

Jovana V. Jovankić

Univerzitet u Kragujevcu
Prirodno-matematički fakultet
Institut za biologiju i ekologiju
Radoja Domanovića 12
Kragujevac, Srbija
+381605151446
jovana.jovankic@pmf.kg.ac.rs



OBRAZOVANJE

Osnovne akademske studije biologije – Prirodno-matematički fakultet, Univerzitet u Kragujevcu

Master akademske studije – Molekularna biologija – Prirodno-matematički fakultet, Univerzitet u Kragujevcu

Doktorske akademske studije biologije – Prirodno-matematički fakultet, Univerzitet u Kragujevcu

AKADEMSKA ZVANJA

Istraživač-pripravnik – Prirodno-matematički fakultet, Univerzitet u Kragujevcu, 2018-2021

Istraživač-saradnik – Prirodno-matematički fakultet, Univerzitet u Kragujevcu, 2021- i dalje

NAUČNA OBLAST ISTRAŽIVANJA

Molekularna biologija i fiziologija

NAUČNA OBLAST INTERESOVANJA

Lipidni metabolizam, Nutrigenomika, Prenamena lekova, Tumor markeri

NAUČNE PUBLIKACIJE

Marković SM, Živančev D, Horvat D, Torbica A, **Jovankić JV**, Djukić NH. Correlation of elongation factor 1A accumulation with photosynthetic pigment content and yield in winter wheat varieties under heat stress conditions. *Plant Physiology and Biochemistry*. 2021; 166:572-581.

Serezlić MK, Hasić R, Ašanin D, Šmit B, Matić SL, Serafinović MĆ, Nikodijević D, **Jovankić J**, Grgurić-Šipka S, Soldatović TV. Heterometallic bridged Pt(II)-Zn(II) complexes: Influence of the substituent in 4'-position in inert terpy ligand on antigenotoxicity, potential antitumor activity and mechanism of interactions of the complexes with biomolecules. *Applied Organometallic Chemistry*. 2024; 38(4), e7413.

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Jovankić JV, Cvetković DM, Milutinović MG, Nikodijević DD, Nikezić AG, Grbović FJ, Vuković NL, Vukić MD, Jakovljević DV, Marković SD. The impact of medicinal plant *Ocimum minimum* L. on fatty acid synthesis process in breast cancer cells. *Biologia*. 2021. M23 ISSN: 0006-3088. IF2020: 1.350

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Cvetkovic MD, Cvetkovic MA, Milošević ZM, Ninković MS, Milutinović GM, Nikodijević DD, **Jovankić VJ** and Marković DS. The role of molecular mechanisms of neoangiogenesis as tumor markers in the treatment individualization of breast cancer patients. 3rd Congress of the Serbian Association for Cancer Research with international participation "Challenges in anticancer research: translation of knowledge to improve diagnosis and treatment". Belgrade, 6-7th October 2017. page 49-50.

Šeklić D, Glodović V, Stanković M, Jovanović M, **Jovankić J**, Marković S. The effects of newly synthesized platinum (IV) complex and Phellinus linteus extract in co-treatment on the migratory potential and redox status of colon cancer cell lines. Fourth Congress Serbian Society for Mitochondrial and Free Radical Physiology „Challenges in redox biology“ Beograd, 2018, pp. 98. ISBN: 978-86-912893-4-8 (SSMFRP).

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Milutinović M, Nikodijević D, Cvetković D, **Jovankić J**, Stanković M, Marković S. Proapoptotic activity of Gentiana punctata L. on colorectal cancer cells. 9th Conference of Serbian Biochemical Society “Diversity of Biochemistry”, Belgrade, Serbia. November 14-16. 2019, pp. 135. ISBN: 978-86-7220-101-7 (FOC)

Blagojević S, Planojević N, Nikezić A, Milutinović M, **Jovankić J**, Arsenijević D, Radisavljević S, Međedović M, Petrović B, Arsenijević P, Jović N, Mujković S, Marković S. Impact of gold(III) and ruthenium(II) complexes on miRNA expression involved in metastasis on primary ovarian cell culture isolated from ascites. 10th Conference of Serbian Biochemical Society “Biochemical Insights into Molecular Mechanisms”, Kragujevac, Serbia. September 24. 2021, pp. 52. ISBN 978-86-7220-108-6 (FOC)

Jovankić JV, Nikodijević DD, Milutinović MG, Nikezić AG, Planojević NP, Blagojević SZ, Cvetković DM. Anti-obesity drug Orlistat (Xenical®) induces antiangiogenic potential in breast cancer cell lines. The 5th Congress of the Serbian Association for Cancer Research with international participation „Translational potential of cancer research in Serbia“, Virtual event, December 3, 2021., pp. 53. M34; ISBN: 987-86-919183-3-0

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Blagojević S, **Jovankić J**, Andrić B, Nikodijević D, Milojević S, Arsenijević P, Milutinović M, Cvetković D. Dysregulation in expression of miRNA machinery genes DICER1 and AGO2 in endometrial adenocarcinoma. Serbian Biochemical Society XIII Conference "Amplifying Biochemistry Concepts". September 19-20, 2024, Kragujevac, Serbia; pp. 123. ISBN: 978-86-7220-141-3 (FOC).

Radenković N, Nikodijević D, **Jovankić J**, Blagojević S, Milutinović M. Isorhamnetin activates apoptotic signaling pathways in colon cancer cells. Serbian Biochemical Society XIII Conference "Amplifying Biochemistry Concepts". September 19-20, 2024, Kragujevac, Serbia; pp. 112. ISBN: 978-86-7220-141-3 (FOC).

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Conference "Conference on Advances in Science and Technology" COAST 2024. May 29-June 01, 2024, Herceg Novi, Montenegro; pp. 76. ISBN: 978-9940-611-07-1.

Radenković N, Milutinović M, Nikodijević D, **Jovankić J**, Blagojević S, Jurišić V, Predojević D, Vukajlović F, Pešić S. Silk of Indian meal moth induces apoptosis of SW-480 colorectal cancer cells. Serbian Biochemical Society Twelfth Conference "Biochemistry in Biotechnology". September 21-23, 2023, Belgrade, Serbia; pp. 135. ISBN: 978-86-7220-140-6 (FOC).

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Nikodijević DD, **Jovankić JV**, Radenković NM, Cvetković DM, Milutinović MG. Uticaj otrova pčele na redoks ravnotežu u ćelijskim linijama karcinoma debelog creva. Treći Kongres biologa Srbije, 21-25.9.2022., str. 300, Zlatibor, Srbija. M64; ISBN: 978-86-81413-09-8

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Radenković N, Nikodijević D, **Jovankić J**, Blagojević S, Nikezić A, Milutinović M. Impact of isorhamnetin on 5-fluorouracil resistant colon cancer cells. 1st Deep Tech Open Science Day Conference. April 05, 2024, Kragujevac, Serbia; pp. 14. ISBN: 978-86-6335-113-4.

Blagojević S, **Jovankić J**, Andrić B, Milutinović M, Nikodijević D, Milojević S, Radenković N, Arsenijević P, Cvetković D. MIR200A and MIR210 as potential markers in detection of endometrial adenocarcinomas. CoMBoS2 - 2nd Congress of Molecular Biologists of Serbia. October 06-08, 2023, Belgrade, Serbia; pp. 54. ISBN: 978-86-7078-173-3

Radenković N, Nikodijević D, **Jovankić J**, Blagojević S, Milutinović M. Isorhamnetin - Antitumor potential and impact on drug resistance in colorectal carcinoma cell lines. CoMBoS2 - 2nd Congress of Molecular Biologists of Serbia. October 06-08, 2023, Belgrade, Serbia; pp. 145. ISBN: 978-86-7078-173-3.

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Jovankić JV, Nikodijević DD, Milutinović MG, Nikezić AG, Planojević NP, Blagojević SZ, Cvetković DM. Anti-obesity drug Orlistat (Xenical®) induces antiangiogenic potential in breast cancer cell lines. The 5th Congress of the Serbian Association for Cancer Research with international participation "Translational potential of cancer research in Serbia". December 03, 2021, Virtual event, Belgrade, Serbia; pp. 53. ISBN: 987-86-919183-3-0.

Nikodijević D, **Jovankić J**, Cvetković D, Nikezić A, Blagojević S, Planojević N, Milutinović M. Bee venom and melittin induce apoptosis in colon cancer cell lines by Caspase 8 activation. The 5th Congress of the Serbian Association for Cancer Research with international participation "Translational potential of cancer research in Serbia". December 03, 2021, Virtual event, Belgrade, Serbia; pp. 75. ISBN: 987-86-919183-3-0.

Blagojević S, Planojević N, Nikezić A, Milutinović M, **Jovankić J**, Arsenijević D, Radisavljević S, Međedović M, Petrović B, Arsenijević P, Jović N, Mujković S, Marković S. Impact of gold(III) and ruthenium(II) complexes on miRNA expression involved in metastasis on primary ovarian cell culture isolated from ascites. 10th Conference of Serbian Biochemical Society "Biochemical Insights into Molecular Mechanisms". September 24, 2021, Kragujevac, Serbia; pp. 52. ISBN: 978-86-7220-108-6 (FOC).

Nikezić A, **Jovankić J**, Nikodijević D, Milutinović M, Blagojević S, Planojević N, Grbović F, Marković S. Anticancer potential of *Alchemilla vulgaris* L. on triple negative breast cancer cell lines. 10th Conference of Serbian Biochemical Society "Biochemical Insights into Molecular Mechanisms", Kragujevac, Serbia. September 24. 2021, pp. 110. ISBN 978-86-7220-108-6 (FOC)

Planojević N, Blagojević S, Nikezić A, Milutinović M, **Jovankić J**, Radenković N, Radisavljević S, Međedović M, Petrović B, Arsenijević P, Jović N, Mujković S, Marković S. The influence of newly synthesized Au(III) and Ru(II) complexes on gene expression on primary ovarian cancer cell culture from ascites. 10th Conference of Serbian Biochemical Society "Biochemical Insights into Molecular Mechanisms", Kragujevac, Serbia. September 24. 2021, pp.128. ISBN 978-86-7220-108-6 (FOC)

Nikezić A, Blagojević S, Planojević N, Čupurdija M, **Jovankić J**, Cvetković D, Veličković T, Simić V, Marković S. Comparative analysis of DNA extraction methods from human buccal swabs and fish tissue samples. 9th Conference of Serbian Biochemical Society "Diversity of Biochemistry", Belgrade, Serbia. November 14-16. 2019, pp. 140. ISBN: 987-86-7220-101-7(FOC)

Čupurdija M, Planojević N, Blagojević S, Nikezić A, **Jovankić J**, Milutinović M, Lazović M, Grbović F, Marković S. Comparative study of different DNA isolation methods from plants and fungi. 9th Conference of Serbian Biochemical Society "Diversity of Biochemistry", Belgrade, Serbia. November 14-16. 2019, pp. 83. ISBN: 978-86-7220-101-7 (FOC)

NAUČNI PROJEKTI

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- Predikcija težine bolesti u eksperimentalnom modelu akutnog pankreatitisa pacova (junior projekat ev. br. 7/21) , finansiran od strane Fakulteta medicinskih nauka, Univerziteta u Kragujevcu.

ČLANSTVA U NAUČNIM DRUŠTVIMA

- Srpsko društvo za molekularnu biologiju
- Srpsko biološko društvo Stevan Jakovljević

VEŠTINE

- Microsoft Office™ tools / GraphPad Prism / SPSS / Chromas / MEGA / BLAST / Ensemble / CalcuSyn / ImageJ

JEZIK

- English – B2
- Italian – B2