijevic N. Circulating and tissue galectin-1 and galectin-3 in colorectal carcinoma: association with clinicopathological parameters, serum CEA, IL-17 and IL-23. *J BUON* 2016; 21(4):941-949. **M23; IF=1,344 (2016)**
26. Skuletic V, **Radosavljevic GD\***, Pantic J, Simovic Markovic B, Jovanovic I, Jankovic N, Petrovic D, Jevtovic A, Dzodic R, Arsenijevic N. Angiogenic and lymphangiogenic profiles in histological variants of papillary thyroid carcinoma. *Pol Arch Intern Med* 2017; 127 (6): 429-437 **M21; IF=2,658 (2017)**
27. Pantic JM, Jovanovic IP, **Radosavljevic GD**, Gajovic NM, Arsenijevic NN, Conlon JM, Lukic ML. The frog skin host-defense peptide frenatin 2.1S enhances recruitment, activation and tumoricidal capacity of NK cells. *Peptides* 2017; 93:44-50. **M22; IF=2,851 (2017)**
28. Zdravkovic N, Pavlovic M, **Radosavljevic G**, Jovanovic M, Arsenijevic A, Zdravkovic N, Maric V, Loncarevic S, Srzentic Z, Jovanovic I. Serum levels of immunosuppressive cytokines and tumor markers in metastatic colorectal carcinoma. *JBUON* 2017; 22(5): 1-8. **M23; IF=1,766 (2017)**

29. Borovcanin MM, Jovanovic I, **Radosavljevic G**, Pantic J, Minic Janicijevic S, Arsenijevic N, Lukic ML. Interleukin-6 in Schizophrenia-Is There a Therapeutic Relevance? *Front Psychiatry* 2017; 8:221. **M22; IF= 2,857 (2017)**
30. Pantic JM, Jovanovic IP, **Radosavljevic GD**, Arsenijevic NN, Conlon JM, Lukic ML. The Potential of Frog Skin-Derived Peptides for Development into Therapeutically-Valuable Immunomodulatory Agents. *Molecules* 2017;22(12) E2071. **M22; IF= 3,268 (2017)**
31. Gajovic N, Jurisevic M, Pantic J, **Radosavljevic G**, Arsenijevic N, Lukic ML, Jovanovic I. Attenuation of NK cells facilitates mammary tumor growth in streptozotocin-induced diabetes in mice. *Endocr Relat Cancer* 2018; 25(4):493-507. **M21; IF=5,299 (2018)**
32. Jurisevic M, Arsenijevic A, Pantic J, Gajovic N, Milovanovic J, Milovanovic M, Poljarevic J, Tibor S, Vojvodic D, **Radosavljevic GD\***, Arsenijevic N. The organic ester O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di- 2-(3-cyclohexyl)propanoate dihydrochloride attenuates murine breast cancer growth and metastasis. *Oncotarget* 2018; 9(46): 28195-28212. **M21; IF=5,312 (2016)**
33. Babic ZM, Zunic FZ, Pantic JM, **Radosavljevic GD**, Jovanovic IP, Arsenijevic NN, Lukic ML. IL-33 receptor (ST2) deficiency downregulates myeloid precursors, inflammatory NK and dendritic cells in early phase of sepsis. *J Biomed Sci* 2018; 25(1):56. **M21; IF=5,203 (2018)**
34. Besser Silconi Z, Benazic S, Milovanovic J, Jurisevic M, Djordjevic D, Nikolic M, Mijajlovic M, Ratkovic Z, Radić G, Radisavljevic S, Petrovic B, **Radosavljevic G**, Milovanovic M, Arsenijevic N. DNA binding and antitumor activities of platinum(IV) and zinc(II) complexes with some S-alkyl derivatives of thiosalicylic acid. *Transit Metal Chem* 2018; 43(8):719–729 **M23; IF=1,016 (2018)**
35. Pavlovic M, Gajovic N, Jurisevic M, Mitrovic S, **Radosavljevic G**, Pantic J, Arsenijevic N, Jovanovic I. Diverse Expression of IL-32 in Diffuse and Intestinal Types of Gastric Cancer. *Gastroenterol Res Pract* 2018; 2018:6578273 **M23; IF=1,825 (2018)**
36. Stojanovic B, Jovanovic I, Stojanovic BS, Stojanovic MD, Gajovic N, **Radosavljevic G**, Pantic J, Arsenijevic N, Lukic ML. Deletion of Galectin-3 attenuates acute pancreatitis in mice by affecting activation of innate inflammatory cells. *Eur J Immunol* 2019;49(6):940-946. **M21; IF=4,298 (2019)**
37. Jurišević M, Jagić N, Gajović N, Arsenijević A, Jovanović M, Milovanović M, Pantić J, Jovanović I, Tibor S, **Radosavljević GD\***, Arsenijević N. O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride enhances influx of effective NK and NKT cells in murine breast cancer. *Vojnosanit Pregl* 2020; 77(7): 715–723. **M23; IF= 0,378 (2020)**
38. Pavlovic M, Jurisevic M, Gajovic Na, Mitrovic S, Jovanovic M, **Radosavljevic G**, Pantic J, Radovanovic D, Arsenijevic N, Jovanovic I. IL-32 expression associates with lymph vessel invasion in intestinal type of gastric cancer. *Vojnosanit Pregl* 2020; 77(8): 816–825 **M23; IF=0,378 (2019)**
39. Benazic S, Besser Silconi Z, Jevtovic A, Jurisevic M, Milovanovic J, Mijajlovic M, Nikolic M, Kanjevac T, Ivan Potočňák, Samořová E, Ratkovic ZR, Radic G, Milovanovic M, Pantic J, Arsenijevic N, **Radosavljevic GD\***. The Zn(S-pr-thiosal)2 complex attenuates murine breast cancer growth by inducing apoptosis and G1/S cell cycle arrest. *Future Med Chem* 2020; 12(10): 897–914 **M21; IF=4,604 (2020)**
40. Jevtovic A, Pantic J, Jovanovic I, Milovanovic M, Stanojevic I, Vojvodic D, Arsenijevic N, Lukic ML, **Radosavljevic GD\***. Interleukin-33 pretreatment promotes metastatic growth of murine melanoma by reducing the cytotoxic capacity of CD8+ T cells and enhancing regulatory T cells. *Cancer Immunol Immunother* 2020;69(8):1461-1475. **M21; IF=6,968 (2020)**
41. Milovanovic J, Arsenijevic A, Stojanovic B, Kanjevac T, Arsenijevic D, **Radosavljevic G**, Milovanovic M, Arsenijevic N. Interleukin-17 in Chronic Inflammatory Neurological Diseases. *Front Immunol* 2020;11:947. **M21; IF=7,624 (2020)**
42. Borovcanin MM, **Radosavljevic GD**, Pantic J, Milovanovic J, Mijailovic NR, Arsenijevic AN, Arsenijevic NN. Contrasting Roles of the Galectin-3 in the Schizophrenia Onset, Clinical

Presentation, and Somatic Comorbidity. *Curr Top Med Chem* 2021;21(16):1471-1487. **M22; IF=4,255 (2021)**

43. Koricanac A, Tomic Lucic A, Veselinovic M, Bazic Sretenovic D, Bucic G, Azanjac A, Radmanovic O, Matovic M, Stanojevic M, Jurisic Skevin A, Simovic Markovic B, Pantic J, Arsenijevic N, **Radosavljevic GD**, Nikolic M, Zornic N, Nesic J, Muric N, Radmanovic B. Influence of antipsychotics on metabolic syndrome risk in patients with schizophrenia. *Front Psychiatry* 2022;13:925757. **M21; IF=5,556 (2021)**,
44. Silconi ZB, Rosic V, Benazic S, **Radosavljevic G**, Mijajlovic M, Pantic J, Ratkovic ZR, Radic G, Arsenijevic A, Milovanovic M, Arsenijevic N, Milovanovic J. The Pt(S-pr-thiosal)2 and BCL1 Leukemia Lymphoma: Antitumor Activity In Vitro and In Vivo. *Int J Mol Sci* 2022;23(15):8161. **M21; IF=6,628 (2021)**



### Проф. др Иван Јовановић

1. Djurdjevic P, Zelen I, Ristic P, **Jovanovic I**, Jakovljevic V, Baskic D, Popovic S and Arsenijevic N. Oxidative stress accelerate spontaneous apoptosis of B-chronic lymphocytic leukemia lymphocytes. *J BUON* 2009;14(2):281-287. **M23; IF=0,600 (2009)**
2. Ljujic B, Radosavljevic G, **Jovanovic I**, Pavlovic S, Zdravkovic N, Milovanovic M, Acimovic Lj, Knezevic M, Bankovic D, Zdravkovic D, Arsenijevic N. Elevated serum level of IL-23 correlates with expression of VEGF in human colorectal carcinoma. *Archives of Medical Research* 2010; 41:182-189. **M22; IF=1,986 (2010)**
3. Radosavljevic G, Ljujic B, **Jovanovic I**, Srzentic Z, Pavlovic S, Zdravkovic N, Milovanovic M, Bankovic D, Knezevic M, Acimovic LJ, Arsenijevic N. Interleukin-17 may be a valuable serum tumour marker in patients with colorectal carcinoma. *Neoplasma* 2010; 57(2): 135-144. **M23; IF=1,449 (2010)**

4. Radosavljevic G, **Jovanovic I**, Majstorovic M, Mitrovic M, Juranic Lisnic V, Arsenijevic N, Jonjic S, Lukic ML. Deletion of Galectin-3 in the host attenuates metastasis of murine melanoma by modulating tumor adhesion and NK cell activity. *Clin Exp Metastasis* 2011; 28(5):451-462. **M21; IF=4,113 (2010)**
5. Ravić-Nikolić A, Radosavljević G, **Jovanović I**, Zdravković N, Mitrović S, Pavlović S, Arsenijević N. Systemic photochemotherapy decrease expression of IFN- $\gamma$ , IL-12p40 and IL-23p19 in psoriatic plaque. *Eur J Dermatol* 2011; 21(1):53-57. **M21; IF=2,526 (2011)**
6. **Jovanovic I**, Radosavljevic G, Mitrovic M, Lisnic Juranic V, McKenzie ANJ, Arsenijevic N, Jonjic S. and Lukic ML. ST2 Deletion Enhances Innate and Acquired Immunity to Murine Mammary Carcinoma. *Eur J Immunol* 2011; 41(7):1902-1912. **M21; IF=5,103 (2011)**
7. Milovanovic M, Volarevic V, Radosavljevic G, **Jovanovic I**, Pejnovic N, Arsenijevic N, Lukic ML. IL-33/ST2 axis in inflammation and immunopathology. *Immunol Res* 2012; 52(1-2):89-99. **M22; IF=2,963 (2012)**
8. Radosavljevic G, Volarevic V, **Jovanovic I**, Milovanovic M, Pejnovic N, Arsenijevic N, Hsu DK, Lukic ML. The roles of Galectin-3 in autoimmunity and tumor progression. *Immunol Res* 2012; 52(1-2):100-110. **M22; IF=2,963 (2012)**
9. Borovcanin M, **Jovanovic I**, Radosavljevic G, Djukic Dejanovic S, Bankovic D, Arsenijevic N, Lukic ML. Elevated serum level of type-2 cytokine and low IL-17 in psychotic episodes. *Journal of Psychiatric Research* 2012; 46(11):1421-1426. **M21; IF=4,066 (2012)**
10. **Jovanovic I**, Pejnovic N, Radosavljevic G, Arsenijevic N, Lukic ML. IL-33/ST2 Axis in Innate and Acquired Immunity to Tumors. *OncoImmunology* 2012;1(2):229-231 **M21; IF=6,283 (2013)**
11. Milovanovic M, Volarevic V, Ljubic B, Radosavljevic G, **Jovanovic I**, Arsenijevic N, Lukic ML. Deletion of IL-33R (ST2) Abrogates Resistance to EAE in BALB/C Mice by Enhancing Polarization of APC to Inflammatory Phenotype. *Plos ONE* 2012;7(9):e45225. **M21; IF=3,730 (2012)**
12. Pavlović S, Zdravković N, Radosavljević G, Arsenijević N, Lukić ML, **Jovanović I**. Interleukin-33/ST2: a new signaling pathway in immunity and immunopathology. *Vojnosanit Pregl* 2012;69(1):69-77. **M23; IF=0,210 (2012)**
13. Pejnovic N, Pantic J, **Jovanovic I**, Radosavljevic G, Milovanovic M, Nikolic I, Zdravkovic N, Djukic A, Arsenijevic N, Lukic M. Galectin-3 Deficiency Accelerates High-Fat Diet Induced Obesity and Amplifies Inflammation in Adipose Tissue and Pancreatic Islets. *Diabetes* 2013;62(6):1932-1944. **M21a; IF=8,474 (2013)**
14. Mechkarska M, Prajeep M, Radosavljevic GD, **Jovanovic IP**, Baloushi AA, Sonnevend A, Lukic ML, Conlon JM. An analog of the host-defense peptide hymenochirin-1B with potent broad-spectrum activity against multidrug-resistant bacteria and immunomodulatory properties. *Peptides* 2013;50:153-159. **M22; IF=2,614 (2013)**
15. Borovcanin M, **Jovanovic I**, Radosavljevic G, Djukic-Dejanovic S, Stefanovic V, Arsenijevic N, Lukic ML. Antipsychotics can modulate the cytokine profile in schizophrenia: attenuation of the type-2 inflammatory response. *Schizophrenia Research* 2013;147(1):103-109. **M21; IF=4,426 (2013)**
16. Radosavljević G, **Jovanović I**, Kanjevac T, Arsenijević N. The role of regulatory T cells in modulation of anti-tumor immune response. *Srp Arh Celok Lek* 2013;142(3-4):262-267. **M23; IF=0,169 (2013)**
17. Attoub S, Mechkarska M, Sonnevend A, Radosavljevic G, **Jovanovic I**, Lukic ML, Conlon JM. Esculentin-2CHa: a host-defense peptide with differential cytotoxicity against bacteria, erythrocytes and tumor cells. *Peptides* 2013; 39C:95-102. **M22; IF=2,614 (2013)**
18. **Jovanovic I**, Pejnovic N, Radosavljevic G, Pantic J, Milovanovic M, Arsenijevic N, Lukic M. Interleukin-33/ST2 Axis Promotes Breast Cancer Growth and Metastases by Facilitating Intratumoural Accumulation of Immunosuppressive and Innate Lymphoid Cells. *Int J Cancer* 2014; 134(7):1669-16682. **M21; IF=5,531 (2015)**

19. Zdravkovic N, **Jovanovic I**, Radosavljevic G, Arsenijevic A, Zdravkovic N, Mitrovic S, Arsenijevic N. Potential Dual Immunomodulatory Role of VEGF in Ulcerative Colitis and Colorectal Carcinoma. *Int J Med Sci* 2014; 11(9): 936-947 **M21; IF=2,232 (2015)**
20. **Jovanovic I**, Radosavljevic G, Simovic Markovic B, Stojanovic S, Stefanovic S, Pejnovic N, Arsenijevic N. Clinical Significance of Cyclin D1, FGF3 and p21 Protein Expression in Laryngeal Squamous Cell Carcinoma. *J BUON* 2014; 19(4):944-952. **M23; IF=0,741 (2014)**
21. Velickovic M, Pejnovic N, Mitrovic S, Radosavljevic G, **Jovanovic I**, Kanjevac T, Jovicic N, Lukic A. ST2 Deletion Increases Inflammatory Bone Destruction in Experimentally Induced Periapical Lesions in Mice. *J Endod* 2015; 41 (3): 369-375. **M21; IF=2,904 (2015)**
22. Borovcanin M, **Jovanovic I**, Djukic Dejanovic S, Radosavljevic G, Arsenijevic N, Lukic M. Increase systemic levels of IL-23 as a possible constitutive marker in schizophrenia. *Psychoneuroendocrinology* 2015;56:143-147. **M21; IF=4,704 (2015)**
23. Pantic J, Radosavljevic G, **Jovanovic I**, Arsenijevic N, Conlon J. M, Lukic M. In vivo administration of the frog skin peptide frenatin 2.1S induces immunostimulatory phenotypes of mouse mononuclear cells. *Peptides*. 2015;71:269-75. **M22; IF=2,535 (2015)**
24. Jovicic N, Jeftic I, **Jovanovic I**, Radosavljevic G, Arsenijevic N, Lukic ML, Pejnovic N. Differential Immunometabolic Phenotype in Th1 and Th2 Dominant Mouse Strains in Response to High-Fat Feeding *PLoS One*. 2015;10(7):e0134089 **M21; IF=3,057 (2015)**
25. Milosavljevic MZ, **Jovanovic IP**, Pejnovic NN, Mitrovic SL, Arsenijevic NN, Simovic Markovic BJ, Lukic ML. Deletion of IL-33R attenuates VEGF expression and enhances necrosis in mammary carcinoma. *Oncotarget*. 2016; 7(14):18106-15. **M21; IF=5,168 (2016)**
26. Petrovic S, Radosavljevic G, Pantic J, **Jovanovic I**, Jankovic N, Arsenijevic N. Circulating and tissue galectin-1 and galectin-3 in colorectal carcinoma: association with clinicopathological parameters, serum CEA, IL-17 and IL23. *J BUON* 2016; 21(4):941-949 **M23; IF= 1,344 (2016)**
27. Pantic JM, **Jovanovic IP**, Radosavljevic GD, Arsenijevic NN, Conlon JM, Lukic ML. The Potential of Frog Skin-Derived Peptides for Development into Therapeutically-Valuable Immunomodulatory Agents. *Molecules* 2017; 22:2071. **M22; IF= 3,268 (2017)**
28. Borovcanin M, **Jovanovic I**, Radosavljevic G, Pantic J, Minic Janicijevic S, Arsenijevic N, Lukic ML. Interleukin-6 in Schizophrenia-Is There a Therapeutic Relevance? *Front Psychiatry* 2017; 8: 221. **M22; IF= 2,857 (2017)**
29. Zdravkovic N, Pavlovic M, Radosavljevic G, Jovanovic M, Arsenijevic A, Zdravkovic N, Maric V, Loncarevic S, Srzentic Z, **Jovanovic I**. Serum levels of immunosuppressive cytokines and tumor markers in metastatic colorectal carcinoma. *J BUON* 2017; 22(5): 1-8 **M23; IF=1,766 (2017)**
30. Pantic JM, **Jovanovic IP**, Radosavljevic GD, Gajovic NM, Arsenijevic NN, Conlon JM, Lukic ML. The frog skin host-defense peptide frenatin 2.1S enhances recruitment, activation and tumoricidal capacity of NK cells. *Peptides* 2017; 93:44-50 **M22; IF=2,851 (2017)**
31. Skuletic V, Radosavljevic GD, Pantic J, Simovic Markovic B, **Jovanovic I**, Jankovic N, Petrovic D, Jevtovic A, Dzodic R, Arsenijevic N. Angiogenic and lymphangiogenic profiles in histological variants of papillary thyroid carcinoma. *Pol Arch Intern Med* 2017;127(6): 429-437 **M21; IF=2,658 (2017)**
32. Lukic R, Gajovic N, **Jovanovic I**, Jurisevic M, Mijailovic Z, Maric V, Popovska Jovicic B, Arsenijevic N. Potential Hepatoprotective Role of Galectin-3 during HCV Infection in End-Stage Renal Disease Patients. *Dis Markers*. 2017; 2017: 6275987. **M21; IF=2,949 (2017)**
33. Borovcanin MM, Janicijevic SM, **Jovanovic IP**, Gajovic N, Arsenijevic NN, Lukic ML. IL-33/ST2 Pathway and Galectin-3 as a New Analytes in Pathogenesis and Cardiometabolic Risk Evaluation in Psychosis. *Front Psychiatry*. 2018; 9: 271. **M21; IF= 3,161 (2018)**
34. Jovanovic M, Gajovic N, Zdravkovic N, Jovanovic M, Jurisevic M, Vojvodic D, Maric V, Arsenijevic A, **Jovanovic I**. Fecal Galectin-3: A New Promising Biomarker for Severity and

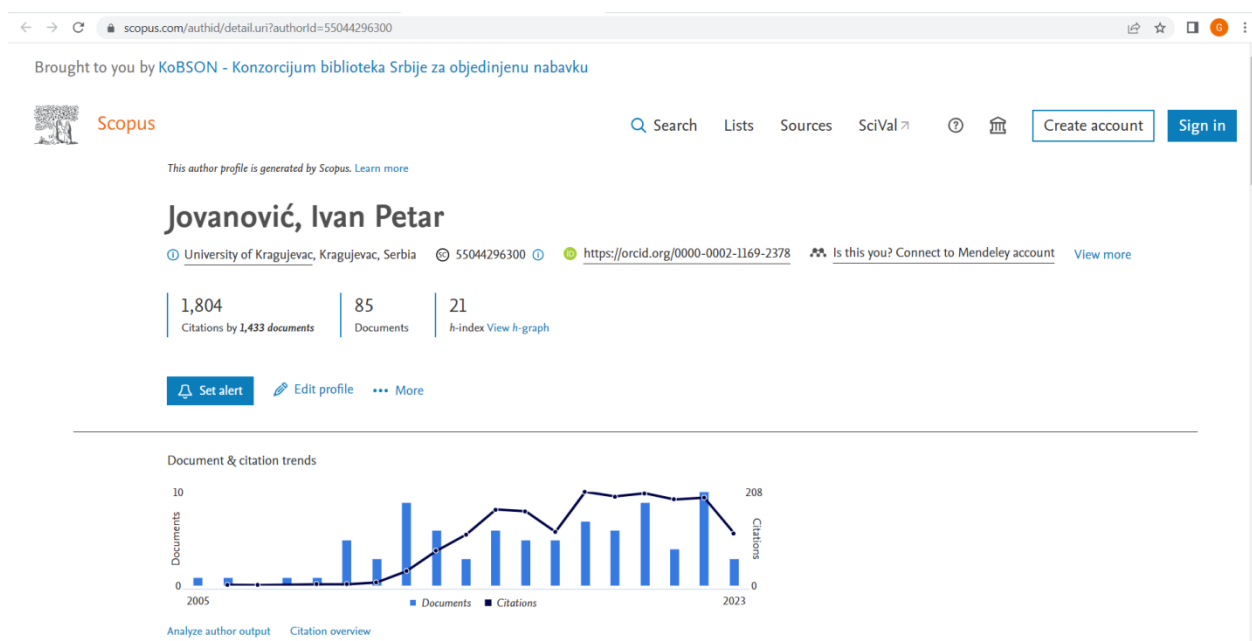
- Progression of Colorectal Carcinoma. *Mediators Inflamm.* 2018;2018:8031328. **M22; IF= 3,545 (2018)**
35. Gajovic N, Jurisevic M, Pantic J, Radosavljevic G, Arsenijevic N, Lukic ML, **Jovanovic I**. Attenuation of NK cells facilitates mammary tumor growth in streptozotocin-induced diabetes in mice. *Endocr Relat Cancer* 2018; 25(4):493-507. **M21; IF= 5,299 (2018)**
  36. Babic ZM, Zunic FZ, Pantic JM, Radosavljevic GD, **Jovanovic IP**, Arsenijevic NN, Lukic ML. IL-33 receptor (ST2) deficiency downregulates myeloid precursors, inflammatory NK and dendritic cells in early phase of sepsis. *J Biomed Sci.* 2018; 25(1):56. **M21; IF=5,203 (2018)**
  37. Pavlovic M, Gajovic N, Jurisevic M, Mitrovic S, Radosavljevic G, Pantic J, Arsenijevic N, **Jovanovic I**. Diverse Expression of IL-32 in Diffuse and Intestinal Types of Gastric Cancer. *Gastroenterol Res Pract.* 2018; 2018:6578273 **M23; IF=1.825 (2018)**
  38. Popović A, Nikolić M, Mijajlović M, Ratković Z, Jevtić V, Trifunović SR, Radić G, Zarić M, Canović P, Milovanović M, Radisavljević S, Međedović M, Petrović B, **Jovanović I**. DNA binding and antitumor activities of zinc(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. *Transition Metal Chemistry.* 2019; 44:219-228. **M23; IF= 1,366 (2019)**
  39. Stojanovic B, **Jovanovic I**, Stojanovic B, Dimitrijevic Stojanovic M, Gajovic N, Radosavljevic G, Pantic J, Arsenijevic N, Lukic ML. Deletion of Galectin-3 attenuates acute pancreatitis in mice by affecting activation of innate inflammatory cells. *Eur J Immunol.* 2019; 49(6): 940-946. **M21; IF= 4,298 (2019)**
  40. Jovanovic M, Simovic Markovic B, Gajovic N, Jurisevic M, Djukic A, **Jovanovic I**, Arsenijevic N, Lukic A, Zdravkovic N. Metabolic syndrome attenuates ulcerative colitis: Correlation with interleukin-10 and galectin-3 expression. *World J Gastroenterol.* 2019;25(43):6465-6482. **M21; IF= 4,048 (2019)**
  41. Marković N, Zarić M, Živković MD, Rajković S, **Jovanović I**, Arsenijević N, Čanović P, Ninković S. Novel platinum(II) complexes selectively induce apoptosis and cell cycle arrest of breast cancer cells in vitro. *ChemistrySelect.* 2019; 4:12971-12977 **M23; IF=1,811(2019)**
  42. Jurisevic M, Jagic N, Gajovic N, Arsenijevic A, Jovanovic M, Milovanovic M, Pantic J, **Jovanovic I**, Sabo T, Radosavljevic G, Arsenijevic N. O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride enhances influx of effective NK and NKT cells in murine breast cancer. *Vojnosanit Pregl.* 2020; 77: 715-723. **M23; IF= 0,378 (2020)**
  43. Pavlovic M, Jurisevic M, Gajovic N, Mitrovic S, Jovanovic M, Radosavljevic G, Pantic J, Radovanovic D, Arsenijevic N, **Jovanovic I**. IL-32 expression associates with lymph vessel invasion in intestinal type of gastric cancer. *Vojnosanit Pregl.* 2020; 77: 816-825. **M23; IF=0,378 (2020)**
  44. Lukic R, Cupic M, Gajovic N, Jurisevic M, Mijailovic Z, Davidovic B, Kujundzic B, Joksimovic B, Arsenijevic N, **Jovanovic I**. Increased systemic sST2 in patients with end stage renal disease contributes to milder liver damage during HCV infection. *J Infect Dev Countr* 2020; 14(5):519-526. **M23; IF=0,968 (2020)**
  45. Bošković M, Franich A, Rajković S, Jovanović M, Jurisević M, Gajović N, Jovanović M, Arsenijević N, **Jovanović I**, Živković M. Potential antitumor effect of newly synthesized dinuclear 1,5-naphthyridine-bridging palladium(II) complexes. *Chemistry Select* 2020, 5: 10549-10555 **M23; IF=2,109 (2020)**
  46. Jevtovic A, Pantic J, **Jovanovic I**, Milovanovic M, Stanojevic I, Vojvodic D, Arsenijevic N, Lukic M, Radosavljevic G. Interleukin-33 pretreatment promotes metastatic growth of murine



- melanoma by reducing the cytotoxic capacity of CD8 + T cells and enhancing regulatory T cells. *Cancer Immunol Immunother* 2020; 69:1461-1475. **M21; IF=6,968 (2020)**
47. Borovcanin M, Minic Janicijevic S, **Jovanovic I**, Gajovic N, Jurisevic M, Arsenijevic N. Type 17 Immune Response Facilitates Progression of Inflammation and Correlates with Cognition in Stable Schizophrenia. *Diagnostics* 2020; 10:926 **M21; IF=3,706 (2020)**
  48. Jovanovic D, Milovanovic D, **Jovanovic I**, Folic M, Jakovljevic V. Influence of cytokines on the postoperative period. *Clin Exp Obstet Gynecol* 2020;47(1):31–36 **M23; IF=0,146 (2020)**
  49. Konovalov B, Franich A, Jovanović M, Jurisević M, Gajović N, Jovanović M, Arsenijević N, Maric V, **Jovanović I**, Živković M Rajković S. Synthesis, DNA/BSA-binding affinity and cytotoxicity of dinuclear platinum(II) complexes with 1,6-naphthyridine bridging ligand. *Appl Organomet Chem* 2021; 35(3):e6112 **M21; IF= 4,072 (2021)**
  50. Jovanovic M, Jurisevic M, Gajovic N, Arsenijevic N, Jovic M, **Jovanovic I**, Zdravkovic N, Djukic A, Maric V, Jovanovic M. Increased Severity of Ulcerative Colitis in the Terminal Phase of the Metabolic Syndrome. *Tohoku J. Exp. Med.* 2021; 254:171-182 **M22; IF=2,547 (2021)**
  51. Petrovic Dj, Jovicic Milic S, Djukic M, Radojevic I, Jelic R, Jurisevic M, Radic G, Gajovic N, Arsenijevic N, **Jovanovic I**, Markovic N, Stojkovic D, Jevtic V. Synthesis, characterization, HSA/DNA binding, cytotoxicity study, and antimicrobial activity of new palladium(II) complexes with some esters of (S,S)-propylenediamine-N,N'-di-2-(3-methyl)butanoic acid. *Inorganica Chimica Acta* 2021; 528: 120601. **M22; IF=3,118 (2021)**
  52. Sekulic Markovic S, Jovanovic M, Gajovic N, Jurisevic M, Arsenijevic N, Jovanovic M, Jovanovic M, Mijailovic Z, Lukic S, Zornic N, Vukicevic V, Stojanovic J, Maric V, Jovic M, **Jovanovic I**. IL 33 Correlates With COVID-19 Severity, Radiographic and Clinical Finding. *Frontiers in Medicine* 2021; 8: 749569. **M21; IF=5,058 (2021)**
  53. Jovanovic Stevic S, Cocic D, Puchta R, Bogojeski J, Jurisevic M, Gajovic N, Jakovljevic S, Arsenijevic N, **Jovanovic I**, Petrovic B. Assessment of biological activity of the caffeine-derived Pt(II) and Pd(II) complexes. *Applied Organometallic Chemistry* 2021; e6532. **M21; IF= 4,072 (2021)**
  54. Borovcanin M, Minic Janicijevic S, Mijailovic N, **Jovanovic I**, Arsenijevic N, Vesic K. Uric acid potential role in systemic inflammation and negative symptoms onset in schizophrenia. *Frontiers in Psychiatry* 2021; 12: 822579. **M21; IF=5,435 (2021)**
  55. Jovanovic M, Gajovic N, Jurisevic M, Sekulic S, Arsenijevic N, Jovic M, Jovanovic M, Lukic R, **Jovanovic I**, Radovanovic D. Anti PD1 therapy activates tumoricidal properties of NKT cells and contributes to overall deceleration of tumor progression in a model of murine mammary carcinoma. *Vojnosanit Pregl.* 2022 79(8):764-773 **M23; IF=0.245 (2021)**
  56. Jovic M, Arsenijevic N, Gajovic N, Jurisevic M, **Jovanovic I**, Jovanovic M, Zdravkovic N, Maric V, Jovanovic M. Anemia of inflammation in patients with colorectal cancer: correlation with interleukin-1, interleukin-33 and galectin-1. *J Med Biochem.* 2022; 40:1-12. **M23; IF= 2,157 (2021)**
  57. Jovanovic M, Geller D, Gajovic N, Jurisevic M, Arsenijevic N, Jovanovic M, Supic G, Vojvodic D, **Jovanovic I**. Dual blockage of PD-L/PD-1 and IL33/ST2 axes slows tumor growth and improves antitumor immunity by boosting NK cells. *Life Sciences* 2022; 289:120214 **M21; IF=6,78 (2021)**

58. Sekulic Markovic S, Gajovic N, Jurisevic M, Jovanovic M, Popovska Jovicic B, Arsenijevic N, Mijailovic Z, Jovanovic M, Dolicanin Z, **Jovanovic I**. Galectin-1 as the new player in staging and prognosis of COVID-19. *Scientific Reports* 2022; DOI: 10.1038/s41598-021-04602-z **M21; IF=4,996 (2021)**
59. Dimitrijevic Stojanovic M, Franich A, Jurisevic M, Gajovic N, Arsenijevic N, **Jovanovic I**, Stojanovic B, Mitrovic S, Kljun J, Rajkovic S, Zivkovic M. Platinum(II) complexes with malonic acids: Synthesis, characterization, in vitro and in vivo antitumor activity and interactions with biomolecules. *Journal of Inorganic Biochemistry* 2022; 231:111773 **M21; IF=4,336 (2021)**
60. Jovicic Milic S, Jevtic V, Radisavljevic S, Petrovic B, Radojevic I, Rakovic I, Petrovic Dj, Stojkovic D, Jurisevic M, Gajovic N, Petrovic A, Arsenijevic N, **Jovanovic I**, Klirusric O, Vukovic N, Vukic M, Kacaniova M. Synthesis, characterization, DNA interactions and biological activity of new palladium(II) complexes with some derivatives of 2-aminothiazoles. *Journal of Inorganic Biochemistry* 2022; 233:111857 **M21; IF=4,336 (2021)**
61. Milosevic J, Jurisevic M, Grbovic V, **Jovanovic I**, Gajovic N, Jurisic-Skevin A. Potential Protective Role of Galectin-3 in Patients with Gonarthrosis and Diabetes Mellitus: A Cross-Sectional Study. *Int J Environ Res Public Health*. 2022 Sep 13;19(18):11480. **M21; IF=4,614 (2021)**
62. Minic Janicijevic S, **Jovanovic IP**, Gajovic NM, Jurisevic MM, Debnath M, Arsenijevic NN, Borovcanin MM. Galectin-3 mediated risk of inflammation in stable schizophrenia, with only possible secondary consequences for cognition. *World J Psychiatry* 2022;12(9):1183-1193. **M21; IF= 7,380 (2021)**
63. Savic G, Stevanovic I, Mihajlovic D, Jurisevic M, Gajovic N, **Jovanovic I**, Ninkovic M. MMP-9/BDNF ratio predicts more severe COVID-19 outcomes. *Int J Med Sci* 2022; 19(13): 1903-1911. **M22; IF=3,642 (2021)**
64. Nestic J, Ljubic B, Rosic V, Djukic A, Rosic M, Petrovic I, Zornic N, **Jovanovic I**, Petrovic S, Djukic S. Adiponectin and Interleukin-33: Possible Early Markers of Metabolic Syndrome. *J Clin Med* 2022;12(1):132. **M22; IF=4,964 (2021)**
65. Jovanovic M, Sekulic S, Jovic M, Jurisevic M, Gajovic N, Jovanovic M, Arsenijevic N, Jovanovic M, Mijailovic M, Milosavljevic M, **Jovanovic I**. Increased Pro Th1 And Th17 Transcriptional Activity In Patients With Severe COVID-19. *Int J Med Sci* 2023; 20(4): 530-541. **M22; IF=3,642 (2021)**
66. Gajovic N, Markovic SS, Jurisevic M, Jovanovic M, Arsenijevic N, Mijailovic Z, Jovanovic M, **Jovanovic I**. Galectin-3 as an important prognostic marker for COVID-19 severity. *Sci Rep* 2023;13(1):1460. **M21; IF=4,996 (2021)**
67. Borovcanin M, Vesic K, Arsenijevic D, Milojevic-Rakic M, Mijailovic N, **Jovanovic I**. Targeting Underlying Inflammation in Carcinoma Is Essential for the Resolution of Depressiveness. *Cells* 2023; 12(5): 710. **M21; IF=7,666 (2021)**
68. Borovcanin MM, Vesic K, Petrovic I, **Jovanovic IP**, Mijailovic NR. Diabetes mellitus type 2 as an underlying, comorbid or consequent state of mental disorders. *World J Diabetes* 2023; 14(5): 481-493 **M22; IF=4,560 (2021)**
69. Petrovic A, **Jovanovic I**, Jurisevic M, Jovanovic MZ, Jovanovic MM, Pavlovic S, Arsenijevic N, Supic G, Vojvodic D, Jovanovic MM, Gajovic N. Metformin promotes antitumor activity

- of NK cells via overexpression of miRNA-150 and miRNA-155. *Am J Transl Res* 2023;15(4): 2727-2737. **M22; IF=3,940 (2021)**
70. Divjak A, **Jovanovic I**, Matic A, Tomic Lucic A, Gajovic N, Jurisevic M, Jurisic Skevin A, Veselinovic M. The influence of vitamin D supplementation on the expression of mediators of inflammation in knee osteoarthritis. *Immunologic Research* 2023;71(3):442-450 **M22; IF=4,505 (2021)**
71. Stojanovic B, **Jovanovic I**, Dimitrijevic Stojanovic M, Jovanovic M, Vekic B, Milosevic B, Cvetkovic A, Spasic M, Stojanovic B. The Emerging Roles of the Adaptive Immune Response in Acute Pancreatitis. *Cells* 2023; 12(11): 1495. **M21; IF=7,666 (2021)**



## Проф. др Гордана Радић

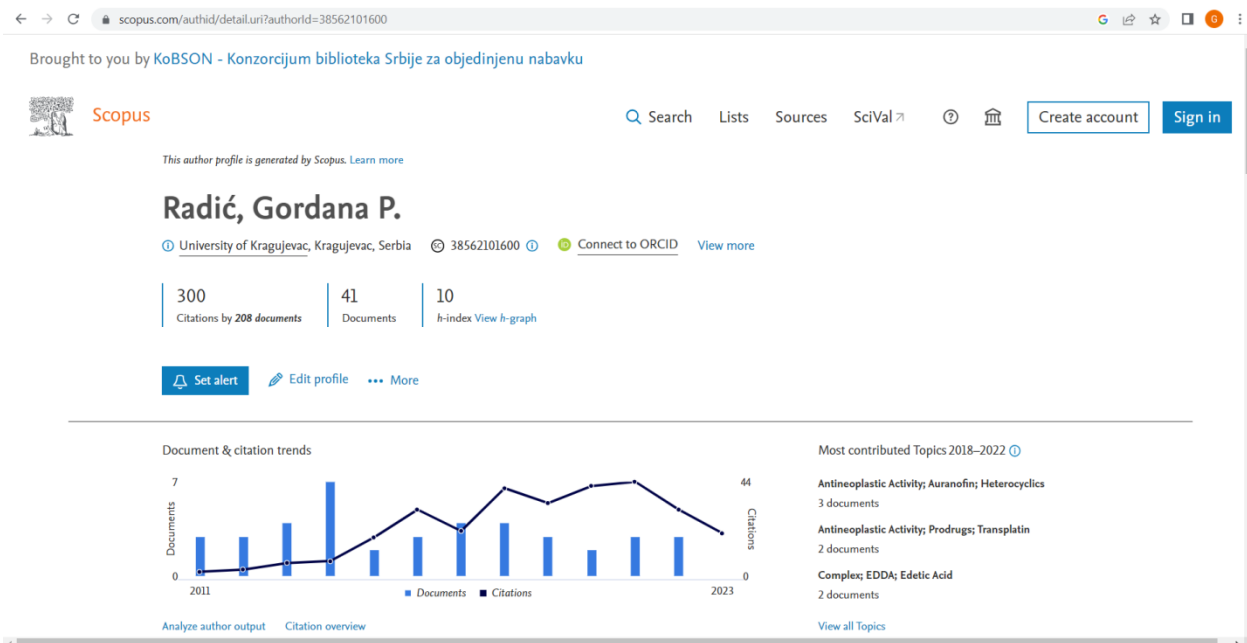
- Djinović VM, Glodjović VV, **Vasić GP**, Trajković V, Klisurić O, Stanković S, Sabo TJ, Trifunović SR. Stereospecific ligands and their complexes. IV: Synthesis, characterization and cytotoxicity of novel platinum(IV) complexes with ethylenediamine-N,N'-di-S,S-2-propanoate and halogenido ligands: Crystal structure of *s-cis*-[Pt(S,S-eddp)Cl<sub>2</sub>]·4H<sub>2</sub>O and *uns-cis*-[Pt(S,S-eddp)Br<sub>2</sub>]. *Polyhedron* 2010; 29:1933-8. **M21; IF=2,207 (2009)**
- Vasić GP**, Glodjović VV, Radojević ID, Stefanović OD, Čomić LjR, Djinović VM, Trifunović SR. Stereospecific ligands and their complexes. V. Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of (S,S)-ethylenediamine-N,N'-di-2-propanoic acid. *Inorganica Chimica Acta* 2010; 363:3606-10. **M22; IF=1,899 (2010)**
- Trifunović S, Dimitrijević D, **Vasić G**, Radulović N, Vukićević M, Heinemann FW, Vukićević RD. New Simple Synthesis of N-Substituted 1,3-Oxazinan-2-ones. *Synthesis-Stuttgart* 2010; 6:0943-6. **M22; IF=2,260 (2010)**

4. Menendez-Taboada L, Garcia-Granda S, Dimitrijevic D, **Vasic GP**, Radulovic N, Vukicevic MD, Vukicevic RD, Trifunovic SR. Crystal structure of butyl and propyl N-(3-chloropropyl)-(2S)-alaninate. *Acta Crystallographica A Foundation and Advances*. 2010; A66, 253-4. **M21; IF=24,717 (2010)**
5. **Radić GP**, Glodović VV, Kaluđerović GN, Heinemann FW, Trifunović SR. Palladium(II) complexes with R<sub>2</sub>edda-derived ligands. Part V. Reaction of O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-methyl)butanoate with K<sub>2</sub>[PdCl<sub>4</sub>]. *Transition Metal Chemistry* 2011; 36:331-6. **M23; IF=1,022 (2011)**
6. Glodjović VV, **Radić GP**, Stanić SM, Heinemann FW, Trifunović SR. Stereospecific ligands and their complexes. VI. The crystal structure of (S,S)-ethylenediamine-N,N'-di-2-propanoic acid hydrochloride, (S,S)-H<sub>2</sub>eddp·HCl. *Journal of the Serbian Chemical Society* 2011; 76(7):995-1001. **M23; IF=0,879 (2011)**
7. Stanković MZ, **Radić GP**, Glodović VV, Radojević ID, Stefanović OD, Čomić LjR, Klisurić OR, Đinović VM, Trifunović SR. Stereospecific ligands and their complexes. IX: Synthesis, characterization and antimicrobial activity of ethyl esters of (S,S)-ethylenediamine-N,N'-di-2-propanoic and (S,S)-ethylenediamine-N,N'-di-2-(3-methyl)-butanoic acids and corresponding platinum(IV) complexes: Crystal structure of tetrachloride-(O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-propanoato)platinum(IV), [PtCl<sub>4</sub>(det-S,S-eddp)]. *Polyhedron* 2011; 30:2203-9. **M22; IF=2,057 (2011)**
8. **Radić GP**, Glodović VV, Radojević ID, Stefanović OD, Čomić LjR, Ratković ZR, Valkonen A, Rissanen K, Trifunović SR. Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl derivatives of thiosalicylic acids. Crystal structure of the bis(S-benzyl-thiosalicylate)-palladium(II) complex, [Pd(S-bz-thiosal)<sub>2</sub>]. *Polyhedron* 2012; 31:69-76. **M22; IF=1,946 (2012)**
9. **Radić GP**, Glodović VV, Radojević ID, Stefanović OD, Čomić LjR, Đinović VM, Trifunović SR. Stereospecific ligands and their complexes. XI. Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of (S,S)-ethylenediamine-N,N'-di-2-(3-methyl)-butanoic acid. *Inorganica Chimica Acta* 2012; 391:44-9. **M22; IF=1,833 (2012)**
10. **Radić GP**, Glodović VV, Ratković ZR, Novaković SB, Granda SG, Roces L, Taboada LM, Radojević ID, Stefanović OD, Čomić LjR, Trifunović SR. Synthesis, characterization and antimicrobial activity of novel platinum(IV) and palladium(II) complexes with meso-1,2-diphenyl-ethylenediamine-N,N'-di-3-propanoic acid. Crystal structure of H<sub>2</sub>-1,2-dpheddp · 2HCl·H<sub>2</sub>O. *Journal of Molecular Structure* 2012; 1029:180-6. **M23; IF=1,453 (2012)**
11. Dimitrijević DP, Novaković SB, **Radić GP**, Jevtić VV, Menendez-Taboada L, Garcia-Granda S, Trifunović SR. Synthesis, characterization and crystal structure of butyl N-(3-chloropropyl)-(2S)-alaninate hydrochloride. *Journal of the Serbian Chemical Society* 2013; 78(10):1531-7 **M23; IF=0,884 (2013)**
12. Jevtić VV, Pešić M, **Radić GP**, Vuković N, Sukdolak S, Klisurić O, Podolski-Renić A, Tanić N, Trifunović SR. Synthesis, characterization and cytotoxicity of a new palladium(II) complex with a coumarin-derived ligand. Crystal structure of 4-hydroxy-3-(1-(p-tolylimino)ethyl)-2H-chromen-2-one-palladium(II) complex. *Journal of Molecular Structure* 2013; 1040:216-20. **M23; IF=1,585 (2013)**
13. Dimitrijević DP, Glodović VV, **Radić GP**, Granda SG, Taboada LM, Milovanović M, Volarević V, Arsenijević N, Bogdanović GA, Trifunović SR. Stereospecific ligands and their complexes. Part XV. Synthesis, characterization and cytotoxicity of novel platinum(IV) complexes with some esters of ethylenediamine-N,N'-di-S,S-(2,2'-dibenzyl)acetic acid. Crystal structure of O,O'-dipropyl-ethylenediamine-N,N'-di-S,S-(2,2'-dibenzyl)acetate dihydrochloride. *Inorganica Chimica Acta* 2013; 402:83-9. **M22; IF=1,991 (2013)**
14. Ilić DR, Jevtić VV, **Radić GP**, Arskin K, Ristić B, Harhaji-Trajković Lj, Vuković N, Sukdolak S, Klisurić O, Trajković V, Trifunović SR. Synthesis, characterization and cytotoxicity of a new

- palladium(II) complex with a coumarine-derived ligand. *European Journal of Medicinal Chemistry* 2014; 74:502-8. **M21; IF=3,946 (2014)**
15. Stojković DLj, Jevtić VV, **Radić GP**, Đačić DS, Ćurčić MG, Marković SD, Đinović VM, Petrović VP, Trifunović SR. Stereospecific ligands and their complexes. Part XII. Synthesis, characterization and in vitro antiproliferative activity of platinum(IV) complexes with some O,O'-dialkyl esters of (S,S)-ethylenediamine-*N,N'*-di-2-propanoic acid against colon cancer (HCT-116) and breast cancer (MDA-MB-231) cell lines. *Journal of Molecular Structure* 2014; 1062:21-8. **M23; IF=1,585 (2014)**
  16. Stojković DLj, Jevtić VV, **Radić GP**, Potočňak I, Trifunović SR. Stereospecific ligands and their complexes. Part XVII. Synthesis and characterization of ethylenediamine-*N,N'*-di-*S,S*-2-(3-methyl)butanoic acid and its platinum(IV) complex with bromido ligands. Crystal structure of *s-cis*-[PtBr<sub>2</sub>(*S,S*-eddv)]·H<sub>2</sub>O. *Journal of Molecular Structure* 2014;(1065-1066):16-20. **M23; IF=1,585 (2014)**
  17. Dimitrijević DP, **Radić GP**, Jevtić VV, Mišić M, Baskić D, Trifunović SR. Stereospecific ligands and their complexes. XX. Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of ethylenediamine-*N,N'*-di-*S,S*-(2,2'-dibenzyl)acetic acid. *Journal of Molecular Structure* 2014; 1071:128-32. **M23; IF=1,585 (2014)**
  18. Pantelić N, Zmejkovski BB, Stanojković TP, Jevtić VV, **Radić GP**, Trifunović SR, Kaluđerović GN, Sabo TJ. Synthesis and high in vitro cytotoxicity of some (S,S)-ethylenediamine-*N,N'*-di-2-propanoate dihydrochloride esters. *Journal of the Serbian Chemical Society* 2014; 79(6):649-58. **M23; IF=1,009 (2014)**
  19. Jevtić VV, **Radić GP**, Šeklić DS, Živanović MN, Marković SD, Trifunović SR. Part XVI- Stereospecific ligands and their complexes. Synthesis, characterization and in vitro antiproliferative activity of new platinum(IV) complexes with some O,O'-dialkyl esters of (S,S)-ethylenediamine-*N,N'*-di-2-propanoic acid against breast cancer (MDA-MB-231) and colon cancer (HCT-116 and SW-480) cell lines. *Macedonian Journal of Chemistry and Chemical Engineering*, 2014; 33(1):53-8. **M23; IF=0,650 (2014)**
  20. Nikolić MV, Mijajlović MŽ, Jevtić VV, Ratković ZR, Radojević ID, Čomić LjR, Novaković SB, Bogdanović GA, Trifunović SR, **Radić GP\***. Synthesis, characterization and antimicrobial activity of copper(II) complexes with some S-alkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II) complex with S-methyl derivative of thiosalicylic acid. *Polyhedron* 2014; 79:80-7. **M22; IF=1,952 (2014)**
  21. Stefanovic OD, Radojevic ID, Comic LjR, Jevtic VV, **Radic GP**, Trifunovic SR. Antioxidant and antimicrobial screening of some dialkyl esters of ethylenediamine-*N,N'*-di-*S,S*-(2,2'-dibenzyl)acetic acid and their platinum(IV) complexes. *Oxidation Communications* 2017; 40(3):1070-80. **M23; IF=0,489 (2015)**
  22. Stojković DLj, Jevtić VV, **Radić GP**, Todorović DV, Petrović M, Zarić MM, Nikolić IS, Baskić DD, Trifunović SR. Stereospecific ligands and their complexes. XXII. Synthesis and antitumor activity of palladium(II) complexes with some esters of (S,S)-ethylenediamine-*N,N'*-di-(2,2'-di(4-hydroxy-benzyl)-acetic acid. *Journal of Inorganic Biochemistry* 2015; 143:111-6. **M21; IF=3,227 (2015)**
  23. Mijajlović MŽ, Nikolić MV, Jevtić VV, Ratković ZR, Simović Marković B, Volarević V, Arsenijević NN, Novaković SB, Bogdanović GA, Trifunović SR, **Radić GP\***. Cytotoxicity of palladium(II) complexes with some alkyl derivatives of thiosalicylic acid. Crystal structure of the bis(S-butyl-thiosalicylate)palladium(II) complex, [Pd(S-bu-thiosal)<sub>2</sub>]. *Polyhedron* 2015; 90:34-40. **M22; IF=1,973 (2015)**
  24. Jevtic VV, **Radić GP**, Stefanović OD, Radojević ID, Vasić S, Čomić LjR, Đinović VM, Trifunović SR. Part XXIII. Synthesis and characterization of platinum(IV) complexes with O,O'-dialkyl esters of (S,S)-ethylenediamine-*N,N'*-di-2-(3-methyl)butanoic acid and bromido ligands. Antimicrobial, antibiofilm and antioxidant screening. *Inorganica Chimica Acta* 2016; 442:105-10. **M22; IF=1,749 (2016)**

25. Nikolić MV, Mijajlović MŽ, Jevtić VV, Ratković ZR, Novaković SB, Bogdanović GA, Milovanović J, Arsenijević A, Stojanović B, Trifunović SR, **Radić GP\***. Cytotoxicity of copper(II)-complexes with some S-alkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II)-complex with S-ethyl derivative of thiosalicylic acid. *Journal of Molecular Structure* 2016; 1116:264-71. **M23; IF=1,561 (2016)**
26. Mijajlović MŽ, Nikolić MV, Jevtić VV, Ratković ZR, Milovanović J, Arsenijević A, Stojanović B, Novaković SB, Bogdanović GA, Trifunović SR, **Radić GP\***. Cytotoxicity of platinum(IV) and palladium(II) complexes with *meso*-1,2-diphenyl-ethylenediamine-*N,N'*-di-3-propanoic acid. Crystal structure of [Pd(1,2-dpheddp)] complex. *Macedonian Journal of Chemistry and Chemical Engineering* 2016; 35(1):79-86. **M23; IF=0,538 (2016)**
27. Bukonjić AM, Tomović DLj, Nikolić MV, Mijajlović MŽ, Jevtić VV, Ratković ZR, Novaković SB, Bogdanović GA, Radojević ID, Maksimović JZ, Vasić SM, Čomić LjR, Trifunović SR, **Radić GP\***. Antibacterial, antibiofilm and antioxidant screening of copper(II)-complexes with some S-alkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II)-complex with S-propyl derivative of thiosalicylic acid. *Journal of Molecular Structure* 2017; 1128:330-7. **M23; IF=1,784 (2017)**
28. Tomović DLj, Bukonjić AM, Jevtić VV, Ratković ZR, Bogojeski JV, Đeković A, Radojević ID, Čomić LjR, Novaković SB, Bogdanović GA, Trifunović SR, **Radić GP\***, Cupara S. DNA binding, antibacterial and antifungal activities of copper(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. *Transition Metal Chemistry* 2018; 43(2):137-148. **M23; IF=0,969 (2018)**
29. Stojković DLj, Jevtić VV, **Radić GP**, Đukić MB, Jelić RM, Zarić MM, Anđelković MV, Mišić MS, Baskić DD, Trifunović SR. Stereospecific ligands and their complexes. XXIV. Synthesis and characterization of platinum(II) complexes with some alkyl esters of (*S,S*)-ethylenediamine-*N,N'*-di-(2,2'-di(4-hydroxy)-benzyl)-acetic acid. Binding interactions with DNA and HSA and some biological properties of these ligands and their palladium(II) and platinum(II) complexes. *New Journal of Chemistry* 2018; 42(5):3924-35. **M22; IF= 3,038 (2018)**
30. Silconi ZB, Benazic S, Milovanovic J, Jurisevic M, Djordjevic D, Nikolic M, Mijajlovic M, Ratkovic Z, **Radić G**, Radisavljevic S, Petrovic B, Radosavljevic G, Milovanovic M, Arsenijevic N. DNA binding and antitumor activity of platinum(IV) and zinc(II)-complexes with some S-alkyl derivatives of thiosalicylic acid. *Transition Metal Chemistry* 2018; (43(8):719-29. **M23; IF=0,969 (2018)**
31. Bukonjić AM, Tomović DLj, Stanković AS, Jevtić VV, Ratković ZR, Bogojeski JV, Milovanović JZ, Đorđević DB, Arsenijević AN, Milovanović MZ, Potočňák I, Trifunović SR, **Radić GP\***. Synthesis, characterization and biological activity of copper(II) complexes with ligands derived from  $\beta$ -amino acids. *Transition Metal Chemistry* 2019; 44(1):65-76. **M23; IF= 1,089 (2019)**
32. Popović A, Nikolić M, Mijajlović M, Ratković Z, Jevtić V, Trifunović SR, **Radić G\***, Zarić M, Canović P, Milovanović M, Radisavljević S, Međedović M, Petrović B, Jovanović I. DNA binding and antitumor activities of zinc(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. *Transition Metal Chemistry* 2019; 44(3):219-28. **M23; IF= 1,089 (2019)**
33. Jovanović S, Bogojeski J, Nikolić MV, Mijajlović MŽ, Tomović DLj, Bukonjić AM, Knežević Rangelov SM, Mijailović NR, Ratković Z, Jevtić VV, Petrović B, Trifunović SR, Novaković S, Bogdanović G, **Radić GP**. Interactions of binuclear copper(II) complexes with S-substituted thiosalicylate derivatives with some relevant biomolecules. *Journal of Coordination Chemistry* 2019; 72(10):1603-20. **M23; IF= 1,269 (2019)**
34. Benazic S, Besser Silconi Z, Jevtovic A, Jurisevic M, Milovanovic Jelena, Mijajlovic M, Nikolic M, Kanjevac T, Potočňák I, Samolova E, Ratkovic ZR, **Radic G**, Milovanovic M, Pantic J, Arsenijevic N, Radosavljevic GD. Zn(S-pr-thiosal)2 complex attenuates murine breast cancer growth by inducing apoptosis and G1/S cell cycle arrest. *Future Medicinal Chemistry (Future Med. Chem.)* 2020; 12(10): 897-914. **M21; IF=4,604 (2020)**

35. Dimitrijević J, Arsenijević AN, Milovanović MZ, Arsenijević NN, Milovanović JZ, Stanković AS, Bukonjić AM, Tomović DLj, Ratković ZR, Potočňák I, Samoľová E, **Radić GP\***. Synthesis, characterization and cytotoxic activity of binuclear copper(II)-complexes with some S-isoalkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II)-complex with S-isopropyl derivative of thiosalicylic acid. *Journal of Inorganic Biochemistry* 2020; 208; 111078. **M21; IF=3,613 (2020)**
36. Jovicic-Milic SS, Jevtic VV, Avdovic EH, Petrovic BV, Medjedovic M, Petrovic DjS, Milovanovic MZ, Milovanovic JZ, Arsenijevic NN, Stojkovic DLj, **Radic GP**, Stankovic MJ. DNA binding, molecular docking study and antitumor activity of [PdCl<sub>2</sub>(R-2-(S,S)-eddtrp)] complexes. *Monatshefte fur Chemie* 2021; 152(8):951-8. **M23; IF=1,557 (2021)**
37. Nedeljkovic NV, Nikolic MV, Mijajlovic MZ, **Radic GP**, Stankovic AS. Interaction of bioessential metal ions with quinolone antibiotics: Structural features and biological evaluation. *Inorganica Chimica Acta* 2021; 527; 120585. **M22; IF=2,496 (2021)**
38. Petrovic DjS, Jovicic-Milic SS, Djukic MB, Radojevic ID, Jelic RM, Jurisevic MM, **Radic GP**, Gajovic NM, Arsenijevic NN, Jovanovic IP, Markovic NV, Stojkovic DLj, Jevtic VV. Synthesis, characterization, HSA/DNA binding, cytotoxicity study, and antimicrobial activity of new palladium(II) complexes with some esters of (S,S)-propylenediamine-*N,N'*-di-2-(3-methyl)butanoic acid. *Inorganica Chimica Acta*; 528(2021)120601. **M22; IF=2,496 (2021)**
39. Nedeljković NV, Nikolić MV, Stanković AS, Jeremić NS, Tomović DLj, Bukonjić AM, **Radić GP**, Mijajlović MZ. Virtual screening, drug-likeness analysis, and molecular docking study of potential severe acute respiratory syndrome coronavirus 2 main protease inhibitors. *Turkish Journal of Chemistry*; 46(1)( 2022) 116-46. **M23; IF=1,151 (2021)**
40. Živanović AS, Bukonjić AM, Jovanović-Stević S, Bogojeski JV, Čoćoć DC, Popović-Bijelić AD, Ratković ZR, Volarević VB, Miloradović D, Tomović DLj, **Radić GP**. Complexes of copper(II) with tetradentate S,O-ligands: Synthesis, characterization, DNA/albumin interactions, molecular docking simulations and antitumor activity. *Journal of Inorganic Biochemistry* 2022; 233; 111861. **M21; IF= 3,619 (2021)**
41. Besser Silconi Z, Rosić V, Benazić S, Radosavljević G, Mijajlović M, Pantić J, Ratković ZR, **Radić GP**, Arsenijević A, Milovanović M, Arsenijević N and Milovanović J. The Pt(S-prthiosal)<sub>2</sub> and BCL1 Leukemia Lymphoma: Antitumor Activity *In Vitro* and *In Vivo*. *International Journal of Molecular Science* 2022; 23(15)8161. **M21; IF=6,628 (2021)**



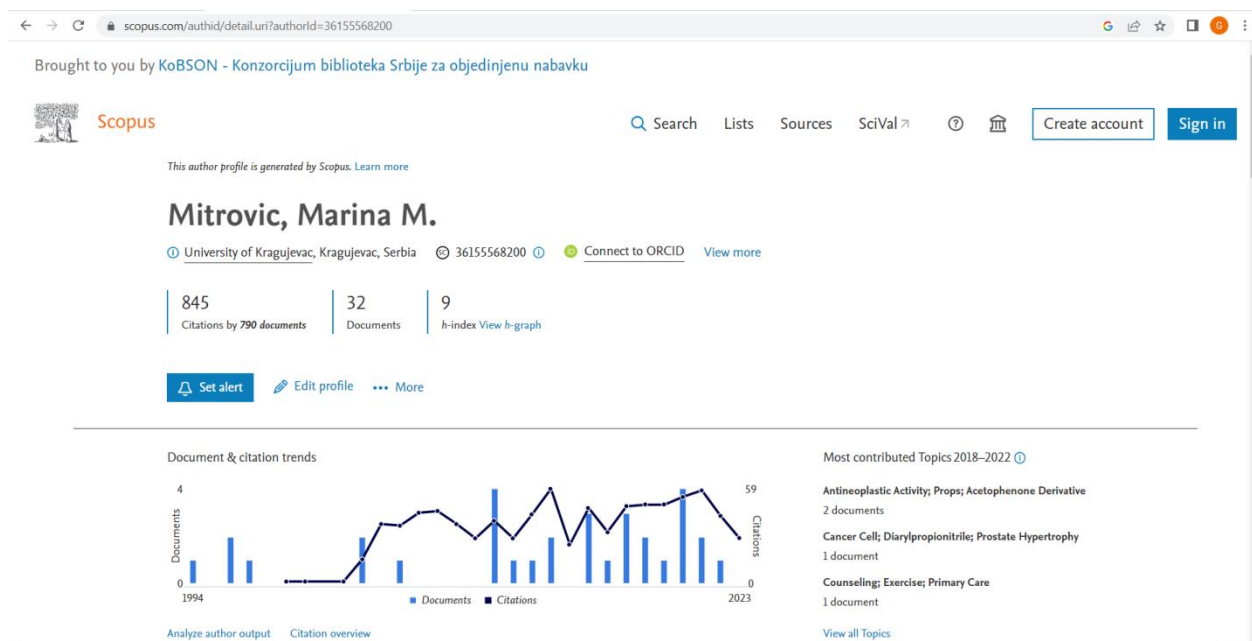
## Проф. др Марина Митровић

- Breckenridge DG, **Stojanovic M**, Marcellus RC, Shore GC. Caspase cleavage product of BAP31 induces mitochondrial fission through endoplasmic reticulum calcium signals, enhancing cytochrome c release to the cytosol. *The Journal of Cell Biology* 2003; 160(7):1115-1127. **M21a; IF= 12.023 (2003)**
- Wang B, Nguyen M, Breckenridge DG, **Stojanovic M**, Clemons PA, Kuppig S, Shore GC. Uncleaved BAP31 in association with A4 protein at the endoplasmic reticulum is an inhibitor of Fas-initiated release of cytochrome c from mitochondria. *Journal of Biological Chemistry*. 2003; 278(16):14461-14468. **M21; IF= 6.482 (2003)**
- Stojanovic M**, Germain M, Nguyen M, Shore GC. BAP31 and Its caspase cleavage product regulate cell surface expression of tetraspanins and Integrin-mediated cell survival. *J Biol Chem* 2005; 280(34): 30018-30024 **M21; IF= 5.854 (2005)**
- Popovic S, Baskic D, Djurdjevic P, Zelen I, **Mitrovic M**, Nikolic I, Avramovic D, Radenkovic M, Arsenijevic N. Endoplasmic reticulum stress-associated caspases-4 and -2 mediates korbazol-induced CLL cell apoptosis. *J BUON* 2010; 15:783-790. **M23; IF= 0.482 (2010)**
- Zelen I, Djurdjevic P, Popovic S, **Stojanovic M**, Jakovljevic V, Radivojevic S, Baskic D, Arsenijevic N. Antioxidant enzymes activities and plasma levels of oxidative stress markers in B-chronic lymphocyte leukemia patients. *J BUON* 2010; 15:330-336. **M23; IF= 0.482 (2010)**
- Nikolic I, Kastratovic T, Zelen I, Zivanovic A, Arsenijevic S, **Mitrovic M**. Cytosolic proapoptotic SPIKE induces mitochondrial apoptosis in cancer. *Biochem Biophys Res Commun* 2010; 395(2):225-231 **M22; (2012)**
- Djordjevic M, Mitrovic S, Jovanovic B, Sazdanovic P, Folic M, **Mitrovic M**, Djordjevic G. Expression of estrogen and progesterone receptors in subcutaneous endometriosis. *Archives of Biological Sciences* 2010; 62(3):547-551. **M23; IF= 0.356 (2010)**



8. Volarevic V, Mitrovic M, Milovanovic M, Zelen I, Nikolic I, Mitrovic S, Pejnovic N, Arsenijevic N, Lukic M. Protective role of IL-33/ST2 axis in Con A induced hepatitis. *Journal of Hepatology* 2012; 56(1):26-33. **M21a; IF= 9.858 (2012)**
9. Nikolic I, Mitrovic M, Zelen I, Zaric M, Kastratovic T, Stanojevic M, Nenadovic M, Stojanovic T. Inhibitory role of monovalent ions on rat brain cortex adenylyl cyclase activity. *Journal of Enzyme Inhibition and Medicinal Chemistry* 2013; 28(5):1061-1066 **M22; IF=2.383 (2013)**
10. Kastratović T, Arsenijević S, Matović Z, Mitrović M, Nikolić I, Milosavljević Z, Protrka Z, Šorak M, Đurić J. Methotrexate and myotrexate induce apoptosis in human myoma fibroblasts (T hES cell line) via mitochondrial pathway. *Acta Poloniae Pharmaceutica* 2015; 72(3):455-464. **M23; IF= 1.121 (2015)**
11. Zaric M, Mitrovic M, Nikolic I, Baskic D, Popovic S, Djurdjevic P, Milosavljevic Z, Zelen I. Chrysin Induces Apoptosis in Peripheral Blood Lymphocytes Isolated from Human Chronic Lymphocytic leukemia. *Anticancer Agents Med Chem* 2015; 15(2):189-195. **M22; IF= 2.722 (2015)**
12. Andjelkovic M, Jankovic S, Mitrovic M, Mladenovic V, Nikolic I, Zelen I, Zaric M, Canovic P, Folic M. Effects of cardiovascular drugs on TSH serum levels in patients on replacement therapy after thyroidectomy. *Int J Clin Pharmacol Ther* 2016;54(8):628-33. **M23; IF= 1.003 (2016)**
13. Canovic PP, Rilak-Simovic A, Radisavljevic SR, Bratsos I, Demitri N, Mitrovic MM, Zelen IR, Bugarcic ZD. Impact of aromaticity on anticancer activity of polypyridyl ruthenium (II) complexes: synthesis, structure, DNA/protein binding, lipophilicity and anticancer activity. *J Biol Inorg Chem* 2017;22(7):1007-1028. **M21; IF=2.952 (2017)**
14. Baskic D, Vukovic VR, Popovic S, Djurdjevic P, Zaric M, Nikolic I, Zelen I, Mitrovic M, Avramovic D, Mijailovic Z. Cytokine profile in chronic hepatitis C: An observation. *Cytokine* 2017; 96: 185–188 **M22; IF= 3.514 (2017)**
15. Nikolic I, Andjelkovic M, Zaric M, Zelen I, Canovic P, Milosavljevic Z, Mitrovic M. Induction of mitochondrial apoptotic pathway by raloxifene and estrogen in human endometrial stromal ThESC cell line. *Arch Med Sci* 2017;13(2):293-301 **M21; IF=2.344 (2017)**
16. Nikolic I, Andjelkovic M, Zaric M, Zelen I, Milosavljevic Z, Canovic P, Mitrovic M. Enhanced cytotoxicity and apoptosis by raloxifene in combination with estrogen and methotrexate in human endometrial stromal cells. *Chem Biol Drug Des* 2018;91(4):885-892. **M22; IF= 2.434 (2018)**
17. Vukic MD, Vukovic NL, Popovic SL, Todorovic DV, Djurdjevic PM, Matic SD, Mitrovic MM, Popovic AM, Kacaniova MM, Baskic DD. Effect of  $\beta$ -cyclodextrin encapsulation on cytotoxic activity of acetylshikonin against HCT-116 and MDA-MB-231 cancer cell lines. *Saudi Pharm J* 2020;28(1):136-146. **M21; IF= 4.895 (2020)**
18. Stanojevic-Pirkovic M, Andelkovic M, Lukovic J, Zelen I, Milosavljevic Z, Mitrovic M, Jurisic V, Nikolic I. UV irradiation induces apoptosis in the human endometrial stromal cell line (ThESC). *J BUON* 2020;25(3):1541-1546. **M23; IF=2.533 (2020)**
19. Lukovic JD, Mitrovic MM, Popovic SLj, Milosavljevic ZV, Stanojevic-Pirkovic MS, Andjelkovic MV, Zelen IR, Sorak M, Muskinja JM, Ratkovic ZR, Nikolic IS. Antitumor effects of vanillin based chalcone analogues in vitro. *Acta Poloniae Pharmaceutica - Drug Research*. 2020; 77(1 ): 57-67 **M23; IF= 0.330 (2020)**
20. Zaric MM, Zivkovic-Zaric RS, Mitrovic MM, Nikolic IS, Canovic PP, Milosavljevic ZV, Jovanovic DDj, Zelen IR. Teucrium polium induces apoptosis in peripheral blood lymphocytes isolated from human chronic lymphocytic leukemia. *Vojnosanit Pregl* 2020; 77 (12):1252-1259. **M23; IF= 0.378 (2020)**
21. Mihović N, Tomašević N, Matić S, Mitrović MM, Kostić DA, Sabatino M, Antonini L, Ragno R, Mladenović M. Human Estrogen Receptor  $\alpha$  Antagonists. Part 1: 3-D QSAR-Driven

- Rational Design of Innovative Coumarin-Related Antiestrogens as Breast Cancer Suppressants through Structure-Based and Ligand-Based Studies. *J Chem Inf Model* 2021;61(10):5028-5053. **M21; IF= 6.162 (2021)**
22. Lukovic JD, Milosavljevic ZV, Zecevic-Lukovic T, **Mitrovic MM**, Andjelkovic MV, Zelen IR, Stanojevic-Pirkovic MS, Nikolic IS. Antitumor effect of mifepristone on human endometrial stromal cell line. *Vojnosanit Pregl* 2021; 78(6): 615-620 **M23; IF= 0.358 (2021)**
23. Kurtanović N, Tomašević N, Matić S, **Mitrović MM**, Kostić DA, Sabatino M, Antonini L, Ragno R, Mladenović M. Human estrogen receptor  $\alpha$  antagonists, part 2: Synthesis driven by rational design, in vitro antiproliferative, and in vivo anticancer evaluation of innovative coumarin-related antiestrogens as breast cancer suppressants. *Eur J Med Chem* 2022;227:113869. **M21a; IF= 7.088 (2021)**



### Проф. др Ратомир Јелић

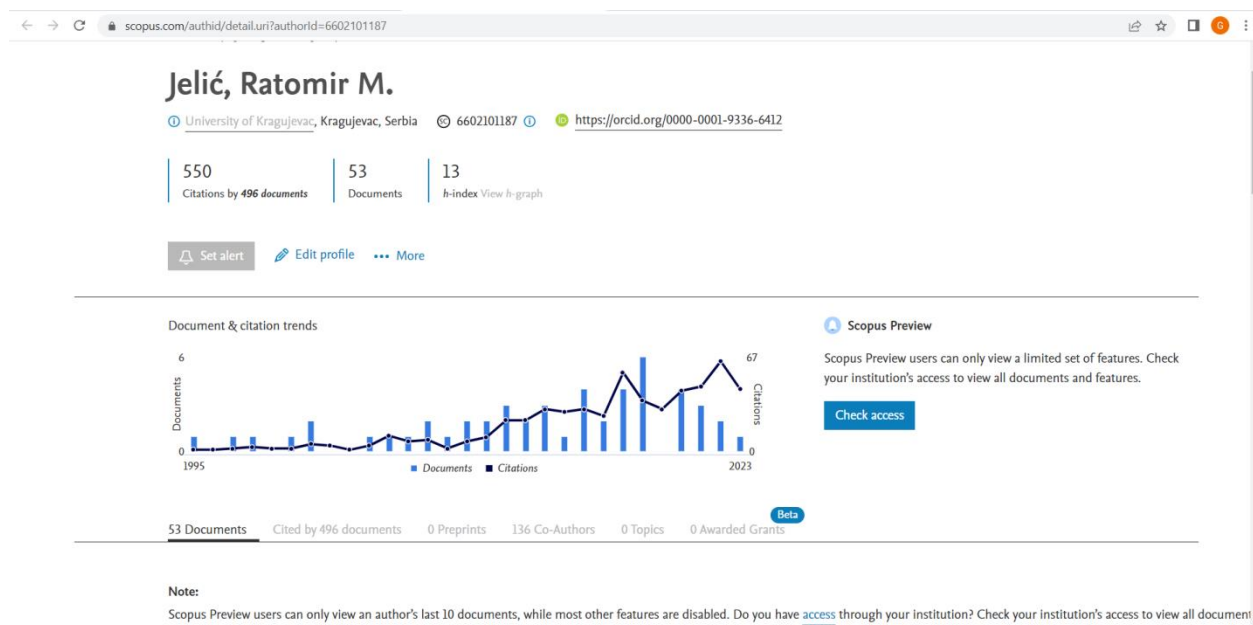
- Djurdjevic PT, **Jelic RM**, Dzajevic D. The effect of surface active substances on hydrolysis of aluminium(III) ion. *Main Group Metal Chemistry* 2000; 23(8):409-422 **M23; IF= 0,628 (2000)**
- Bugarcic ZD, Petrovic BV, **Jelic RM**. Hydrolysis of [Pt(dien)H<sub>2</sub>O](2+) and [Pd(dien)H<sub>2</sub>O](2+) complexes in water. *Transition Metal Chemistry* 2001; 26(6):668-671 **M22; IF= 0,561 (2001)**
- Bugarcic ZD, Soldatovic TV, **Jelic RM**, Alguero B, Grandas A. Equilibrium, kinetic and HPLC study of the reactions between platinum(II) complexes and DNA constituents in the presence and absence of glutathione. *Dalton Transactions* 2004; 22:3869-3877 **M21; IF= 2,926 (2004)**
- Jelic RM**, Joksovic LjG, Djurdjevic PT. Potentiometric study of the effect of sodium dodecylsulfate and dioxane on the hydrolysis of the aluminum(III) ion. *Journal of Solution Chemistry* 2005; 34(11):1235-1261 **M23; IF= 0,983 (2005)**

5. Djurdjevic PT, **Jelic RM**, Joksovic LjG, Cvijovic MR. Potentiometric and multinuclear magnetic resonance study of the solution equilibria between aluminium(III) ion and L-aspartic acid. *Monatshefte fur Chemie* 2006; 137(6):717-735 **M22; IF= 0,920 (2006)**
6. Djurdjevic PT, Joksovic LjG, **Jelic RM**, Djurdjevic A, Jelkic-Stankov MD. Solution equilibria between aluminum(III) ion and some fluoroquinolone family members. Spectroscopic and potentiometric study. *Chemical and Pharmaceutical Bulletin* 2007; 55(12):1689-1699 **M22; IF= 1,223 (2007)**
7. Ciric AR, **Jelic RM**, Joksovic LjG, Jelkic-Stankov MD, Djurdjevic PT. Determination of moxifloxacin in human plasma by derivative UV spectrophotometry in a micellar medium. *Can J Anal Sci Spect* 2007; 52(6):343-350 **M23; IF= 0,422 (2007)**
8. Chaves S, Gil M, Canario S, **Jelic R**, Romao MJ, Trincao J, Herdtweck E, Sousa J, Diniz C, Fresco P, Santos MA. Biologically relevant O,S-donor compounds. Synthesis, molybdenum complexation and xanthine oxidase inhibition. *Dalton Transactions* 2008; 13:1773-17782 **M21; IF= 3,580 (2008)**
9. Drazic B, Popovic G, **Jelic R**, Sladic D, Mitic D, Anelkovic K, Tesic Z. Acid-base equilibria of the Zn (II) and Fe (III) complexes with condensation products of 2-acetylpyridine and the dihydrazide of oxalic and malonic acid. *Journal of the Serbian Chemical Society* 2009; 74(3):269-277. **M23; IF= 1,342 (2009)**
10. Soldatovic T, Canovic P, Nikolic R, **Jelic R**, Bugarcic ZD. Equilibrium and <sup>1</sup>H NMR Kinetic Study of the Reactions of Dichlorido [S-Methyl-L-Cysteine (N,S)]Platinum (II) Complex with Some Relevant Biomolecules. *Journal of Solution Chemistry* 2009; 38(1):57-71. **M23; IF= 1,342 (2009)**
11. Chaves S, **Jelic RM**, Mendonca C, Carrasco M, Yoshikawa Y, Sakurai H, Santos AM. Complexes of hydroxy(thio)pyrone and hydroxy(thio)pyridinone with Zn(II) and Mo(VI). Thermodynamic stability and insulin-mimetic activity. *Metallomics* 2010; 2(3):220-227. **M22; IF= 3,592 (2010)**
12. Djurdjevic P, **Jelic RM**, Joksovic Lj, Lazarevic I, Jelkic-Stankov M. Study of Solution Equilibria Between Gadolinium(III) Ion and Moxifloxacin. *Acta Chimica Slovenica* 2010; 57(2):386-397. **M22; IF= 1,011 (2010)**
13. Bogojeski J, **Jelić R**, Petrović D, Herdtweck E, Jones PG, Tamm M, Bugarčić ŽD. Equilibrium studies of the reactions of palladium(II) bis(imidazolin-2- imine) complexes with biologically relevant nucleophiles. The crystal structures of [(TLtBu)PdCl]ClO<sub>4</sub> and [(BLiPr)PdCl<sub>2</sub>]. *Dalton Trans* 2011; 40(24):6515- 6523. **M21; IF=3,838 (2011)**
14. Marković V, Erić S, Stanojković T, Gligorijević N, Arandžević S, Todorović N, Trifunović S, Manojlović N, **Jelić R**, Joksović MD. Antiproliferative activity and QSAR studies of a series of new 4-aminomethylidene derivatives of some pyrazol-5-ones. *Bioorganic and Medicinal Chemistry Letters* 2011; 21(15):4416- 4421. **M22; IF= 2,554 (2011)**
15. **Jelić R**, Marković S, Petrović B. Equilibrium studies on complex formation reactions of dichlorido[(R,R)-trans-1,2-diaminocyclohexane]platinum (II) complex with ligands of biological significance. *Monatshefte fur Chemie* 2011; 142:985-992. **M22; IF= 1,532 (2011)**
16. **Jelić R**, Selimović E, Nikolić R, Bugarčić ŽD, Bogojeski J. Equilibrium studies between some transition metal ions and Me<sub>6</sub>[14]dieneN<sub>4</sub> ligand. *Monatshefte fur Chemi* 2012; 143 (10):1357-1363 **M22; IF= 1,629 (2012)**
17. Manojlović NT, Mašković PZ, Vasiljević PJ, **Jelić RM**, Jusković MŽ, Sovrlić M, Mandić L, Radojković M. HPLC analysis, antimicrobial and antioxidant activities of *Daphne cneorum* L. *Hemijaska industrija* 2012; 66(5):709–716. **M23; IF= 0,463 (2012)**

18. Matovic ZD, Mrkalic EM, Bogdanovic GM, Kojic VV, Meetsma A, **Jelic RM**. Antitumor effects of a tetradentate amido-carboxylate ligands and corresponding square-planar palladium(II) complexes toward some cancer cells. Crystal structure, DFT modeling and ligand to DNA probe Docking simulation. *Journal of Inorganic Biochemistry* 2013; 121:134-144 **M21; IF= 3,274 (2013)**
19. Matovic ZD, Jeremic MS, **Jelic RM**, Zlatar M, Jakovljevic IZ. Configurational, LFDFT and NBO analysis of chromium (III) complexes of edta-type ligands. *Polyhedron* 2013; 55:131-143 **M22; IF= 2,047 (2013)**
20. Mijatovic AM, **Jelic RM**, Bogojeski J, Bugarcic ZD, Petrovic BV. Kinetics, mechanism, and equilibrium studies of the reactions between a ruthenium(II) complex and some nitrogen- and sulfur-donor nucleophiles. *Monatshefte fur Chemie* 2013; 144(10):1489-1498 **M22; IF= 1,347 (2013)**
21. Mrkalić EM, **Jelić RM**, Klisurić OR, Matović ZD. Synthesis of novel palladium(II) complexes with oxalic acid diamide derivatives and their interaction with nucleosides and proteins. Structural, solution, and computational study. *Dalton Trans* 2014; 43(40):15126-15137. **M21; IF= 4,197 (2014)**
22. Stojanović SD, Janković SM, Matović ZD, Jakovljević IŽ, **Jelić RM**. Interaction between tigecycline and human serum albumin in aqueous solution. *Monatsh Chem.* 2015;146(2):399-409. **M23; IF=1,131 (2015)**
23. Trbojevic-Stankovic JB, Odovic JV, **Jelic RM**, Nestic DM, Stojimirovic BB. The Influence of Certain Molecular Descriptors of Fecal Elimination of Angiotensin II Receptor Antagonists. *Archives of biological sciences* 2015; 67(1):103-109 **M23; IF= 0,367 (2015)**
24. **Jelic RM**, Tomovic MT, Stojanovic SD, Joksovic Lj, Jakovljevic IZ, Djurdjevic PT. Study of inclusion complex of beta-cyclodextrin and levofloxacin and its effect on the solution equilibria between gadolinium(III) ion and levofloxacin. *Monatshefte fur Chemie* 2015; 146(10):1621-1630 **M23; IF=1,131 (2015)**
25. Trbojević-Stanković J, Odović J, **Jelić R**, Nešić D, Stojimirović B. The effect of the molecular properties of calcium channel blockers on their elimination route. *Arch Biol Sci.* 2015;67(3):801-806. **M23; IF= 0,367 (2015)**
26. Cakić N, Verbić TŽ, **Jelić RM**, Platas-Iglesias C, Angelovski G. Synthesis and characterisation of bismacrocyclic DO3A-amide derivatives - an approach towards metal-responsive PARACEST agents. *Dalton Trans.* 2016;45(15):6555-65. **M21; IF= 4,029 (2016)**
27. Trbojević J, Odović J, Trbojević-Stanković J, Nešić D, **Jelić R**. Relationship between the bioavailability and molecular properties of angiotensin II receptor antagonists. *Arch Biol Sci.* 2016;68(2):273-287. **M23; IF=0,352 (2016)**
28. Jeremić MS, Wadepohl H, Kojić VV, Jakimov DS, **Jelić R**, Popović S, Matović ZD, Comba P. Synthesis, structural analysis, solution equilibria and biological activity of rhodium(III) complexes with a quinque-dentate polyaminopolycarboxylate. *RSC Advances.* 2017;7:5282–5296. **M22; IF= 3,096 (2017)**
29. Odović JV, Trbojević JB, Trbojević-Stanković JB, Nešić DM, **Jelić RM**. Assessment of the relationship between the molecular properties of calcium channel blockers and plasma protein binding data. *Arch Biol Sci.* 2017;69(1):175-179. **M23; IF= 0,648 (2017)**
30. Berić JD, **Jelić RM**, Nešić DM, Trbojević-Stanković JB, Odović JV. Estimation of plasma protein binding of selected antipsychotics using computed molecular properties. *Arch Biol Sci.* 2017;69(3):463-468. **M23; IF=0,648 (2017)**
31. Stojković DLj, Jevtić VV, Radić GP, Đukić MB, **Jelić RM**, Zarić MM, Anđelković MV, Mišić MS, Baskić DD, Trifunović SR. Stereospecific ligands and their complexes. XXIV. Synthesis,

- characterization and some biological properties of Pd(II) and Pt(II) complexes with R<sup>2</sup>-S,S-eddtyr. *New J Chem.* 2018;42:3924-3935. **M22; IF= 3,069 (2018)**
32. Djukić M, Jeremić MS, **Jelić R**, Klisurić O, Kojić V, Jakimov D, Djurdjević P, Matović ZD. Further insights into ruthenium(II) piano-stool complexes with N-alkyl imidazoles. *Inorganica Chimica Acta* 2018; 483(1):359-370. **M22; IF= 2,433 (2018)**
  33. Berić JD, Stojanović SD, Mrkalić EM, Matović ZD, Milovanović DR, Sovrlić MM, **Jelić RM**. Interaction of haloperidol with human serum albumin and effect of metal ions on the binding. *Monatsh Chem.* 2018;149:2359–2368. **M23; IF=1,501 (2018)**
  34. Jeremić MS, Radovanović MD, Bisceglie F, Kojić VV, **Jelić R**, Matović ZD. Rhodium(III) in a cage of the 1,3-propanediamine-N,N,N'-triacetate chelate: X-ray structure, solution equilibria, computational study and biological behavior. *Polyhedron.* 2018;156:19–30. **M22; IF= 2,284 (2018)**
  35. Stojanović SD, Niciforović JM, Zivanović SM, Odović JV, **Jelić RM**. Spectroscopic studies on the drug-drug interaction: the influence of fluoroquinolones on the affinity of tigecycline to human serum albumin and identification of the binding site. *Monatshefte für Chemie* 2020; 151 (6):999-1007 **M23; IF= 1,451 (2020)**
  36. Djukić MB, Jeremić MS, Filipović IP, Klisurić OR, **Jelić RM**, Popović S, Matić S, Onnis V, Matović ZD. Ruthenium (II) Complexes of Isothiazole Ligands: Crystal Structure, HSA/DNA Interactions, Cytotoxic Activity and Molecular Docking Simulations. *ChemistrySelect*, 2020;5(37):11489-11502. **M23; IF= 2,109 (2020)**
  37. Čočić D, Jovanović-Stević S, **Jelić R**, Matić S, Popović S, Djurdjević P, Baskić D, Petrović B. Homo- and hetero-dinuclear Pt(II)/Pd(II) complexes: studies of hydrolysis, nucleophilic substitution reactions, DNA/BSA interactions, DFT calculations, molecular docking and cytotoxic activity. *Dalton Trans.* 2020;49(41):14411–14431. **M21; IF= 4,390 (2020)**
  38. Đukić MB, Jeremić MS, Filipović IP, Klisurić OP, Kojić VV, Jakimov DS, **Jelić RM**, Onnis V, Matović ZD. Synthesis, characterization, HSA/DNA interactions and antitumor activity of new [Ru(η<sup>6</sup>-p-cymene)Cl<sub>2</sub>(L)] complexes. *Journal of Inorganic Biochemistry*, 2020;213:111256. **M21; IF= 4,155 (2020)**
  39. Mrkalić E, **Jelić R**, Stojanović S, Sovrlić M. Interaction between olanzapine and human serum albumin and effect of metal ions, caffeine and flavonoids on the binding: A spectroscopic study. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2021;249:119295. **M21; IF= 4,831 (2021)**
  40. Petrović DjS, Jovičić Milić SS, Đukić MB, Radojević ID, **Jelić RM**, Jurišević MM, Radić GP, Gajović NM, Arsenijević NN, Jovanović IP, Marković NV, Stojković DLj, Jevtić VV. Synthesis, characterization, HSA/DNA binding, cytotoxicity study, and antimicrobial activity of new palladium(II) complexes with some esters of (S,S)-propylenediamine-N,N'-di-2-(3-methyl)butanoic acid. *Inorganica Chimica Acta.* 2021;528:120601. **M22; IF= 3,118 (2021)**
  41. Sovrlić M, **Jelić R**, Antonijević M, Marković Z, Tomović J, Mrkalić E. Influence of the caffeine on the interaction between haloperidol and human serum albumin: Spectroscopic and molecular docking approach. *Stud U Babeš-Bol Che.* 2021;LXVI(4):7-22. **M23; IF= 0,558 (2021)**
  42. Sovrlić M, Mrkalić E, **Jelić R**, Čendić Serafinović M, Stojanović S, Prodanović N, Tomović J. Effect of Caffeine and Flavonoids on the Binding of Tigecycline to Human Serum Albumin: A Spectroscopic Study and Molecular Docking. *Pharmaceuticals (Basel)*. 2022;15(3):266. **M21; IF= 5,711 (2021)**

43. Avdović EH, Milanović ZB, Molčanov K, Roca S, Vikić-Topić D, Mrkalić EM, **Jelić RM**, Marković ZS. Synthesis, characterization and investigating the binding mechanism of novel coumarin derivatives with human serum albumin: Spectroscopic and computational approach. *Journal of Molecular Structure*. 2022;1254:132366. **M22; IF= 3,841 (2021)**
44. Soldatovic TV, Smit BM, Mrkalic EM, Matic SLj, **Jelić RM**, Cendic-Serafinovic M, Gligorijevic NN, Cavic MR, Arandjelovic SS, Grguric-Sipka SR. Exploring heterometallic bridged Pt(II)-Zn(II) complexes as potential antitumor agents. *J Inorg Biochem* 2023;240:112100. **M21; IF= 4,336 (2021)**



### Проф. др Јелена Пантић

1. Conlon JM, Mechkarska M, **Pantic JM**, Lukic ML, Coquet L, Leprince J, Nielsen PF, Rinaldi AC. An immunomodulatory peptide related to frenatin 2 from skin secretions of the Tyrrhenian painted frog *Discoglossus sardus* (Alytidae). *Peptides* 2013;40:65-71. **M22; IF=2,614 (2013)**
2. Scorciapino MA, Manzo G, Rinaldi AC, Sanna R, Casu M, **Pantic JM**, Lukic ML, Conlon JM. Conformational analysis of the frog skin peptide, plasticin-L1, and its effects on production of proinflammatory cytokines by macrophages. *Biochemistry* 2013;52(41):7231-7241. **M22; IF=3,194 (2013)**
3. Pejnovic NN, **Pantic JM**, Jovanovic IP, Radosavljevic GD, Milovanovic MZ, Nikolic IG, Zdravkovic NS, Djukic AL, Arsenijevic NN, Lukic ML. Galectin-3 Deficiency Accelerates High-Fat Diet Induced Obesity and Amplifies Inflammation in Adipose Tissue and Pancreatic Islets. *Diabetes* 2013;62(6):1932-1944. **M21a; IF=9,105 (2013)**
4. Jovanovic IP, Pejnovic NN, Radosavljevic GD, **Pantic JM**, Milovanovic MZ, Arsenijevic NN, Lukic ML. Interleukin-33/ST2 axis promotes breast cancer growth and metastases by facilitating intratumoral accumulation of immunosuppressive and innate lymphoid cells. *Int J Cancer* 2014;134(7):1669-1682. **M21; IF=5,720 (2014)**

5. **Pantic JM**, Mechkarska M, Lukic ML, Conlon JM. Effects of tigerinin peptides on cytokine production by mouse peritoneal macrophages and spleen cells and by human peripheral blood mononuclear cells. *Biochimie* 2014;101:83-92. **M22; IF=3,124 (2014)**
6. Mechkarska M, Attoub S, Sulaiman S, **Pantic J**, Lukic ML, Conlon JM. Anti-cancer, immunoregulatory, and antimicrobial activities of the frog skin host-defense peptides pseudhymenochirin-1Pb and pseudhymenochirin-2Pa. *Regul Pept* 2014;194-195:69-76. **M23; IF=1,875 (2014)**
7. **Pantic J**, Radosavljevic G, Jovanovic I, Arsenijevic N, Conlon JM, Lukic ML. In vivo administration of the frog skin peptide frenatin 2.1S induces immunostimulatory phenotypes of mouse mononuclear cells. *Peptides* 2015;71:269-275. **M22; IF=2,535 (2015)**
8. Jeftic I, Jovicic N, **Pantic J**, Arsenijevic N, Lukic ML, Pejnovic N. Galectin-3 Ablation Enhances Liver Steatosis, but Attenuates Inflammation and IL-33-Dependent Fibrosis in Obesogenic Mouse Model of Nonalcoholic Steatohepatitis. *Mol Med* 2015;21:453-465. **M21; IF=4,618 (2015)**
9. Petrovic S, Radosavljevic GD, **Pantic J**, Jovanovic I, Jankovic N, Arsenijevic N. Circulating and tissue galectin-1 and galectin-3 in colorectal carcinoma: association with clinicopathological parameters, serum CEA, IL-17 and IL23. *J BUON* 2016;21(4):941-949. **M23; IF=1.344 (2016)**
10. **Pantic JM**, Jovanovic IP, Radosavljevic GD, Gajovic NM, Arsenijevic NN, Conlon JM, Lukic ML. The frog skin host-defense peptide frenatin 2.1S enhances recruitment, activation and tumoricidal capacity of NK cells. *Peptides* 2017;93:44-50. **M22; IF=2,851 (2017)**
11. Skuletic V, Radosavljevic GD, **Pantic J**, Markovic BS, Jovanovic I, Jankovic N, Petrovic D, Jevtovic A, Dzodic R, Arsenijevic N. Angiogenic and lymphangiogenic profiles in histological variants of papillary thyroid carcinoma. *Pol Arch Intern Med* 2017;127(6):429-437. **M21; IF = 2,658 (2017)**
12. Borovcanin MM, Jovanovic I, Radosavljevic G, **Pantic J**, Minic Janicijevic S, Arsenijevic N, Lukic ML. Interleukin-6 in Schizophrenia-Is There a Therapeutic Relevance? *Front Psychiatry* 2017;8:221. **M22; IF=2,857 (2017)**
13. **Pantic JM**, Jovanovic IP, Radosavljevic GD, Arsenijevic NN, Conlon JM, Lukic ML. The Potential of Frog Skin-Derived Peptides for Development into Therapeutically-Valuable Immunomodulatory Agents. *Molecules* 2017;22(12). **M22; IF=3,268 (2017)**
14. Gajovic N, Jurisevic M, **Pantic J**, Radosavljevic G, Arsenijevic N, Lukic ML, Jovanovic I. Attenuation of NK cells facilitates mammary tumor growth in streptozotocin-induced diabetes in mice. *Endocr Relat Cancer* 2018;25(4):493-507. **M21; IF=5,299 (2018)**
15. Jurisevic M, Arsenijevic A, **Pantic J**, Gajovic N, Milovanovic J, Milovanovic M, Poljarevic J, Sabo T, Vojvodic D, Radosavljevic GD, Arsenijevic N. The organic ester O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride attenuates murine breast cancer growth and metastasis. *Oncotarget* 2018;9(46):28195-28212. **M21; IF=5,312 (2016)**
16. Babic ZM, Zunic FZ, **Pantic JM**, Radosavljevic GD, Jovanovic IP, Arsenijevic NN, Lukic ML. IL-33 receptor (ST2) deficiency downregulates myeloid precursors, inflammatory NK and dendritic cells in early phase of sepsis. *J Biomed Sci* 2018;25(1):56. **M21; IF=5,203 (2018)**
17. Pavlovic M, Gajovic N, Jurisevic M, Mitrovic S, Radosavljevic G, **Pantic J**, Arsenijevic N, Jovanovic I. Diverse Expression of IL-32 in Diffuse and Intestinal Types of Gastric Cancer. *Gastroenterol Res Pract* 2018;2018:6578273. **M23; IF=1,951 (2018)**
18. **Pantic J**, Guilhaudis L, Musale V, Attoub S, Lukic ML, Mechkarska M, Conlon JM. Immunomodulatory, insulinotropic, and cytotoxic activities of phylloseptins and plasticin-TR from the Trinidadian leaf frog *Phyllomedusa trinitatis*. *J Pept Sci* 2019;25(4):e3153. **M22; IF=1,994 (2019)**
19. Scorciapino MA, Carta P, **Pantic J**, Lukic ML, Lukic A, Musale V, Abdel-Wahab YHA, Conlon JM. Conformational analysis and in vitro immunomodulatory and insulinotropic properties of the frog skin host-defense peptide rhinophrynin-27 and selected analogs. *Biochimie* 2019;167:198-206. **M22; IF=3,413 (2019)**

20. Stojanovic B, Jovanovic I, Stojanovic BS, Stojanovic MD, Gajovic N, Radosavljevic G, **Pantic J**, Arsenijevic N, Lukic ML. Deletion of Galectin-3 attenuates acute pancreatitis in mice by affecting activation of innate inflammatory cells. *Eur J Immunol* 2019;49(6):940-946. **M21; IF=4,298 (2019)**
21. Jurišević M, Jagić N, Gajović N, Arsenijević A, Jovanović M, Milovanović M, **Pantić J**, Jovanović I, Tibor S, Radosavljević GD, Arsenijević N. O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride enhances influx of effective NK and NKT cells in murine breast cancer. *Vojnosanit Pregl* 2020;77(7):715–723. **M23; IF=0,378 (2020)**
22. Pavlovic M, Jurisevic M, Gajovic N, Mitrovic S, Jovanovic M, Radosavljevic G, **Pantic J**, Radovanovic D, Arsenijevic N, Jovanovic I. IL-32 expression associates with lymph vessel invasion in intestinal type of gastric cancer. *Vojnosanit Pregl* 2020;77(8):816–825. **M23; IF=0,378 (2020)**
23. Benazic S, Besser Silconi Z, Jevtovic A, Jurisevic M, Milovanovic J, Mijajlovic M, Nikolic M, Kanjevac T, Ivan Potočňák, Samořová E, Ratkovic ZR, Radic G, Milovanovic M, **Pantic J**, Arsenijevic N, Radosavljevic GD. The Zn(S-pr-thiosal)2 complex attenuates murine breast cancer growth by inducing apoptosis and G1/S cell cycle arrest. *Future Med Chem* 2020;12(10):897–914. **M21; IF=4,604 (2020)**
24. Jevtovic A, **Pantic J**, Jovanovic I, Milovanovic M, Stanojevic I, Vojvodic D, Arsenijevic N, Lukic ML, Radosavljevic GD. Interleukin-33 pretreatment promotes metastatic growth of murine melanoma by reducing the cytotoxic capacity of CD8+ T cells and enhancing regulatory T cells. *Cancer Immunol Immunother* 2020;69(8):1461-1475. **M21; IF=6,968 (2020)**
25. Borovcanin MM, Radosavljevic GD, **Pantic J**, Milovanovic J, Mijailovic NR, Arsenijevic AN, Arsenijevic NN. Contrasting Roles of the Galectin-3 in the Schizophrenia Onset, Clinical Presentation, and Somatic Comorbidity. *Curr Top Med Chem* 2021;21(16):1471-1487. **M22; IF=4,008 (2021)**
26. Koricanac A, Tomic Lucic A, Veselinovic M, Bazic Sretenovic D, Bucic G, Azanjac A, Radmanovic O, Matovic M, Stanojevic M, Jurisic Skevin A, Simovic Markovic B, **Pantic J**, Arsenijevic N, Radosavljevic GD, Nikolic M, Zornic N, Nesic J, Muric N, Radmanovic B. Influence of antipsychotics on metabolic syndrome risk in patients with schizophrenia. *Front Psychiatry* 2022;13:925757. **M21; IF=5,556 (2021)**
27. Silconi ZB, Rosic V, Benazic S, Radosavljevic G, Mijajlovic M, **Pantic J**, Ratkovic ZR, Radic G, Arsenijevic A, Milovanovic M, Arsenijevic N, Milovanovic J. The Pt(S-pr-thiosal)2 and BCL1 Leukemia Lymphoma: Antitumor Activity In Vitro and In Vivo. *Int J Mol Sci* 2022;23(15):8161. **M21; IF=6,628 (2021)**





Scopus

This author profile is generated by Scopus. Learn more

## Pantic, Jelena M.

University of Kragujevac, Kragujevac, Serbia 55794300000 <https://orcid.org/0000-0003-0602-4815> Is this you? Connect to Mendeley account [View more](#)

685

Citations by 613 documents

33

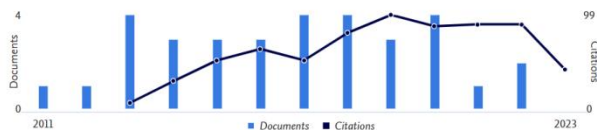
Documents

11

*h*-index View *h*-graph

Set alert Edit profile More

### Document & citation trends



### Most contributed Topics 2018–2022

Anti-Bacterial Agents; Polypeptide Antibiotic Agent; Antimicrobial Cationic Peptides  
2 documents

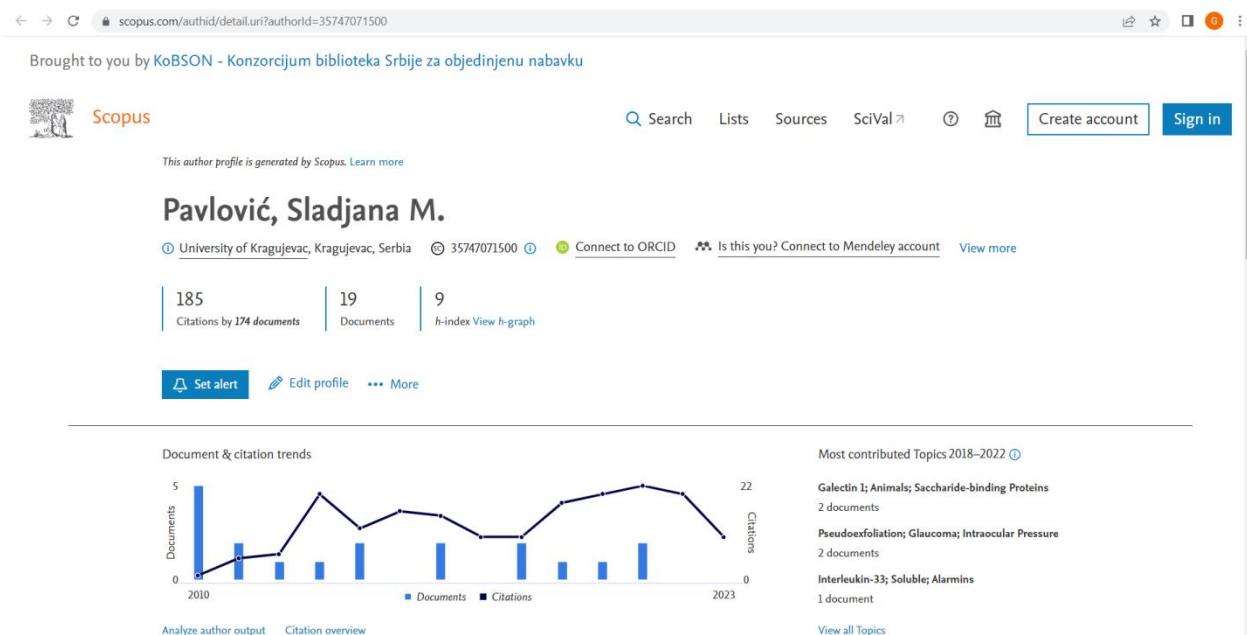
Galectin I; Animals; Saccharide-binding Proteins  
2 documents

Interleukin-33; Soluble; Alarmins  
2 documents

## Проф. др Слађана Павловић

1. Ljubic B, Radosavljevic G, Jovanovic I, **Pavlovic S**, Zdravkovic N, Milovanovic M, Acimovic L, Knezevic M, Bankovic D, Zdravkovic D, Nebojsa Arsenijevec. Elevated serum level of IL-23 correlates with expression of VEGF in human colorectal carcinoma. *Arch Med Res* 2010;41(3):182-9 **M22; IF= 1.986 (2010)**
2. Radosavljevic G, Ljubic B, Jovanovic I, Srzentic Z, **Pavlovic S**, Zdravkovic N, Milovanovic M, Bankovic D, Knezevic M, Acimovic LJ, Arsenijevec N. Interleukin-17 may be a valuable serum tumour marker in patients with colorectal carcinoma. *Neoplasma* 2010;57(2):135-44. **M23; IF= 1.440 (2011)**
3. Volarevic V, Al-Qahtani A, Arsenijevec N, **Pajovic S**, Lukic ML. Interleukin-1 receptor antagonist (IL-1Ra) and IL-1Ra producing mesenchymal stem cells as modulators of diabetogenesis. *Autoimmunity*. 2010;43(4):255-63. **M23; IF=2.471 (2011)**
4. **Pavlovic S**, Zdravkovic N, Dimitrov JD, Djukic A, Arsenijevec N, Vassilev TL, Lukic ML. Intravenous immunoglobulins exposed to heme (heme IVIG) are more efficient than IVIG in attenuating autoimmune diabetes. *Clin Immunol*. 2011;138(2):162-71 **M21; IF=4.046 (2011)**
5. Ravić-Nikolić A, Radosavljević G, Jovanović I, Zdravković N, Mitrović S, **Pavlović S**, Arsenijević N. Systemic photochemotherapy decrease expression of IFN- $\gamma$ , IL-12p40 and IL-23p19 in psoriatic plaque. *Eur J Dermatol* 2011;21(1):53-7. **M21; IF=2.526 (2011)**
6. **Pavlović S**, Zdravković N, Radosavljević G, Arsenijević N, Lukić ML, Jovanović I. Interleukin-33/ST2: nov signalni put u imunosti i imunopatologiji. *Vojnosanit Pregl* 2012; 69(1):69-77. **M23; IF=0.210 (2012)**
7. Zdravkovic N, **Pavlovic S**, Zdravkovic V, Pejnovic N, Arsenijevec N, Lukic ML. ST2 Gene-Deletion Reveals a Role of Foxp3+ Regulatory T Cells in Diabetes Modulation in BALB/c mice. *Translational Research* 2013;161:118-29. **M21; IF=4.044 (2013)**
8. **Pavlovic S**, Zdravkovic N, Pejnovic N, Djoumerska-Aleksieva I.K., Arsenijevec N, Vassilev T.L and Lukic M.L. Enhanced anti-diabetogenic effect of intravenous immune globulin modified by ferrous ion exposure. *Eur J Inflamm* 2014;12(1):67-76. **M23; IF= 0.298 (2014)**

9. Sarenac Vulovic TS, **Pavlovic SM**, Zdravkovic NS. Proinflammatory Cytokines Induce XFG Development. *Ocul Immunol Inflamm.* 2016;24(6):671-7. **M22; IF= 2.453 (2016)**
10. Sarenac Vulovic TS, **Pavlovic SM**, Jakovljevic VLJ, Janicijevic KB, Zdravkovic NS. Nitric oxide and tumour necrosis factor alpha in the process of pseudoexfoliation glaucoma. *Int J Ophthalmol* 2016;9(8):1138-42. **M23; IF=1.177 (2016)**
11. Janićijević K, Kocić S, **Pavlović S**, Zdravković N, Šarenac Vulović T, Janićijević Petrović M. The importance of developing atherosclerosis in pseudoexfoliation glaucoma. *Vojnosanit Pregl* 2017; 74(1): 8-12 **M23; IF=0.405 (2017)**
12. **Pavlovic S\***, Petrovic I, Jovicic N, Ljubic B, Miletic Kovacevic M, Arsenijevic N, Lukic M. IL-33 prevents MLD-STZ induction of diabetes and attenuate insulinitis in prediabetic NOD mice. *Front Immunol.* 2018.9:2646 **M21; IF=5.789 (2018)**
13. Sarenac Vulovic T, **Pavlovic S**, Lutovac M, Zdravkovic V, Sreckovic S, Zdravkovic N. Regulatory cytokines prescribe the outcome of the inflammation in the process of PEX production. *J Chin Med Assoc.* 2019; 82(12):935-40. **M22; IF=2.170 (2019)**
14. Petrovic I, Pejnovic N, Ljubic B, **Pavlovic S**, Miletic Kovacevic M, Jetic I, Djukic A, Draginic N, Andjic M, Arsenijevic N, Lukic ML, Jovicic N. Overexpression of Galectin 3 in Pancreatic  $\beta$  Cells Amplifies  $\beta$ -Cell Apoptosis and Islet Inflammation in Type-2 Diabetes in Mice. *Front Endocrinol* 2020;11:30. **M21; IF=5.555 (2020)**
15. Savić D, Simović A, Ristić D, Stojković T, Živojinović S, Prodanović T, **Pavlović S**, Stojković A, Igrutinović Z, Pavlović R. Fatal Outcome of COVID-19 in a Newborn. *Indian J Pediatr.* 2021;88(9):949. **M23; IF=1.967 (2021)**
16. Petrovic A, Jovanovic I, Jurisevic M, Jovanovic MZ, Jovanovic MM, **Pavlovic S**, Arsenijevic N, Supic G, Vojvodic D, Jovanovic MM, Gajovic N. Metformin promotes antitumor activity of NK cells via overexpression of miRNA-150 and miRNA-155. *Am J Transl Res* 2023;15(4): 2727-2737. **M22; IF=3.940 (2021)**

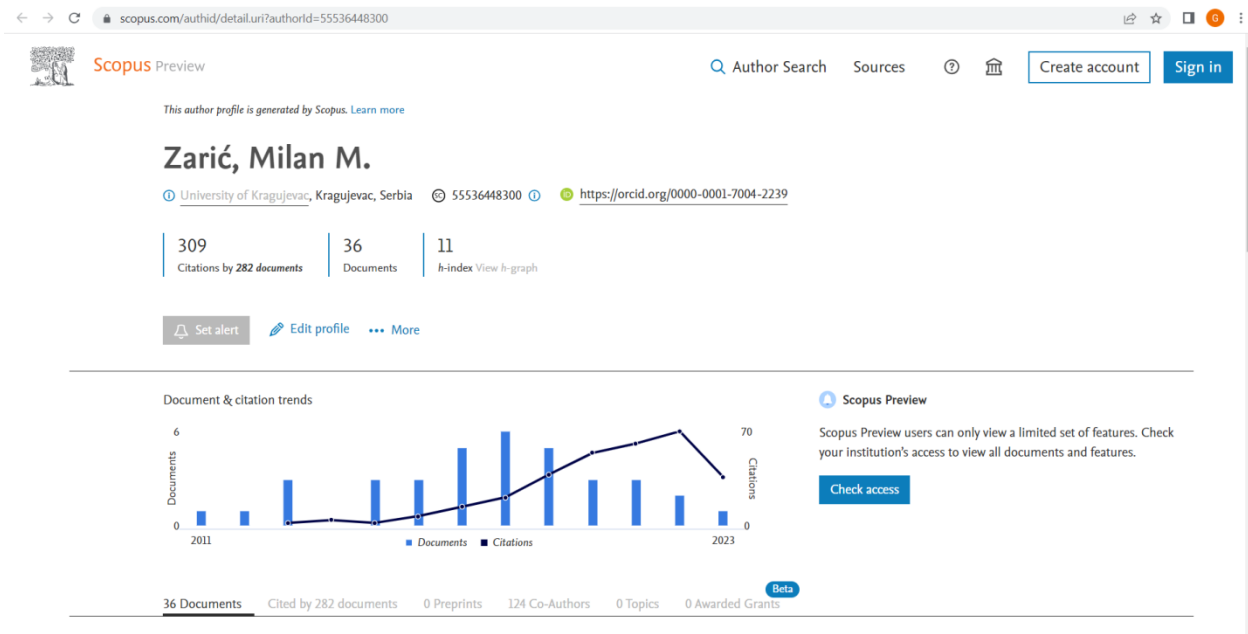


Проф. др Милан Зарић

1. Nikolic I, Mitrovic M, Zelen I, **Zaric M**, Kastratovic T, Stanojevic M, Nenadovic M, Stojanovic T. Inhibitory role of monovalent ions on rat brain cortex adenylyl cyclase activity. *J Enzyme Inhib Med Chem* 2013;28(5):1061-1066. **M22; IF=2,383 (2013)**
2. Conlon JM, Mechkarska M, Prajeep M, Arafat K, **Zaric M**, Lukic ML, Attoub S. Transformation of the naturally occurring frog skin peptide, alyteserin-2a into a potent, non-toxic anti-cancer agent. *Amino Acids* 2013;44(2):715-723. **M22; IF=3,653 (2013)**
3. **Zaric M**, Mitrovic M, Nikolic I, Baskic D, Popovic S, Djurdjevic P, Milosavljevic Z, Zelen I. Chrysin Induces Apoptosis in Peripheral Blood Lymphocytes Isolated from Human Chronic Lymphocytic leukemia. *Anti-cancer Agents Med Chem* 2015;15(2):189-195. **M22; IF=2,849 (2015)**
4. Stojković D, Jevtić V, Radić G, Todorović D, Petrović M, **Zarić M**, Nikolić I, Baskić D, Trifunović S. Stereospecific ligands and their complexes. XXII. Synthesis and antitumor activity of palladium(II) complexes with some esters of (S,S)-ethylenediamine-N,N'-di-(2,2'-di(4-hydroxy-benzyl))-acetic acid. *J Inorg Biochem* 2015;143:111-116. **M21; IF= 3,227 (2015)**
5. Andjelkovic M, Jankovic S, Mitrovic M, Mladenovic V, Nikolic I, Zelen I, **Zaric M**, Canovic P, Folic M. Effects of cardiovascular drugs on TSH serum levels in patients on replacement therapy after thyroidectomy. *Int J Clin Pharmacol Ther* 2016;54(8):628-633. **M23; IF=1,003 (2016)**
6. Joksimović N, Baskić D, Popović S, **Zarić M**, Kosanić M, Ranković B, Stanojković T, Novaković SB, Davidović G, Bugarčić Z, Janković N. Synthesis, characterization, biological activity, DNA and BSA binding study: novel copper(ii) complexes with 2-hydroxy-4-aryl-4-oxo-2-butenolate. *Dalton Trans* 2016;45(38):15067-15077. **M21; IF=4,029 (2016)**
7. Deljanin M, Nikolic M, Baskic D, Todorovic D, Djurdjevic P, **Zaric M**, Stankovic M, Todorovic M, Avramovic D, Popovic S. Chelidonium majus crude extract inhibits migration and induces cell cycle arrest and apoptosis in tumor cell lines. *J Ethnopharmacol* 2016;190:362-371. **M21a; IF=3,369 (2016)**
8. Popovic S, Djurdjevic P, **Zaric M**, Mijailovic Z, Avramovic D, Baskic D. Effects of host defense peptides B2RP, Brevinin-2GU, D-Lys-Temporin, Lys-XT-7 and D-Lys-Ascaphin-8 on peripheral blood mononuclear cells: Preliminary study. *Period Biol* 2017;119(2):113-118. **M23; IF=0,272 (2017)**
9. Stojković D, Jevtić V, Vuković N, Vukić M, Potočňák I, Zelen I, **Zarić M**, Mišić M, Baskić D, Kaluderović G, Trifunović S. Crystal and molecular structure of a new palladium(ii) complex with a coumarin-valine derivate. *J Struct Chem* 2017;58(3):550-557. **M23; IF=0,527 (2017)**
10. Baskic D, Vukovic V, Popovic S, Djurdjevic P, **Zaric M**, Nikolic I, Zelen I, Mitrovic M, Avramovic D, Mijailovic Z. Cytokine profile in chronic hepatitis C: An observation. *Cytokine* 2017;96:185-188. **M22; IF=3,514 (2017)**
11. Vukic M, Vukovic N, Djelic G, Popovic S, **Zaric M**, Baskic D, Krstic G, Tesevic V, Kacaniova M. Antibacterial and cytotoxic activities of naphthoquinone pigments from *Onosma visianii* Clem. *EXCLI J* 2017;16:73-88. **M21; IF=2,424 (2017)**
12. Nikolic I, Andjelkovic M, **Zaric M**, Zelen I, Canovic P, Milosavljevic Z, Mitrovic M. Induction of mitochondrial apoptotic pathway by raloxifene and estrogen in human endometrial stromal ThESC cell line. *Arch Med Sci* 2017;13(2):293-301. **M21; IF=2,344 (2017)**
13. Milutinović M, Čanović P, Stevanović D, Masnikosa R, Vraneš M, Tot A, **Zarić M**, Simović Marković B, Misirkić Marjanović M, Vučićević Lj, Savić M, Jakovljević V, Trajković V, Volarević V, Kanjevac T, Rilak Simović A. Newly Synthesized Heteronuclear Ruthenium(II)/Ferrocene Complexes Suppress the Growth of Mammary Carcinoma in 4T1-Treated BALB/c Mice by Promoting Activation of Antitumor Immunity. *Organometallics* 2018;37(22):4250-4266. **M21; IF=4,100 (2018)**

14. Stojković D, Jevtić V, Vuković N, Vukić M, Čanović P, **Zarić M**, Mišić M, Radovanović D, Baskić D, Trifunović D. Synthesis, characterization, antimicrobial and antitumor reactivity of new palladium(II) complexes with methionine and tryptophane coumarine derivatives. *J Mol Struct* 2018;1157:425-433. **M23; IF=2,120 (2018)**
15. Stojković D, Jevtić V, Radić G, Đukić M, Jelić R, **Zarić M**, Anđelković M, Mišić M, Baskić D, Trifunović S. Stereospecific ligands and their complexes. XXIV. Synthesis, characterization and some biological properties of Pd(II) and Pt(II) complexes with R2-S,S-eddyr. *New J Chem* 2018;42(5):3924-3935. **M22; IF=3,069 (2018)**
16. Nikolic I, Andjelkovic M, **Zaric M**, Zelen I, Milosavljevic Z, Canovic P, Mitrovic M. Enhanced cytotoxicity and apoptosis by raloxifene in combination with estrogen and methotrexate in human endometrial stromal cells. *Chem Biol Drug Des* 2018;91(4):885-892. **M22; IF=2,434 (2018)**
17. Vukic M, Vukovic N, Obradovic A, Popovic S, **Zaric M**, Djurdjevic P, Markovic S, Baskic D. Naphthoquinone rich *Onosma visianii* Clem (Boraginaceae) root extracts induce apoptosis and cell cycle arrest in HCT-116 and MDA-MB-231 cancer cell lines. *Nat Prod Res* 2018;32(22):2712-2716. **M22; IF=1,999 (2018)**
18. Marković N, **Zarić M**, Živković MD, Rajković S, Jovanović I, Arsenijević N, Čanović P, Ninković S. Novel platinum(II) complexes selectively induce apoptosis and cell cycle arrest of breast cancer cells in vitro. *ChemistrySelect* 2019;4:12971-12977. **M22; IF=1,835 (2019)**
19. Kuchárová V, Kuchár J, **Zaric M**, Canovic P, Arsenijevic N, Volarevic V, Misirkic M, Trajkovic V, Radojević ID, Čomić LR, Matik M. Low-dimensional compounds containing bioactive ligands. Part XI: Synthesis, structures, spectra, in vitro anti-tumor and antimicrobial activities of 3d metal complexes with 8-hydroxyquinoline-5-sulfonic acid. *Inorg Chim Acta* 2019;497:119062. **M22; IF=2,304 (2019)**
20. Popović A, Nikolić M, Mijajlović M, Ratković Z, Jevtić V, Trifunović SR, Radić G, **Zaric M**, Canovic P, Milovanovic M, Radisavljevic S, Medjedovic M, Petrovic B, Jovanovic I. DNA binding and antitumor activities of zinc(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. *Transit Metal Chem* 2019;44:219-228. **M23; IF=1,366 (2019)**
21. Muškinja J, Burmudžija A, Baskić D, Popović S, Todorović D, **Zarić M**, Ratković Z. Synthesis and anticancer activity of chalcone analogues with sulfonyl groups. *Med Chem Res* 2019;28(3):279-291. **M23; IF=1,783 (2019)**
22. Joksimović N, Janković N, Petronijević J, Baskić D, Popovic S, Todorović D, **Zarić M**, Klisurić O, Vraneš M, Tot A, Bugarčić Z. Synthesis, Anticancer Evaluation and Synergistic Effects with cisplatin of Novel Palladium Complexes: DNA, BSA Interactions and Molecular Docking Study. *Med Chem* 2020;16(1):78-92. **M22; IF=3,022 (2020)**
23. **Zaric M**, Zivkovic-Zaric R, Mitrovic M, Nikolic I, Canovic P, Milosavljevic Z, Jovanovic D, Sekulic M, Zelen I. Teucrium polium induces apoptosis in peripheral blood lymphocytes isolated from human chronic lymphocytic leukemia. *Vojnosanit pregl* 2020;77(12):1252-1259. **M23; IF=0,378 (2020)**
24. Zaric Zivkovic R, Jankovic S, **Zaric M**, Milosavljevic M, Stojadinovic M, Pejcic A. Antimicrobial treatment of morganella morganii invasive infections: Systematic review. *Indian J Med Microbiol* 2021;39(4):404-412. **M23; IF=1,404 (2021)**
25. **Zarić M**, Čanović P, Stanojević-Pirković M, Knežević S, Živković-Zarić R, Popovska-Jovičić B, Hamzagić N, Simović-Marković B, Marković N, Rilak-Simović A. New gold pincer-type complexes induce caspase-dependent apoptosis in human cancer cells in vitro. *Vojnosanit Pregl* 2021;78(8):865-873. **M23; IF=0,358 (2021)**
26. **Zaric M**, Popovic S, Baskic D, Jovanovic D, Djurdjevic P, Zivkovic Zaric R, Canovic P, Zelen I. Ligustrum vulgare leaves and fruit extracts induce apoptosis of human leukemia cells. *Periodicum Biologorum* 2022;123(3-4):71-77. **M23; IF=0,992 (2021)**
27. Zivkovic Zaric R, **Zaric M**, Jankovic S, Stojadinovic M, Canovic P, Zornic N, Zornic J, Spasic M, Jakovljevic S, Jovanovic D, Jug M. Validation of the Fear of COVID-19 Scale in a central Balkan country-Serbia. *Frontiers in Public Health*. 2022;10:972668. **M21; IF=6,461 (2021)**

28. Simić D, **Zarić M**, Nikolić I, Živković-Zarić R, Čanović P, Kočović A, Radojević I, Raković I, Milić SJ, Petrović Đ, Stojković D. Newly synthesized palladium (II) complexes with aminothiazole derivatives: in vitro study of antimicrobial activity and antitumor activity on the human prostate cancer cell line. *Dalton Transactions*. 2022;51(3):1191-1205. **M21; IF=4,569 (2021)**
29. Zivkovic Zarić R, **Zarić M**, Sekulic M, Zornic N, Nesić J, Rosić V, Vulović T, Spasić M, Vuleta M, Jovanović J, Jovanović D. Antimicrobial Treatment of *Serratia marcescens* Invasive Infections: Systematic Review. *Antibiotics*. 2023;12(2):367. **M21; IF=5,222 (2021)**

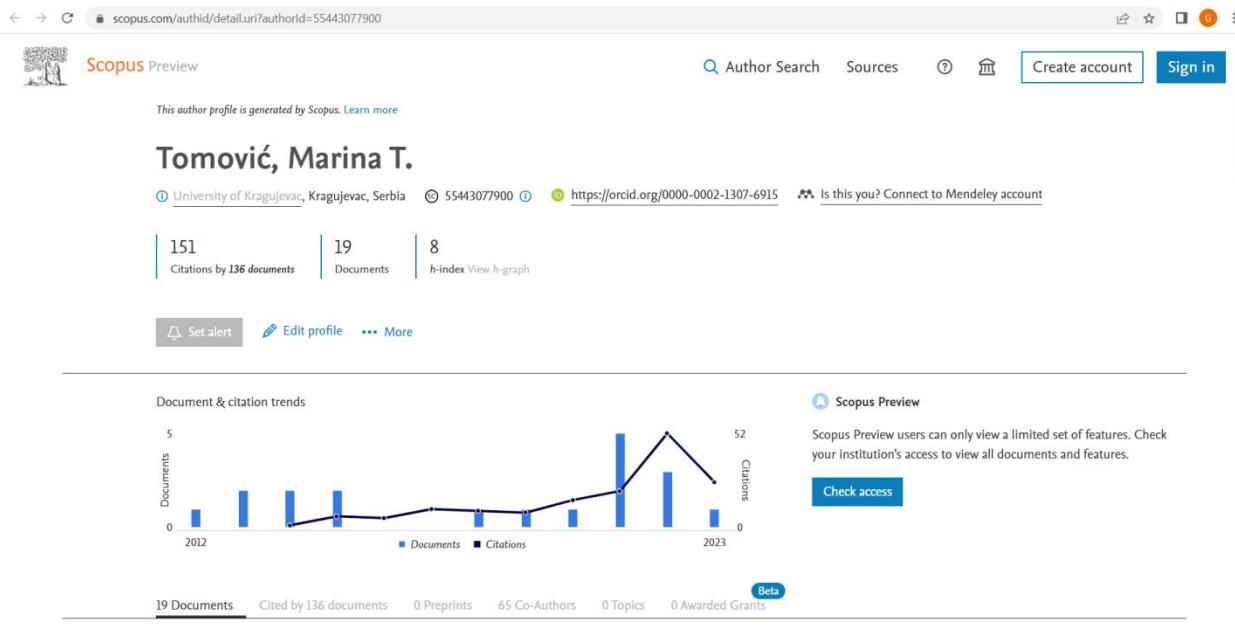


### Проф. др Марина Томовић

1. Dostić PM, **Tomović TM**, Popović-Milenković TM, Stefanović MS, Janković MS. Risk factors for intraoperative arrhythmias in general surgery patients operated under general anesthesia. *Med Glas*. 2012;9(2):204-10. **M23; IF= 0,202 (2012)**
2. Radovanovic MA, Cupara MS, Popovic LjS, **Tomovic TM**, Slavkovska NV, Jankovic MS. Cytotoxic effect of *Potentilla reptans L.* rhizome and aerial part extracts. *Acta Pol Pharm*. 2013;70(5):851-4. **M23; IF= 0,693 (2013)**
3. Kostic M, Jovanovic S, **Tomovic M**, Popovic Milenkovic M, Jankovic S. Cost – effectiveness analysis of tracicizumab in combination with methotrexate for rheumatoid arthritis: a Markov model based on data from a Balkan country in socio – economic transition. *Vojnosanit Pregl*. 2014;71(2):144-8. **M23 IF= 0,292 (2014)**
4. Popovic-Milenkovic TM, **Tomovic TM**, Brankovic RS, Ljujic TB, Jankovic MS. Antioxidant and anxiolytic activities of *Crataegus nigra* Wald. et Kit berries. *Acta Pol Pharm*. 2014;71(2):279-85. **M23; IF= 0,737 (2014)**
5. **Tomovic MT**, Cupara SM, Popovic-Milenkovic MT, Ljujic BT, Kostic MJ, Jankovic SM. Antioxidant and anti-inflammatory activity of *Potentilla reptans L.* *Acta Pol Pharm*. 2015;72(1):137-45. **M23; IF= 0,877 (2015)**

6. Jelic R, **Tomovic MT**, Stojanovic S, Joksovic Lj, Jakovljevic I, Djurdjevic P. Study of inclusion complex of  $\beta$ -cyclodextrin and levofloxacin and its effect on the solution equilibria between gadolinium(III) ion and levofloxacin. *Monatsh Chem.* 2015;146:1621-30. **M23; IF= 1,131 (2015)**
7. Bradic J, Zivkovic V, Srejovic I, Jakovljevic V, Petkovic A, Nikolic Turnic T, Jeremic J, Jeremic N, Mitrovic S, Sobot T, Ponorac N, Ravic M, **Tomovic M**. Protective Effects of Galium verum L. Extract against Cardiac Ischemia/Reperfusion Injury in Spontaneously Hypertensive Rats. *Oxid Med Cell Longev.* 2019;2019:4235405. **M21; IF= 5,076 (2019)**
8. Bradic J, Jeremic N, Petkovic A, Jeremic J, Zivkovic V, Srejovic I, Sretenovic J, Matic S, Jakovljevic V, **Tomovic M**. Cardioprotective effects of *Galium verum* L. extract against myocardial ischemia-reperfusion injury. *Arch Physiol Biochem.* 2020;126(5):408-15. **M21; IF= 4,076 (2020)**
9. Krivokapic M, Jakovljevic V, Sovrljic M, Bradic J, Petkovic A, Radojevic I, Brankovic S, Comic Lj, Andjic M, Kocovic A, **Tomovic M**. Biological Activities Of Different Extracts From Allium Ursinum Leaves. *Acta Pol Pharm.* 2020; 77;121-9. **M23; IF=0,330 (2020)**
10. Petkovic A, Jakovljevic V, **Tomovic M**, Jeremic J, Ristic G, Bradic J. Improving Oxidative Stability of Cosmetic Emulsions with Plant Extracts: Current Status and Potential. *J Cosmet Sci.* 2021;72(2):189-99. **M23; IF=0,732 (2021)**
11. Draginic N, Jakovljevic V, Andjic M, Jeremic J, Srejovic I, Rankovic M, **Tomovic M**, Nikolic Turnic T, Svistunov A, Bolevich S, Milosavljevic I. Melissa officinalis L. as a Nutritional Strategy for Cardioprotection. *Front Physiol.* 2021;12:661778. **M21; IF= 4,755 (2021)**
12. Rankovic M, Krivokapic M, Bradic J, Petkovic A, Zivkovic V, Sretenovic J, Jeremic N, Bolevich S, Kartashova M, Jeremic J, Bolevich S, Jakovljevic V, **Tomovic M**. New Insight Into the Cardioprotective Effects of Allium ursinum L. Extract Against Myocardial Ischemia-Reperfusion Injury. *Front Physiol.* 2021;12:690696. **M21; IF= 4,755 (2021)**
13. Andjic M, Božin B, Draginić N, Kočović A, Jeremić JN, **Tomović M**, Milojević Šamanović A, Kladar N, Čapo I, Jakovljević V, Bradić JV. Formulation and Evaluation of Helichrysum italicum Essential Oil-Based Topical Formulations for Wound Healing in Diabetic Rats. *Pharmaceuticals-Base.* 2021;14(8):813. **M21; IF = 5,215 (2021)**
14. Mićović T, Katanić Stanković JS, Bauer R, Nöst X, Marković Z, Milenković D, Jakovljević V, **Tomović M**, Bradić J, Stešević D, Stojanović D, Maksimović Z. In vitro, in vivo and in silico evaluation of the anti-inflammatory potential of Hyssopus officinalis L. subsp. aristatus (Godr.) Nyman (Lamiaceae). *J Ethnopharmacol.* 2022;293:115201 **M21; IF= 5,195 (2021)**
15. Draginic N, Andjic M, Jeremic J, Zivkovic V, Kocovic A, **Tomovic M**, Bozin B, Kladar N, Bolevich S, Jakovljevic V, Milosavljevic I. Anti-inflammatory and Antioxidant Effects of Melissa officinalis Extracts: A Comparative Study. *Iran J Pharm Res.* 2022;21(1):e126561. **M23; IF= 1,951 (2021)**
16. Petković S, Milovanović O, Dragutinović N, Djurić S, Pavlović R, Ravić M, Kostić M, Petrović M, **Tomovic M**, Djurić D. Analysis of the factors influencing consumer behavior in choosing of OTC medicines. *Acta Pol Pharm - Drug Research.* 2022;79:137-44. **M23; IF= 0,555 (2021)**
17. Milevic A, Simic M, **Tomovic M**, Rankovic M, Jakovljevic V, Bradic J. The effects of methanol extract of *Galium verum* L on cardiac redox state in hypertensive rats. *Braz J Pharm Sci.* 2022;58:e191062 **M23; IF =1,214 (2021)**
18. Nikolic M, Jakovljevic V, Bradic J, **Tomovic M**, Petrovic B, Petrovic A. Korean And Siberian Pine: Review Of Chemical Composition And Pharmacological Profile. *Acta Pol Pharm – Drug Research.* 2022;79:785-97 **M23; IF= 0,555 (2021)**
19. Bradic J, Andjic M, Novakovic J, Kocovic A, **Tomovic M**, Petrovic A, Nikolic M, Mitrovic S, Jakovljevic V, Pecarski D. Lady's Bedstraw as a Powerful Antioxidant for Attenuation of Doxorubicin-Induced Cardiotoxicity. *Antioxidants (Basel).* 2023;12(6):1277. **M21a; IF=7,886(2021)**





### Виши НС Бојана Симовић Марковић

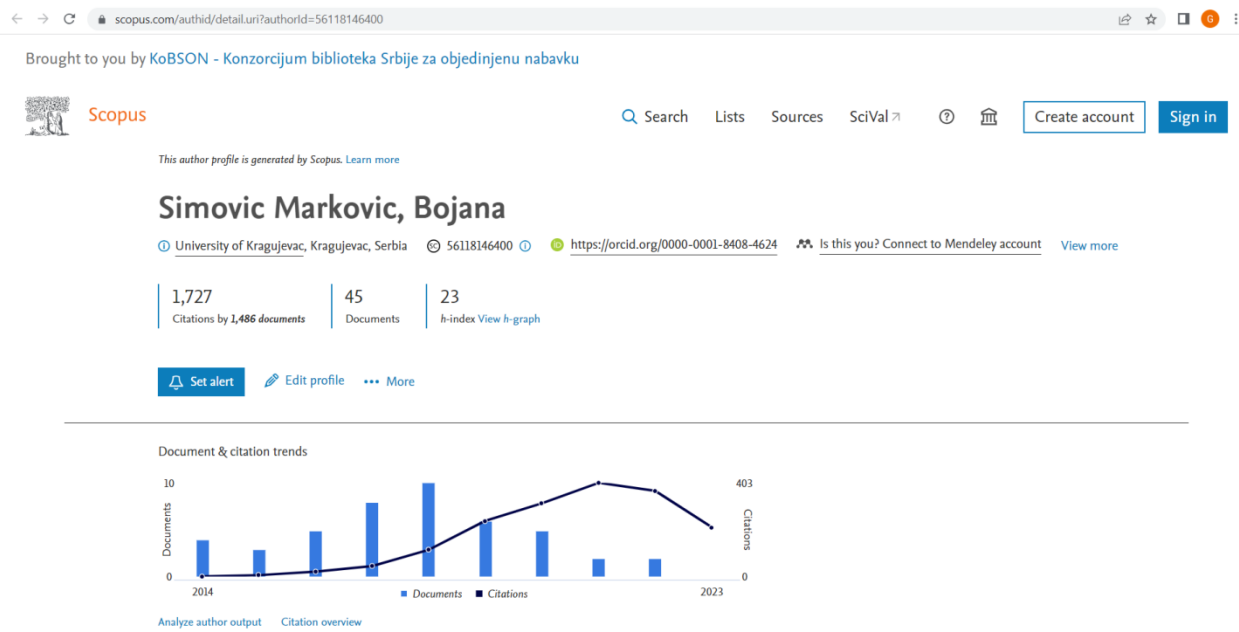
1. Volarevic V, Paunovic V, Markovic Z, **Simovic Markovic B**, Misirkic-Marjanovic M, Todorovic-Markovic B, Bojic S, Vucicevic L, Jovanovic S, Arsenijevic N, Holclajtner-Antunovic I, Milosavljevic M, Dramicanin M, Kravic-Stevovic T, Ciric D, Lukic ML, Trajkovic V. Large graphene quantum dots alleviate immune-mediated liver damage. *ACS Nano* 2014;8(12):12098-12109. **M21a; IF=12.881 (2014)**
2. Jovanovic IP, Radosavljevic GD, **Simovic-Markovic BJ**, Stojanovic SP, Stefanovic SM, Pejnovic NN, Arsenijevic NN. Clinical significance of Cyclin D1, FGF3 and p21 protein expression in laryngeal squamous cell carcinoma. *J BUON* 2014;19(4):944-52. **M23; IF=0.741 (2014)**
3. Volarevic V, Misirkic M, Vucicevic L, Paunovic V, **Simovic Markovic B**, Stojanovic M, Milovanovic M, Jakovljevic V, Micic D, Arsenijevic N, Trajkovic V, Lukic ML. Metformin aggravates immune-mediated liver injury in mice. *Arch Toxicol* 2015;89(3):437-450. **M21a; IF=6.637 (2015)**
4. **Simovic Markovic B**, Nikolic A, Gazdic M, Bojic S, Vucicevic L, Mitrovic S, Besra G, Trajkovic V, Volarevic V, **Markovic BS**, Bojic S, Stojanovic M, Nilsson U, Leffler H, Besra GS, Arsenijevic N, Paunovic V, Trajkovic V, Lukic ML. Gal-3 regulates the capacity of dendritic cells to promote NKT-cell-induced liver injury. *Eur J Immunol* 2015;45(2):531-543. **M21; IF=4.179 (2015)**
5. Mijajlovic M, Nikolic M, Jevtic V, Ratkovic Z, **Simovic Markovic B**, Volarevic V, Arsenijevic N, Novakovic S, Bogdanovic G, Trifunovic S, Radic G. Cytotoxicity of palladium(II) complexes with some alkyl derivatives of thiosalicylic acid. Crystal structure of the bis(S-butyl-thiosalicylate) palladium (II) complex, [Pd(S-bu-thiosal)2]. *Polyhedron* 2015;90:34-40. **M22; IF=2.108 (2015)**

6. Arsenijevic N, Lukic ML, Volarevic V. Gal-3 plays an important pro-inflammatory role in the induction phase of acute colitis by promoting activation of NLRP3 inflammasome and production of IL-1 $\beta$  in macrophages. *J Crohns Colitis* 2016;10(5):593-606. **M21; IF=5.813 (2016)**
7. Milosavljevic MZ, Jovanovic IP, Pejnovic NN, Mitrovic SL, Arsenijevic NN, **Simovic Markovic BJ**, Lukic ML. Deletion of IL-33R attenuates VEGF expression and enhances necrosis in mammary carcinoma. *Oncotarget* 2016;7(14):18106-15. **M21; IF=5.168 (2016)**
8. Potočňák I, Vranec P, Farkasová V, Sabolová D, Vataščinová M, Kudláčová J, Radojević ID, Čomić LR, **Markovic BS**, Volarevic V, Arsenijevic N, Trifunović SR. Low-dimensional compounds containing bioactive ligands. Part VI: Synthesis, structures, in vitro DNA binding, antimicrobial and anticancer properties of first row transition metal complexes with 5-chloroquinolin-8-ol. *J Inorg Biochem* 2016;154:67-77. **M21; IF=3.348 (2016)**
9. **Simovic Markovic B**, Nikolic A, Gazdic M, Nurkovic J, Djordjevic I, Arsenijevic N, Stojkovic M, Lukic ML, Volarevic V. Pharmacological Inhibition of Gal-3 in Mesenchymal Stem Cells Enhances Their Capacity to Promote Alternative Activation of Macrophages in Dextran Sulphate Sodium-Induced Colitis. *Stem Cells Int* 2016;2016:2640746. **M22; IF=3.54 (2016)**
10. Ratković Z, Muškinja J, Burmudžija A, Ranković B, Kosanić M, Bogdanović G, **Simović Marković B**, Nikolić A, Arsenijević N, Đorđević S, Vukićević R. Dehydrozingerone based 1-acetyl-5-aryl-4,5-dihydro-1H-pyrazoles: synthesis, characterization and anticancer activity. *J Mol Struct* 2016;1109:82-88. **M23; IF=1.753 (2016)**
11. Gazdic M, Arsenijevic A, **Markovic BS**, Volarevic A, Dimova I, Djonov V, Arsenijevic N, Stojkovic M, Volarevic V. Mesenchymal Stem Cell-Dependent Modulation of Liver Diseases. *Int J Biol Sci.* 2017;13(9):1109-1117. **M21; IF=4.057 (2017)**
12. Milosavljevic N, Gazdic M, **Markovic BS**, Arsenijevic A, Nurkovic J, Dolicanin Z, Djonov V, Lukic ML, Volarevic V. Mesenchymal stem cells attenuate acute liver injury by altering ratio between IL-17 producing and regulatory NKT cells. *Liver Transpl.* 2017;23(8):1040-1050. **M21a; IF= 4.005 (2017)**
13. Skuletic V, Radosavljevic GD, Pantic J, **Markovic BS**, Jovanovic I, Jankovic N, Petrovic D, Jevtovic A, Dzodic R, Arsenijevic N. Angiogenic and lymphangiogenic profiles in histological variants of papillary thyroid carcinoma. *Pol Arch Intern Med.* 2017;127(6):429-437. **M21; IF=2.658 (2017)**
14. Arsenijevic M, Milovanovic M, Jovanovic S, Arsenijevic N, **Markovic BS**, Gazdic M, Volarevic V. In vitro and in vivo anti-tumor effects of selected platinum(IV) and dinuclear platinum(II) complexes against lung cancer cells. *J Biol Inorg Chem.* 2017;22(6):807-817. **M21; IF=2.952 (2017)**
15. Volarevic V, Gazdic M, **Simovic Markovic B**, Jovicic N, Djonov V, Arsenijevic N. Mesenchymal stem cell-derived factors: Immuno-modulatory effects and therapeutic potential. *Biofactors* 2017;43(5):633-644. **M22; IF=3.038 (2017)**
16. **Simovic Markovic B**, Gazdic M, Arsenijevic A, Jovicic N, Jeremic J, Djonov V, Arsenijevic N, Lukic ML, Volarevic V. Mesenchymal Stem Cells Attenuate Cisplatin-Induced Nephrotoxicity in iNOS-Dependent Manner. *Stem Cells Int.* 2017;2017:1315378. **M22; IF=3.989 (2017)**
17. Gazdic M, **Simovic Markovic B**, Jovicic N, Misirkic-Marjanovic M, Djonov V, Jakovljevic V, Arsenijevic N, Lukic ML, Volarevic V. Mesenchymal Stem Cells Promote Metastasis of Lung Cancer Cells by Downregulating Systemic Antitumor Immune Response. *Stem Cells Int.* 2017;2017:6294717. **M22; IF=3.989 (2017)**
18. Acovic A, **Simovic Markovic B\***, Gazdic M, Arsenijevic A, Jovicic N, Gajovic N, Jovanovic M, Zdravkovic N, Kanjevac T, Harrell CR, Fellabaum C, Dolicanin Z, Djonov V, Arsenijevic N, Lukic ML, Volarevic V. Indoleamine 2,3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. *Therap Adv Gastroenterol* 2018;11:1756284818793558. **M21; IF=4.168 (2017)**
19. Gazdic M, **Simovic Markovic B**, Arsenijevic A, Jovicic N, Acovic A, Harrell CR, Fellabaum C, Djonov V, Arsenijevic N, Lukic ML, Volarevic V. Crosstalk between mesenchymal stem cells



- and T regulatory cells is crucially important for the attenuation of acute liver injury. *Liver Transpl* 2018;24(5):687-702. **M21a; IF=4.159 (2018)**
20. Volarevic V, **Markovic BS**, Gazdic M, Volarevic A, Jovicic N, Arsenijevic N, Armstrong L, Djonov V, Lako M, Stojkovic M. Ethical and Safety Issues of Stem Cell-Based Therapy. *Int J Med Sci.* 2018;15(1):36-45. **M21; IF=2.636 (2018)**
  21. Milutinović MM, Čanović PP, Stevanović D, Masnikosa R, Vraneš M, Tot A, Zarić MM, **Simović Marković B**, Misirkić Marjanović M, Vučićević Lj, Savić M, Jakovljević V, Trajković V, Volarević V, Kanjevac T, Rilak Simović A. Newly Synthesized Heteronuclear Ruthenium(II)/Ferrocene Complexes Suppress the Growth of Mammary Carcinoma in 4T1-Treated BALB/c Mice by Promoting Activation of Antitumor Immunity. *Organometallics* 2018;37(22):4250-4266. **M21; IF=4.100 (2018)**
  22. Harrell CR, **Simovic Markovic B**, Fellabaum C, Arsenijevic A, Djonov V, Volarevic V. Molecular mechanisms underlying therapeutic potential of pericytes. *J Biomed Sci.* 2018; 25(1):21. **M21; IF=5.203 (2018)**
  23. **Markovic BS**, Kanjevac T, Harrell CR, Gazdic M, Fellabaum C, Arsenijevic N, Volarevic V. Molecular and Cellular Mechanisms Involved in Mesenchymal Stem Cell-Based Therapy of Inflammatory Bowel Diseases. *Stem Cell Rev* 2018;14(2):153-165. **M21; IF=4.697 (2018)**
  24. Gazdic M, **Simovic Markovic B**, Vucicevic L, Nikolic T, Djonov V, Arsenijevic N, Trajkovic V, Lukic ML, Volarevic V. Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver NKT cells in iNOS and IDO dependent manner. *J Tissue Eng Regen Med.* 2018;12(2):e1173-e1185. **M21; IF=3.319 (2018)**
  25. Milosavljevic N, Gazdic M, **Simovic Markovic B**, Arsenijevic A, Nurkovic J, Dolicanin Z, Jovicic N, Jeftic I, Djonov V, Arsenijevic N, Lukic ML, Volarevic V. Mesenchymal stem cells attenuate liver fibrosis by suppressing Th17 cells – an experimental study. *Transpl Int.* 2018;31(1):102-115. **M21; IF=3.526 (2018)**
  26. Harrell CR, **Simovic Markovic B**, Fellabaum C, Arsenijevic A, Djonov V, Arsenijevic N, Volarevic V. Therapeutic Potential of Mesenchymal Stem Cell-Derived Exosomes in the Treatment of Eye Diseases. *Adv Exp Med Biol.* 2018;1089:47-57. **M23; IF=2.126 (2018)**
  27. Nikolic A, **Simovic Markovic B**, Gazdic M, Harrell CR, Fellabaum C, Djonov V, Jovicic N, Arsenijevic N, Lukic ML, Stojkovic M, Volarevic V. Intraperitoneal administration of mesenchymal stem cells ameliorate acute dextran sulfate sodium-induced colitis by suppressing dendritic cells. *Biomed Pharmacother.* 2018;100:426-432. **M21; IF=3.743 (2018)**
  28. Volarevic V, **Markovic BS**, Jankovic MG, Djokovic B, Jovicic N, Harrell CR, Fellabaum C, Djonov V, Arsenijevic N, Lukic ML. Galectin 3 protects from cisplatin-induced acute kidney injury by promoting TLR-2-dependent activation of IDO1/Kynurenine pathway in renal DCs. *Theranostics* 2019;9(20):5976-6001. **M21a; IF=8.579 (2019)**
  29. Jovanovic M, **Simovic Markovic B\***, Gajovic N, Jurisevic M, Djukic A, Jovanovic I, Arsenijevic N, Lukic A, Zdravkovic N. Metabolic syndrome attenuates ulcerative colitis: Correlation with interleukin-10 and galectin-3 expression. *World J Gastroenterol* 2019;25(43):6465-6482. **M21; IF= 4.048 (2019)**
  30. Harrell CR, Fellabaum C, Arsenijevic A, **Markovic BS**, Djonov V, Volarevic V. Therapeutic Potential of Mesenchymal Stem Cells and Their Secretome in the Treatment of Glaucoma. *Stem Cells Int.* 2019;2019:7869130. **M22; IF= 3.989 (2019)**
  31. Volarevic V, Zdravkovic N, Harrell CR, Arsenijevic N, Fellabaum C, Djonov V, Lukic ML, **Simovic Markovic B**. Galectin-3 Regulates Indoleamine-2,3-dioxygenase-Dependent Cross-Talk between Colon-Infiltrating Dendritic Cells and T Regulatory Cells and May Represent a Valuable Biomarker for Monitoring the Progression of Ulcerative Colitis. *Cells* 2019;8(7):709. **M22; IF=4.366 (2019)**
  32. Harrell CR, **Markovic BS**, Fellabaum C, Arsenijevic A, Volarevic V. Mesenchymal stem cell-based therapy of osteoarthritis: Current knowledge and future perspectives. *Biomed Pharmacother* 2019;109:2318-2326. **M21; IF=4.545 (2019)**

33. Jovanovic M, Gajovic N, Jurisevic M, **Simovic Markovic B**, Maric V, Jovanovic M, Arsenijevic N, Zdravkovic N. Fecal sST2 correlates with disease severity of ulcerative colitis. *Vojnosanit Pregl* 2019;76(11):1153-1161. **M23; IF=0.152 (2019)**
34. Harrell CR, **Markovic BS**, Fellabaum C, Arsenijevic N, Djonov V, Volarevic V. The role of Interleukin 1 receptor antagonist in mesenchymal stem cell-based tissue repair and regeneration. *Biofactors* 2020;46(2):263-275. **M21; IF=6.113 (2020)**
35. Lüköová A, Drweesh EA, Volarevic V, Miloradovic D, **Markovic BS**, Smolková R, Samořová E, Kuchár J, Vilková M, Potočňák I. Low-dimensional compounds containing bioactive ligands. Part XIII: Square planar anti-cancer Pd(II) complexes with halogenderivatives of 8-quinolinol and dimethylamine. *Polyhedron*. 2020;184:114535. **M22; IF=3.052 (2020)**
36. Miloradovic D, Miloradovic D, **Markovic BS**, Acovic A, Harrell CR, Djonov V, Arsenijevic N, Volarevic V. The Effects of Mesenchymal Stem Cells on Antimelanoma Immunity Depend on the Timing of Their Administration. *Stem Cells Int*. 2020;2020:8842659. **M22; IF=5.443 (2020)**
37. Harrell CR, Miloradovic D, Sadikot R, Fellabaum C, **Markovic BS**, Miloradovic D, Acovic A, Djonov V, Arsenijevic N, Volarevic V. Molecular and Cellular Mechanisms Responsible for Beneficial Effects of Mesenchymal Stem Cell-Derived Product "Exo-d-MAPPS" in Attenuation of Chronic Airway Inflammation. *Anal Cell Pathol (Amst)*. 2020;2020:3153891. **M23; IF=2.916 (2020)**
38. Zarić MM, Čanović PP, Stanojević-Pirković M, Knežević SM, Živković-Zarić RS, Popovska-Jovičić B, Hamzagić N, **Simović-Marković B**, Marković N, Rilak-Simović A. New gold pincer-type complexes induce caspase-dependent apoptosis in human cancer cells in vitro. *Vojnosanit Pregl* 2021;78(8):865-873. **M23; IF=0.245 (2021)**
39. Barjaktarevic A, Cirovic T, Arsenijevic N, Volarevic V, **Simovic Markovic B**, Mitic V, Stankov Jovanovic V and Cupara S. Antioxidant, antimicrobial and cytotoxic activities of *Salvia verticillata* L. extracts. *Indian J Pharm Sci*. 2021;83(6):1280-1287. **M23; IF=0.664 (2021)**
40. Milutinović MM, Čaković AZ, Čočić D, Rais E, Schoch R, **Simović Marković B**, Arsenijević N, Volarević V, Jovanović-Stević S, Bogojevski JV, René W. Unique enantiopure camphor-based neutral arene-ruthenium(II) complexes: DNA/BSA binding, kinetic and cytotoxic studies. *Journal of Coordination Chemistry*. 2022;75(11-14):1636-1655. **M23; IF=1.869 (2021)**
41. Koricanac A, Tomic Lucic A, Veselinovic M, Bazic Sretenovic D, Bucic G, Azanjac A, Radmanovic O, Matovic M, Stanojevic M, Jurisic Skevin A, **Simovic Markovic B**, Pantic J, Arsenijevic N, Radosavljevic GD, Nikolic M, Zornic N, Nestic J, Muric N, Radmanovic B. Influence of antipsychotics on metabolic syndrome risk in patients with schizophrenia. *Front Psychiatry*. 2022;13:925757. **M21; IF=5.435 (2021)**



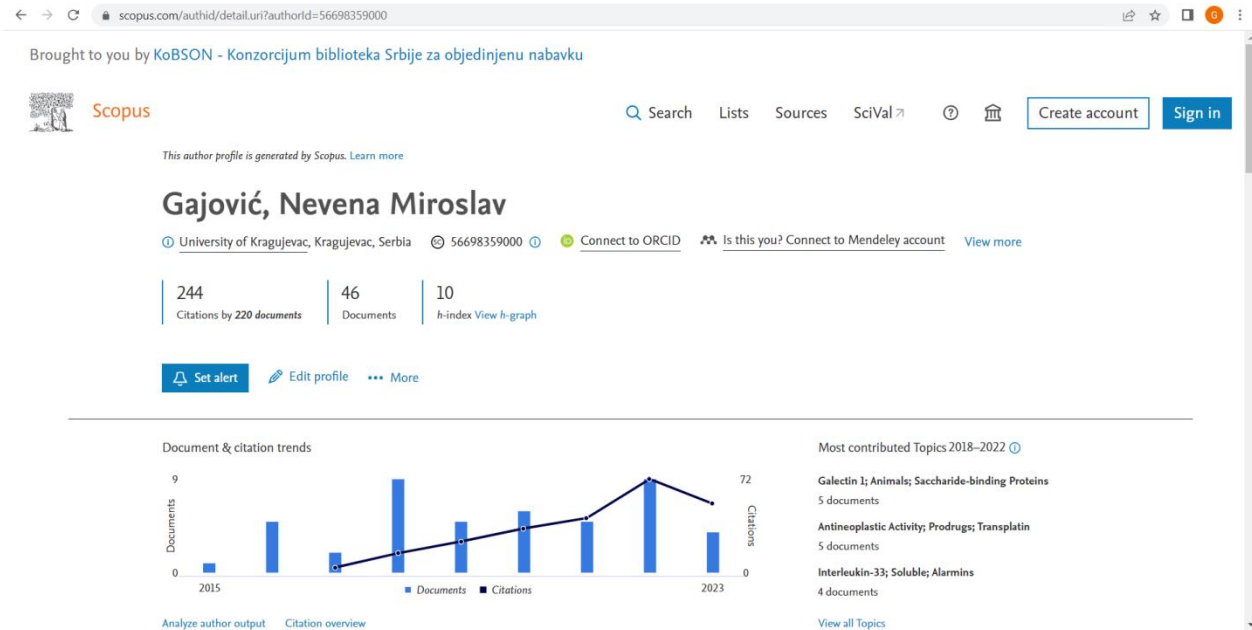
### Доц. др Невена Гајовић

- Vasovic M, **Gajovic N**, Brajkovic D, Jovanovic M, Zdravkovaic N, Kanjevac T. The relationship between the immune system and oral manifestations of inflammatory bowel disease: a review. *Cent Eur J Immunol.* 2016;41(3):302-310. **M23; IF=0.776 (2016)**
- Pantic JM, Jovanovic IP, Radosavljevic GD, **Gajovic NM**, Arsenijevic NN, Conlon JM, Lukic ML. The frog skin host-defense peptide frenatin 2.1S enhances recruitment, activation and tumoricidal capacity of NK cells. *Peptides* 2017; 93:44-50. **M22; IF= 2.851 (2017)**
- Lukic R, **Gajovic N**, Jovanovic I, Jurisevic M, Mijailovic Z, Maric V, Popovska Jovicic B, Arsenijevic N. Potential Hepatoprotective Role of Galectin-3 during HCV Infection in End-Stage Renal Disease Patients. *Disease Markers* 2017;2017:6275987. **M21; IF=2.949 (2017)**
- Acovic A, Simovic Markovic B, Gazdic M, Arsenijevic A, Jovicic N, **Gajovic N**, Jovanovic M, Zdravkovic N, Kanjevac T, Harrell CR, Fellabaum C, Dolicanin Z, Djonov V, Arsenijevic N, Lukic ML, Volarevic V. Indoleamine 2,3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. *Therap Adv Gastroenterol.* 2018;24;11:1756284818793558. **M21; IF=4.168 (2017)**
- Gajovic N**, Jurisevic M, Pantic J, Radosavljevic G, Arsenijevic N, Lukic ML, Jovanovic I. Attenuation of NK cells facilitates mammary tumor growth in streptozotocin-induced diabetes in mice. *Endocrine-related cancer* 2018; 25: 493-507. **M21 IF=4.774 (2018)**
- Jovanovic M, **Gajovic N**, Zdravkovic N, Jovanovic M, Jurisevic M, Vojvodic D, Maric V, Arsenijevic A, Jovanovic I. Fecal galectin-3: A new promising biomarker for severity and progression of colorectal carcinoma. *Mediators of Inflammation* 2018;2018:8031328. **M22; IF=3.545 (2018)**
- Borovcanin MM, Janicijevic SM, Jovanovic IP, **Gajovic N**, Arsenijevic NN, Lukic ML. IL-33/ST2 Pathway and Galectin-3 as a New Analytes in Pathogenesis and Cardiometabolic Risk Evaluation in Psychosis. *Front Psychiatry.* 2018;9:271. **M21; IF=3.161 (2018)**

8. Pavlovic M, **Gajovic N**, Jurisevic M, Mitrovic S, Radosavljevic G, Pantic J, Arsenijevic N, Jovanovic I. Diverse Expression of IL-32 in Diffuse and Intestinal Types of Gastric Cancer. *Gastroenterol Res Pract.* 2018; 2018:6578273. **M23; IF=1.825 (2018)**
9. Jovanovic M, Simovic Markovic B, **Gajovic N**, Jurisevic M, Djukic A, Jovanovic I, Arsenijevic N, Lukic A, Zdravkovic N. Metabolic syndrome attenuates ulcerative colitis: Correlation with interleukin-10 and galectin-3 expression. *World J Gastroenterol.* 2019;25(43):6465-6482. **M22; IF=3.665 (2019)**
10. Jovanovic M, **Gajovic N**, Jurisevic M, Simovic Markovic B, Maric V, Jovanovic M, Arsenijevic N, Zdravkovic N. Fecal sST2 correlates with disease severity of ulcerative colitis. *Vojnosanit Pregl.* 2019;76 (11):1153-1161. **M23; IF=0.152 (2019)**
11. Jovanovic M, **Gajovic N**, Zdravkovic N, Jovanovic M, Jurisevic M, Vojvodic D, Mirkovic D, Milev B, Maric V, Arsenijevic N. Fecal galectin-1 as a potential marker for colorectal cancer and disease severity. *Vojnosanit Pregl.* 2019;76(10):1037-1044. **M23; IF=0.152 (2019)**
12. Stojanovic B, Jovanovic I, Stojanovic BS, Stojanovic MD, **Gajovic N**, Radosavljevic G, Pantic J, Arsenijevic N, Lukic ML. Deletion of Galectin-3 attenuates acute pancreatitis in mice by affecting activation of innate inflammatory cells. *Eur J Immunol.* 2019;49(6):940-946. **M22; IF=4.404 (2019)**
13. Pavlovic M, Jurisevic M, **Gajovic N**, Mitrovic S, Jovanovic M, Radosavljevic G, Pantic J, Radovanovic D, Arsenijevic N, Jovanovic I. IL-32 expression associates with lymph vessel invasion in intestinal type of gastric cancer. *Vojnosanit Pregl.* 2020;77(8):816–825. **M23; IF=0.168 (2020)**
14. Jurisevic M, Jagic N, **Gajovic N**, Arsenijevic A, Jovanovic M, Milovanovic M, Pantic J, Jovanovic I, Sabo T, Radosavljevic G, Arsenijevic N. O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride enhances influx of effective NK and NKT cells in murine breast cancer. *Vojnosanit Pregl.* 2020; 77(7):715–723. **M23; IF=0.168 (2020)**
15. Lukic R, Cupic M, **Gajovic N**, Jurisevic M, Mijailovic Z, Davidovic B, Kujundzic B, Joksimovic B, Arsenijevic N, Jovanovic I. Increased systemic sST2 in patients with end stage renal disease contributes to milder liver damage during HCV infection. *J Infect Dev Ctries.* 2020;14(5):519-526. **M23; IF=0.968 (2020)**
16. Bošković M, Franich A, Rajković S, Jovanović M, Jurisević M, **Gajović N**, Jovanović M, Arsenijević N, Jovanović I and Živković M. Potential antitumor effect of newly synthesized dinuclear 1,5-naphthyridine-bridging palladium(II) complexes. *ChemistrySelect* 2020, 5: 10549-10555. **M23; IF=2.109 (2020)**
17. Borovcanin M, Minic Janicijevic S, Jovanovic I, **Gajovic N**, Jurisevic M and Arsenijevic N. Type 17 Immune Response Facilitates Progression of Inflammation and Correlates with Cognition in Stable Schizophrenia. *Diagnostics* 2020; 10:926. **M21; IF=3,706 (2020)**
18. Konovalov B, Franich A, Jovanović M, Jurisević M, **Gajović N**, Jovanović M, Arsenijević N, Maric V, Jovanović I, Živković M Rajković S. Synthesis, DNA/BSA-binding affinity and cytotoxicity of dinuclear platinum(II) complexes with 1,6-naphthyridine bridging ligand. *Appl Organomet Chem.* 2021; 35(3):e6112. **M21; IF= 4,072 (2021)**
19. Jovanovic MM, Jurisevic MM, **Gajovic NM**, Arsenijevic NN, Jovic MV, Jovanovic IP, Zdravkovic ND, Djukic AL, Maric VJ, Jovanovic MM. Increased Severity of Ulcerative Colitis in the Terminal Phase of the Metabolic Syndrome. *Tohoku J Exp Med.* 2021;254(3):171-182. **M22; IF=2.547 (2021)**
20. Petrovic Dj, Jovicic Milic S, Djukic M, Radojevic I, Jelic R, Jurisevic M, Radic G, **Gajovic N**, Arsenijevic N, Jovanovic I, Markovic N, Stojkovic D, Jevtic V. Synthesis, characterization, HSA/DNA binding, cytotoxicity study, and antimicrobial activity of new palladium(II) complexes with some esters of (S,S)-propylenediamine-N,N '-di-2-(3-methyl)butanoic acid. *Inorganica Chimica Acta.* 2021;528:120601. **M22; IF =3.118 (2021)**
21. Jovic M, **Gajovic N**, Jurisevic M, Jovanovic M, Zdravkovic N, Arsenijevic N, Vukovic Dejanovic V, Maric V, Milev B, Jovanovic M. Colorectal carcinoma: evaluation of systemic values of

- interleukin-1 and interleukin-33 in patients with and without thrombocytosis. *Vojnosanit Pregl.* 2021;78(6): 627-634. **M23; IF=0.245 (2021)**
22. Sekulic Markovic S, Jovanovic M, **Gajovic N**, Jurisevic M, Arsenijevic N, Jovanovic M, Jovanovic M, Mijailovic Z, Lukic S, Zornic N, Vukicevic V, Stojanovic J, Maric V, Jovic M, Jovanovic I. IL 33 Correlates With COVID-19 Severity, Radiographic and Clinical Finding. *Frontiers in Medicine.* 2021;8:749569. **M21; IF=5.091 (2020)**
  23. Jovanovic-Stevic S, Cocic D, Puchta R, Bogojeski J, Jurisevic M, **Gajovic N**, Jakovljevic S, Arsenijevic N, Jovanovic I, Petrovic B. Assessment of biological activity of the caffeine-derived Pt (II) and Pd (II) complexes. *Appl Organomet Chem.* 2022; 36(2):e6532. **M21; IF=4.072 (2021)**
  24. Savic G, Stevanovic I, Mihajlovic D, Jurisevic M, **Gajovic N**, Jovanovic I, Ninkovic M. MMP-9/BDNF ratio predicts more severe COVID-19 outcomes. *Int. J. Med. Sci.* 2022; 19(13): 1903-1911. **M22; IF=3.642 (2021)**
  25. MinicJanicijevic S, Jovanovic IP, **Gajovic NM**, Jurisevic MM, Debnath M, Arsenijevic NN, Borovcanin MM. Galectin-3 mediated risk of inflammation in stable schizophrenia, with only possible secondary consequences for cognition. *World J Psychiatry.* 2022;12(9):1183-1193. **M22; IF=3.5 (2021)**
  26. Jovicic Milic S, Jevtic V, Radisavljevic S, Petrovic B, Radojevic I, Rakovic I, Petrovic Dj, Stojkovic D, Jurisevic M, **Gajovic N**, Petrovic A, Arsenijevic N, Jovanovic I, Klirusric O, Vukovic N, Vukic M, Kacaniova M. Synthesis, characterization, DNA interactions and biological activity of new palladium(II) complexes with some derivatives of 2-aminothiazoles. *Journal of Inorganic Biochemistry* 2022;233:111857 **M21; IF=4.336 (2021)**
  27. Milosevic J, Jurisevic M, Grbovic V, Jovanovic I, **Gajovic N**, Jurisic-Skevin A. Potential Protective Role of Galectin-3 in Patients with Gonarthrosis and Diabetes Mellitus: A Cross-Sectional Study. *Int J Environ Res Public Health.* 2022;19(18):11480. **M21; IF=4.614 (2021)**
  28. Dimitrijevic Stojanovic M, Franich A, Jurisevic M, **Gajovic N**, Arsenijevic N, Jovanovic I, Stojanovic B, Mitrovic S, Kljun J, Rajkovic S, Zivkovic M. Platinum(II) complexes with malonic acids: Synthesis, characterization, *in vitro* and *in vivo* antitumor activity and interactions with biomolecules. *Journal of Inorganic Biochemistry* 2022;231:111773 **M21; IF=4.336 (2021)**
  29. Sekulic Markovic S, **Gajovic N**, Jurisevic M, Jovanovic M, Popovska Jovicic B, Arsenijevic N, Mijailovic Z, Jovanovic M, Dolicanin Z, Jovanovic I. Galectin-1 as the new player in staging and prognosis of COVID-19. *Sci Rep* 2022;12(1):1272. **M21; IF=4.996 (2021)**
  30. Jovanovic M, Geller D, **Gajovic N**, Jurisevic M, Arsenijevic N, Jovanovic M, Supic G, Vojvodic D, Jovanovic I. Dual blockage of PD-L/PD-1 and IL33/ST2 axes slows tumor growth and improves antitumor immunity by boosting NK cells. *Life Sciences* 2022;289:120214. **M21; IF=6.78 (2021)**
  31. Jovic M, Arsenijevic N, **Gajovic N**, Jurisevic M, Jovanovic I, Jovanovic M, Zdravkovic N, Maric V, Jovanovic M. Anemia of inflammation in patients with colorectal cancer: correlation with interleukin-1, interleukin-33 and galectin-1. *J Med Biochem.* 2022 ;41(1):79-90. **M23; IF=3.402 (2020)**
  32. Petrovic A, Jovanovic I, Jurisevic M, Jovanovic MZ, Jovanovic MM, Pavlovic S, Arsenijevic N, Supic G, Vojvodic D, Jovanovic MM, **Gajovic N**. Metformin promotes antitumor activity of NK cells via overexpression of miRNA-150 and miRNA-155. *Am J Transl Res* 2023;15(4):2727-2737. **M22; IF=3.940 (2021)**
  33. **Gajovic N**, Markovic SS, Jurisevic M, Jovanovic M, Arsenijevic N, Mijailovic Z, Jovanovic M, Jovanovic I. Galectin-3 as an important prognostic marker for COVID-19 severity. *Sci Rep* 2023;13(1):1460. **M21; IF=4.996 (2021)**
  34. Jovanovic M, Sekulic S, Jovic M, Jurisevic M, **Gajovic N**, Jovanovic M, Arsenijevic N, Jovanovic M, Mijailovic M, Milosavljevic M, Jovanovic I. Increased Pro Th1 And Th17 Transcriptional Activity In Patients With Severe COVID-19. *Int. J. Med. Sci.* 2023; 20(4): 530-541. **M22; IF=3.642 (2021)**

35. Divjak A, Jovanovic I, Matic A, TomicLucic A, **Gajovic N**, Jurisevic M, JurisicSkevin A, Veselinovic M. The influence of vitamin D supplementation on the expression of mediators of inflammation in knee osteoarthritis. *Immunologic Research* 2023;71(3):442-450. **M22; IF=4.505 (2021)**



### Доц. др Милена Јуришевић

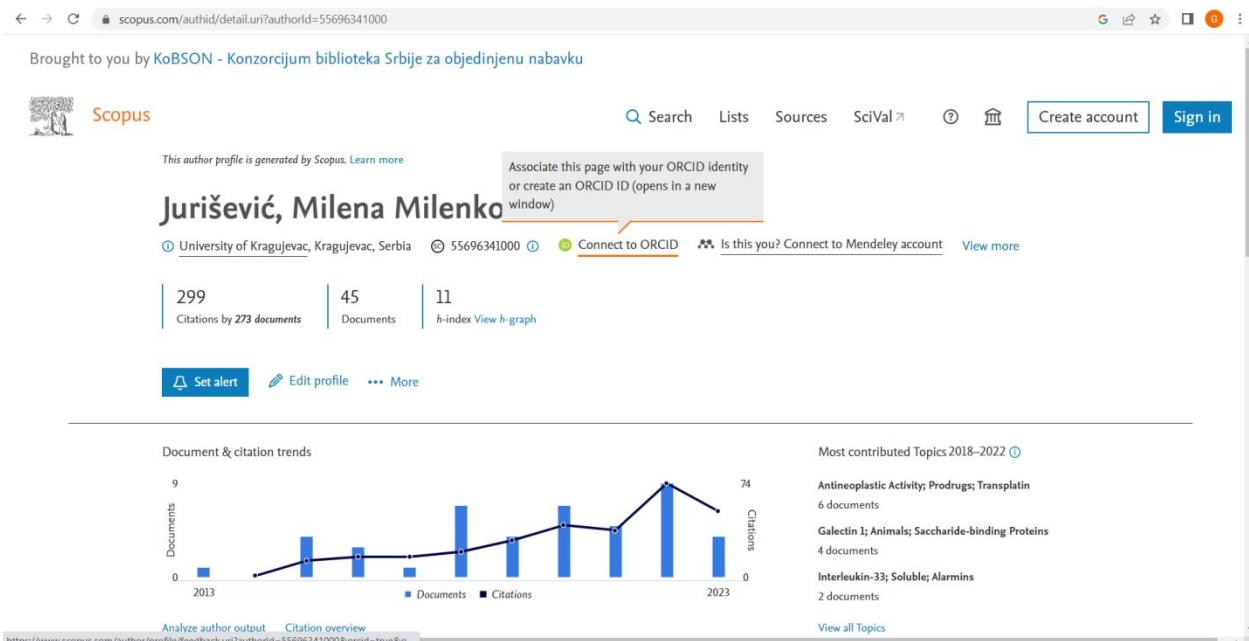
1. Boskovic M, Djokovic J, Grubor I, Guzvic V, Jakovljevic B, **Jurisevic M**, Ljubisic D, Mijajlovic M, Milicevic I, Milovanovic M, Nikolic L, Nikolic M, Peric S, Petrovic A, Petrovic J, Radonjic K, Simonovic L, Simovic M, Stojanovic S, Stojic I, Tomovic J, Vranic S, Vucicevic K, Zdravkovic A, Jankovic S. PhD Students' Awareness of Research Misconduct. *J Empir Res Hum Res Ethics* 2013;8(2):163-164. **M21; IF=1,217 (2013)**
2. Kovacevic A, Dragojevic-Simic V, Rancic N, **Jurisevic M**, Gutzwiller F, Matter-Walstra K, Jakovljevic M, End-of-life costs of medical care for advanced stage cancer patients. *Vojnosanit Pregl* 2015;72(4):334-341. **M23; IF=0,355 (2015)**
3. Jakovljevic M, Lazarevic M, **Jurisevic M**, Jovanovic MR. When cure becomes an illness-abuse of addictive prescription medicines. *Front Pharmacol* 2015;6:193. **M21; IF=4,418 (2015)**
4. Jakovljevic MB, Djordjevic N, **Jurisevic M**, Jankovic S. Evolution of the Serbian pharmaceutical market alongside socioeconomic transition. *Expert Rev Pharmacoecon Outcomes Res* 2015;15(3):521-530. **M22; IF=1,631 (2015)**
5. Projovic I, Vukadinovic D, Milovanovic O, **Jurisevic M**, Pavlovic R, Jacovic S, Jankovic S, Stefanovic S. Risk factors for potentially inappropriate prescribing to older patients in primary care. *Eur J Clin Pharmacol* 2016;72(1):93-107. **M22; IF=2,902 (2016)**

6. Lukic R, Gajovic N, Jovanovic I, **Jurisevic M**, Mijailovic Z, Maric V, Popovska Jovicic B, Arsenijevec N. Potential Hepatoprotective Role of Galectin-3 during HCV Infection in End-Stage Renal Disease Patients. *Dis Markers* 2017;2017:6275987. **M21; IF=2,949 (2017)**
7. Besser Silconi Z, Benazic S, Milovanovic J, **Jurisevic M**, Djordjevic D, Nikolic M, Mijajlovic M, Ratkovic Z, Radic G, Radisavljevic S, Petrovic B, Radosavljevic G, Milovanovic M, Arsenijevec N. DNA binding and antitumor activities of platinum(IV) and zinc(II) complexes with some S-alkyl derivatives of thiosalicylic acid. *Transit Met Chem* 2018;43(8):719-729. **M23; IF=1,016 (2018)**
8. **Jurisevic M**, Arsenijevec A, Pantic J, Gajovic N, Milovanovic J, Milovanovic M, Poljarevic J, Sabo T, Vojvodic D, Radosavljevic G, Arsenijevec N. The organic ester O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride attenuates murine breast cancer growth and metastasis. *Oncotarget* 2018;9(46):28195-28212. **M21; IF=5,168 (2016)**
9. Jovanovic M, Gajovic N, Zdravkovic N, Jovanovic M, **Jurisevic M**, Vojvodic D, Maric V, Arsenijevec A, Jovanovic I. Fecal Galectin-3: A New Promising Biomarker for Severity and Progression of Colorectal Carcinoma. *Mediators Inflamm* 2018;2018:8031328. **M21; IF= 4,184 (2018)**
10. Gajovic N, **Jurisevic M**, Pantic J, Radosavljevic G, Arsenijevec N, Lukic ML, Jovanovic I. Attenuation of NK cells facilitates mammary tumor growth in streptozotocin-induced diabetes in mice. *Endocr Relat Cancer* 2018;25(4):493-507. **M21; IF=5,299 (2018)**
11. Pavlovic M, Gajovic N, **Jurisevic M**, Mitrovic S, Radosavljevic G, Pantic J, Arsenijevec N, Jovanovic I. Diverse Expression of IL-32 in Diffuse and Intestinal Types of Gastric Cancer. *Gastroenterol Res Pract* 2018;2018:6578273. **M23; IF=1,825 (2018)**
12. Jovanovic M, Simovic Markovic B, Gajovic N, **Jurisevic M**, Djukic A, Jovanovic I, Arsenijevec N, Lukic A, Zdravkovic N. Metabolic syndrome attenuates ulcerative colitis: Correlation with interleukin-10 and galectin-3 expression. *World J Gastroenterol* 2019;25(43):6465-6482. **M21; IF= 4,048 (2019)**
13. Jovanovic M, Gajovic N, Zdravkovic N, Jovanovic M, **Jurisevic M**, Vojvodic D, Mirkovic D, Milev B, Maric V, Arsenijevec N. Fecal galectin-1 as a potential marker for colorectal cancer and disease severity. *Vojnosanit Pregl* 2019;76(10):1037-1044. **M23; IF=0,152 (2019)**
14. Jovanovic M, Gajovic N, **Jurisevic M**, Simovic Markovic B, Maric V, Jovanovic M, Arsenijevec N, Zdravkovic N. Fecal sST2 correlates with disease severity of ulcerative colitis. *Vojnosanit Pregl* 2019;76(11):1153-1161. **M23; IF=0,152 (2019)**
15. **Jurisevic M**, Jagic N, Gajovic N, Arsenijevec A, Jovanovic M, Milovanovic M, Pantic J, Jovanovic I, Sabo T, Radosavljevic G, Arsenijevec N. O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride enhances influx of effective NK and NKT cells in murine breast cancer. *Vojnosanit pregl* 2020;77:715-723. **M23; IF=0,378 (2020)**
16. Benazic S, Silconi ZB, Jevtovic A, **Jurisevic M**, Milovanovic J, Mijajlovic M, Nikolic M, Kanjevac T, Potočňák I, Samol'ová E, Ratkovic ZR, Radic G, Milovanovic M, Pantic J, Arsenijevec N, Radosavljevic GD. The Zn(S-pr-thiosal)2 complex attenuates murine breast cancer growth by inducing apoptosis and G1/S cell cycle arrest. *Future Med Chem* 2020;12(10):897-914. **M22; IF=3,808 (2020)**
17. Pavlovic M, **Jurisevic M**, Gajovic N, Mitrovic S, Jovanovic M, Radosavljevic G, Pantic J, Radovanovic D, Arsenijevec N, Jovanovic I. IL-32 expression associates with lymph vessel invasion in intestinal type of gastric cancer. *Vojnosanit pregl* 2020;77:816-825. **M23; IF=0,378 (2020)**
18. Lukic R, Cupic M, Gajovic N, **Jurisevic M**, Mijailovic Z, Davidovic B, Kujundzic B, Joksimovic B, Arsenijevec N, Jovanovic I. Increased systemic sST2 in patients with end stage renal disease contributes to milder liver damage during HCV infection. *J Infect Dev Countr* 2020;14(5):519-526. **M23; IF=0,968 (2020)**
19. Bošković M, Franich A, Rajković S, Jovanović M, **Jurisević M**, Gajović N, Jovanović M, Arsenijević N, Jovanović I and Živković M. Potential antitumor effect of newly synthesized dinuclear 1,5-naphthyridine-bridging palladium(II) complexes. *Chemistry Select* 2020;5:10549-10555. **M23; IF=2,109 (2020)**

20. Borovcanin M, Minic Janicijevic S, Jovanovic I, Gajovic N, **Jurisevic M** and Arsenijevic N. Type 17 Immune Response Facilitates Progression of Inflammation and Correlates with Cognition in Stable Schizophrenia. *Diagnosics* 2020;10(11):926. **M21; IF=3,706 (2020)**
21. Konovalov B, Franich A, Jovanović M, **Jurisević M**, Gajović N, Jovanović M, Arsenijević N, Maric V, Jovanović I, Živković M Rajković S. Synthesis, DNA/BSA-binding affinity and cytotoxicity of dinuclear platinum(II) complexes with 1,6-naphthyridine bridging ligand. *Appl Organomet Chem* 2021; 35(3): e6112 **M21; IF=4,105 (2020)**
22. Jocic M, Gajovic N, **Jurisevic M**, Jovanovic M, Zdravkovic N, Arsenijevic N, Vukovic Dejanovic V, Maric V, Milev B, Jovanovic M. Colorectal carcinoma: evaluation of systemic values of interleukin-1 and interleukin-33 in patients with and without thrombocytosis. *Vojnosanit pregl* 2021;78(6):627-634. **M23; IF=0,358 (2021)**
23. Jovanovic M, **Jurisevic M**, Gajovic N, Arsenijevic N, Jocic M, Jovanovic I, Zdravkovic N, Djukic A, Maric V and Jovanovic M. Increased Severity of Ulcerative Colitis in the Terminal Phase of the Metabolic Syndrome. *Tohoku J Exp Med* 2021;254:171-182. **M22; IF=2.547 (2021)**
24. Petrovic Dj, Jovicic Milic S, Djukic M, Radojevic I, Jelic R, **Jurisevic M**, Radic G, Gajovic N, Arsenijevic N, Jovanovic I, Markovic N, Stojkovic D, Jevtic V. Synthesis, characterization, HSA/DNA binding, cytotoxicity study, and antimicrobial activity of new palladium(II) complexes with some esters of (S,S)-propylenediamine-N,N'-di-2-(3-methyl)butanoic acid. *Inorganica Chimica Acta* 2021;528:120601. **M22; IF=3,118 (2021)**
25. Sekulic Markovic S, Jovanovic M, Gajovic N, **Jurisevic M**, Arsenijevic N, Jovanovic M, Jovanovic M, Mijailovic Z, Lukic S, Zornic N, Vukicevic V, Stojanovic J, Maric V, Jocic M and Jovanovic I. IL 33 Correlates With COVID-19 Severity, Radiographic and Clinical Finding. *Frontiers in Medicine* 2021;8:749569. **M21; IF=5,058 (2021)**
26. Jovanovic Stevic S, Cocic D, Puchta R, Bogojeski J, **Jurisevic M**, Gajovic N, Jakovljevic S, Arsenijevic N, Jovanovic I and Petrovic B. Assessment of biological activity of the caffeine-derived Pt(II) and Pd(II) complexes. *Applied Organometallic Chemistry* 2021; e6532. **M21; IF=4,072 (2021)**
27. Jocic M, Arsenijevic N, Gajovic N, **Jurisevic M**, Jovanovic I, Jovanovic M, Zdravkovic N, Maric V, Jovanovic M. Anemia of inflammation in patients with colorectal cancer: correlation with interleukin-1, interleukin-33 and galectin-1. *J Med Biochem* 2022;40:1-12. **M23; IF=2,162 (2021)**
28. Jovanovic M, Geller D, Gajovic N, **Jurisevic M**, Arsenijevic N, Jovanovic M, Supic G, Vojvodic D, Jovanovic I. Dual blockage of PD-L/PD-1 and IL33/ST2 axes slows tumor growth and improves antitumor immunity by boosting NK cells. *Life Sciences* 2022;289:120214. **M21; IF=6,780 (2021)**
29. Jovanovic M, Gajovic N, **Jurisevic M**, Sekulic S, Arsenijevic N, Jocic M, Jovanovic M, Lukic R, Jovanovic I, Radovanovic D. Anti PD1 therapy activates tumoricidal properties of NKT cells and contributes to overall deceleration of tumor progression in a model of murine mammary carcinoma. *Vojnosanit Pregl* 2022; 79(8) 764-773. **M23; IF=0,245 (2021)**
30. Sekulic Markovic S, Gajovic N, **Jurisevic M**, Jovanovic M, Popovska Jovicic B, Arsenijevic N, Mijailovic Z, Jovanovic M, Dolicanin Z, Jovanovic I. Galectin-1 as the new player in staging and prognosis of COVID-19. *Scientific Reports* 2022;12(1):1272. **M21; IF=4,996 (2021)**
31. Dimitrijevic Stojanovic M, Franich A, **Jurisevic M**, Gajovic N, Arsenijevic N, Jovanovic I, Stojanovic B, Mitrovic S, Kljun J, Rajkovic S, Zivkovic M. Platinum(II) complexes with malonic acids: Synthesis, characterization, in vitro and in vivo antitumor activity and interactions with biomolecules. *Journal of Inorganic Biochemistry* 2022;231:111773. **M21; IF=4,336 (2021)**
32. Jovicic Milic S, Jevtic V, Radisavljevic S, Petrovic B, Radojevic I, Rakovic I, Petrovic Dj, Stojkovic D, **Jurisevic M**, Gajovic N, Petrovic A, Arsenijevic N, Jovanovic I, Klirusric O, Vukovic N, Vukic M, Kacaniovaa M. Synthesis, characterization, DNA interactions and biological activity of new palladium(II) complexes with some derivatives of 2-aminothiazoles. *Journal of Inorganic Biochemistry* 2022;233:111857. **M21; IF=4,336 (2021)**



33. Milosevic J, **Jurisevic M**, Grbovic V, Jovanovic I, Gajovic N, Jurisic-Skevin A. Potential Protective Role of Galectin-3 in Patients with Gonarthrosis and Diabetes Mellitus: A Cross-Sectional Study. *Int J Environ Res Public Health* 2022;19(18):11480. **M21; IF=4,614 (2021)**
34. Minic Janicijevec S, Jovanovic IP, Gajovic NM, **Jurisevic MM**, Debnath M, Arsenijevec NN, Borovcanin MM. Galectin-3 mediated risk of inflammation in stable schizophrenia, with only possible secondary consequences for cognition. *World J Psychiatry* 2022;12(9):1183-1193. **M21; IF=7,380 (2021)**
35. Savic G, Stevanovic I, Mihajlovic D, **Jurisevic M**, Gajovic N, Jovanovic I, Ninkovic M. MMP-9/BDNF ratio predicts more severe COVID-19 outcomes. *Int J Med Sci* 2022;19(13):1903-1911. **M22; IF=3,642 (2021)**
36. Divjak A, Jovanovic I, Matic A, Tomic Lucic A, Gajovic N, **Jurisevic M**, Jurisic Skevin A, Veselinovic M. The influence of vitamin D supplementation on the expression of mediators of infammation in knee osteoarthritis. *Immunologic Research* 2023;71(3):442-450. **M22; IF=4,505 (2021)**
37. Jovanovic M, Sekulic S, Jovic M, **Jurisevic M**, Gajovic N, Jovanovic M, Arsenijevec N, Jovanovic M, Mijailovic M, Milosavljevic M, Jovanovic I. Increased Pro Th1 And Th17 Transcriptional Activity In Patients With Severe COVID-19. *Int J Med Sci* 2023;20(4):530-541. **M22; IF=3,642 (2021)**
38. Gajovic N, Markovic SS, **Jurisevic M**, Jovanovic M, Arsenijevec N, Mijailovic Z, Jovanovic M, Jovanovic I. Galectin-3 as an important prognostic marker for COVID-19 severity. *Sci Rep* 2023;13:1460. **M21; IF=4,996 (2021)**
39. Petrovic A, Jovanovic I, **Jurisevic M**, Jovanovic MZ, Jovanovic MM, Pavlovic S, Arsenijevec N, Supic G, Vojvodic D, Jovanovic MM, Gajovic N. Metformin promotes antitumor activity of NK cells via overexpression of miRNA-150 and miRNA-155. *Am J Transl Res* 2023;15(4):2727-2737. **M22; IF=3,940 (2021)**
40. Petrović ĐS, Jovičić Milić SS, Đukić MB, Radojević ID, **Jurišević MM**, Gajović NM, Petrović A, Arsenijević NN, Jovanović IP, Avdović E, Stojković DL, Jevtić VV. Synthesis, characterization, HSA binding, molecular docking, cytotoxicity study, and antimicrobial activity of new palladium(II) complexes with propylenediamine derivatives of phenylalanine. *J Inorg Biochem.* 2023;246:112283. **M21; IF=4,336 (2021)**



## Доц. др Данијела Цветковић

1. Marković S, Žižić J, Djačić D, Obradović A, Ćurčić M, **Cvetković D**, Đorđević N, Ognjanović B, Štajn Š. Alteration of oxidative stress parameters in red blood cells of rats after chronic in vivo treatment with cisplatin and selenium. *Archives of Biological Sciences* 2011; 63(4): 991-999. **M23; IF=0,360 (2011)**
2. Marković S, Đačić D, **Cvetković D**, Obradović A, Žižić J, Ognjanović B, Štajn A. Effects of acute in vivo cisplatin and selenium treatment on hematological and oxidative stress parameters in red blood cells of rats. *Biol Trace Elem Res* 2011;142(3):660-70. **M23; IF= 1,307 (2012)**
3. Stolic R, Mijailovic M, Cvetkovic A, Stanojevic M, Stolic D, **Cvetković D**. Distal ischemia induced by vascular access for hemodialysis - a case report. *Hippokratia* 2012; 16(4): 375-377. **M23; IF=0,589 (2012)**
4. Ninkovic S, Ninkovic V, Cvetkovic A, **Cvetković D**, Nedovic J, Milosevic B. Multifocal and multicentric breast cancer: is breast conserving surgery acceptable? *J BUON* 2012; 17:38-45. **M23; IF=0,761 (2012)**
5. Ćurčić M, Stanković M, Mrkalić E, Matović Z, Banković D, **Cvetković D**, Đačić D, Marković S. Antiproliferative and proapoptotic activities of methanolic extracts from *Ligustrum vulgare* L. as an individual treatment and in combination with palladium complex. *Int J Mol Sci* 2012;13(2):2521-2534. **M22; IF= 2,732 (2012)**
6. Kosaric J, Zivanovic M, **Cvetković D**, Curcic M, Seklic D, Bugarcic Z, Marković S. Antioxidative and antiproliferative evaluation of 2-(phenylselenomethyl) tetrahydrofuran and 2(phenylselenomethyl)tetrahydropyran. *J BUON* 2014; 19(1): 283-290. **M23; IF=0,741 (2014).**

7. Ćurčić M, Stanković M, **Cvetković D**, Topuzović M, Marković S. Ligustrum vulgare l.: in vitro free radical scavenging activity and prooxidant properties in human colon cancer cell lines. *Dig J Nanomater Bios* 2014; 9(4): 1689-1697. **M23; IF=1,236 (2014)**
8. Filipovic N, Djukic T, Radovic M, **Cvetkovic D**, Curcic M, Markovic S, Peulic A, Jeremic B. Electromagnetic field investigation on different cancer cell lines. *Cancer Cell International* 2014; 14: 84. **M22; IF= 2,766 (2014)**
9. Milutinovic M, Stanković M, **Cvetković D**, Maksimović V, Šmit B, Pavlović R, Marković S. The molecular mechanisms of apoptosis induced by Allium flavum L. and synergistic effects with new-synthesized Pd(II) complex on colon cancer cells. *J Food Biochem* 2015; 39(3) 238-250. **M23; IF=0,832 (2015)**
10. Milutinović M, Stanković M, **Cvetković D**, Šeklić D, Topuzović M, Mihailović V, Marković S. Antioxidant and Anticancer Properties of Leaves and Seed Cones from European Yew (Taxus baccata L.) *Archives of Biological Sciences* 2015; 67(2) 525-534. **M23; IF= 0,503 (2015)**
11. Cvetkovic A, **Cvetkovic D**, Stojic V, Zdravkovic N. Length of hospital stay and bed occupancy rates in former Yugoslav Republics 1989 – 2015. *Front Pharmacol* 2016; 7:417. **M21; IF= 4,275 (2016)**
12. **Cvetković D**, Živanović M, Milutinović M, Djukić T, Radović M, Cvetković A, Filipović N, Zdravković N. Real-time monitoring of cytotoxic effects of electroporation on breast and colon cancer cell lines. *Bioelectrochemistry* 2017; 113:85-94. **M21; IF= 3,789 (2017)**
13. Milutinović M, Maksimović V, **Cvetković D**, Nikodijević D, Stanković M, Pešić M, Marković S. Potential of Teucrium chamaedrys L. to modulate apoptosis and biotransformation in colorectal carcinoma cells. *J Ethnopharmacol* 2019; 240:111951. **M21; IF= 3,690 (2019)**
14. **Cvetković D**, Jovankić J, Milutinović M, Nikodijević D, Grbović F, Ćirić A, Topuzović M, Marković S. The Anti-Invasive Activity of Robinia Pseudoacacia L. and Amorpha Fruticosa L. on breast cancer MDA-MB-231 cell line. *Biologia* 2019; 74, 915–928. **M23; IF=0,811(2019)**
15. **Cvetković D**, Milosevic B, Cvetkovic A, Ninkovic S, Jovankić J, Jovanovic D, Marković S. The concentration of matrix metalloproteinase 9 in the tumor and peritumoral tissue as prognostic marker in breast cancer patients. *Vojnosanit Pregl* 2019; 76(5) 476-484. **M23; IF= 0,383 (2019)**
16. Nikodijević D, Milutinović M, **Cvetković D**, Ćupurdija M, Jovanović M, Mrkić I, Jankulović-Gavrović M, Marković S. Impact of bee venom and melittin on apoptosis and biotransformation in colorectal carcinoma cell lines. *Toxin Reviews* 2021;40:1272-1279 **M22;IF= 3,236 (2021)**
17. Šušteršič T, Blagojević A, **Cvetković D**, Cvetković A, Lorencin I, Šegota SB, Milovanović D, Baskić D, Čar Z, Filipović N. Epidemiological Predictive Modeling of COVID-19 Infection: Development, Testing, and Implementation on the Population of the Benelux Union. *Front Public Health* 2021; 9:727274 **M21; IF=6,461 (2021)**
18. Nikodijević D, Jovankić J, **Cvetković D**, Anđelković M, Nikezić A, Milutinović M. L-amino acid oxidase from snake venom: Biotransformation and induction of apoptosis in human colon cancer cells. *Eur J Pharmacol* 2021;910:174466 **M21; IF= 5,195 (2021)**
19. Milosevic B, Cvetkovic A, Ninkovic S, Markovic S, Mitrovic S, Stojanovic B, Radunovic A, Vulovic M and **Cvetkovic D**. Mammaglobin expression in tissue as a predictor of breast carcinoma aggressiveness. *Vojnosanit Pregl* 2021; 78(2): 160–170. **M23; IF=0,245 (2021)**
20. Jovankić J, **Cvetković D**, Milutinović M, Nikodijević D, Nikezić A, Grbović F, Vuković N, Vukić M, Jakovljević D, Marković S. The impact of medicinal plant Ocimum minimum L. on fatty acid synthesis process in breast cancer cells. *Biologia* 2022; 77:489–501. **M23; IF= 1,653 (2021)**

21. Jovankić J, Nikodijević D, Milutinović M, Nikezić A, Kojić V, Cvetković A, **Cvetković D**. Potential of Orlistat to induce apoptotic and antiangiogenic effects as well as inhibition of fatty acid synthesis in breast cancer cells. *Eur J Pharmacol* 2023;939:175456. **M21**; **IF= 5,195 (2021)**

