

БИБЛИОГРАФИЈА – Маријана Анђић

1. Muric M, Srejovic I, Novakovic J, Zivkovic V, Jovic JJ, Sretenovic J, Nikolic M, Lazarevic N, **Andjic M**, Kocovic A, Uzelac JJ, Bolevich S, Jakovljevic V. The Combined Empagliflozin and Sacubitril/Valsartan Therapy Attenuates Isoproterenol-Induced Heart Failure in Rats: Functional, Molecular, and Structural Insights. *Cardiovasc Drugs Ther.* 2025. doi: 10.1007/s10557-025-07675-4. **M22, IF=3,5 (2023)**
2. Savic M, Dragasevic N, Sretenovic J, Mihajlovic K, **Andjic M**, Djordjevic K, Pindovic B, Zivkovic V, Srejovic I, Bolevich S, Bolevich S, Jakovljevic V, Nikolic Turnic T. The impact of combination of zofenopril and different diuretics on regression of myocardial reperfusion injury and oxidative status in spontaneously hypertensive rats. *Mol Cell Biochem.* 2025. doi: 10.1007/s11010-024-05203-w. **M22, IF=3,5 (2023)**
3. Adamovic M, Adamovic A, **Andjic M**, Dimitrijevic J, Zdravkovic N, Kostic O, Pecarski D, Pecarski T, Obradovic D, Tomovic M. The Botany, Phytochemistry and the Effects of the *Juglans regia* on Healthy and Diseased Skin. *Cosmetics.* 2024; 11(5):163.doi:10.3390/cosmetics11050163.**IF=3,4 (2023)**
4. **Andjic M**, Bradic J, Kocovic A, Simic M, Krstonosic V, Capo I, Jakovljevic V, Lazarevic N. Immortelle Essential-Oil-Enriched Hydrogel for Diabetic Wound Repair: Development, Characterization, and In Vivo Efficacy Assessment. *Pharmaceutics.* 2024;16(10):1309. **M21, IF=4,9 (2023)**
5. Marković T, Popović S, Matić S, Mitrović M, **Andić M**, Kočović A, Vukić M, Petrović V, Branković J, Vuković N, et al. Insights into Molecular Mechanisms of Anticancer Activity of *Juniperus communis* Essential Oil in HeLa and HCT 116 Cells. *Plants.* 2024; 13(17):2351. doi.org/10.3390/plants13172351. **M21, IF=4,0 (2023)**
6. **Andjić M**, Draginić N, Kočović A, Jeremić J, Vučićević K, Jeremić N, Krstonošić V, Božin B, Kladar N, Čapo I, Andrijević L, Pecarski D, Bolevich S, Jakovljević V, Brađić J. Immortelle essential oil-based ointment improves wound healing in a diabetic rat model. *Biomed Pharmacother.* 2022; 150:112941. **M21a, IF=7.5 (2022)**
7. Bradic J, Petrovic A, Nikolic M, Nedeljkovic N, **Andjic M**, Baljak J, Jakovljevic V, Kocovic A, Tadic V, Stojanovic A, Simanic I. Potentilla tormentilla Extract Loaded Gel: Formulation, In Vivo and In Silico Evaluation of Anti-Inflammatory Properties. *Int J Mol Sci.* 2024;25(17):9389. **M21, IF=5,6 (2023)**
8. Bradic J, Petrovic A, Nikolic M, Nedeljkovic N, **Andjic M**, Kladar N, Bolevich S, Jakovljevic V, Kocovic A. Newly Developed Semi-Solid Formulations Containing *Mellilotus officinalis* Extract: Characterization, Assessment of Stability, Safety, and Anti-Inflammatory Activity. *Pharmaceutics.* 2024;16(8):1003. **M21 IF= 4,9 (2023)**
9. Dimitrijevic J, Tomovic M, Bradic J, Petrovic A, Jakovljevic V, **Andjic M**, Živković J, Milošević SĐ, Simanic I, Dragicevic N. *Punica granatum* L. (Pomegranate) Extracts and Their Effects on Healthy and Diseased Skin. *Pharmaceutics.* 2024;16(4):458. **M21, IF=4,9 (2023)**
10. Ravic M, Srejovic I, Novakovic J, **Andjic M**, Sretenovic J, Muric M, Nikolic M, Bolevich S, Alekseevich Kasabov K, Petrovich Fisenko V, Stojanovic A, Jakovljevic V. Effect of GLP-1 Receptor Agonist on Ischemia Reperfusion Injury in Rats with Metabolic Syndrome. *Pharmaceutics (Basel).* 2024;17(4):525. **M21, IF=4,6 (2023)**

11. Marković T, Popović S, Matić S, Mitrović M, **Andić M**, Kočović A, Vukić M, Petrović V, Branković J, Vuković N, Todorović D, Kačániová M, Baskić D. Insights into Molecular Mechanisms of Anticancer Activity of *Juniperus communis* Essential Oil in HeLa and HCT 116 Cells. *Plants-Basel*. 2024;13(17):2351. **M21 IF= 4,0 (2023)**
12. Andric K, Jakovljevic V, Zivkovic V, Veselinovic M, Bolevich S, Petrovich Fisenko V, Joksimovic Jovic J, **Andjic M**, Lazarevic N, Andric N, Dimkic Milenkovic A, Vulovic D. Oxidative stress and galectin-3 levels during skin grafting after hand injury: gender differences. *Cell Mol Biol (Noisy-le-grand)*. 2024; 70(7):38-48. **M23, IF=1,5 (2023)**
13. Nedeljković N, Nikolić M, Čanović P, Zarić M, Živković Zarić R, Bošković J, Vesović M, Bradić J, **Andić M**, Kočović A, Nikolić M, Jakovljević V, Vujić Z, Dobričić V. Synthesis, characterization, and investigation of anti-inflammatory and antitumor activities of novel thiourea derivatives of naproxen. *Pharmaceutics-Basel*. 2023;16(1):1. **M21 IF= 4,9 (2023)**
14. **Andjić 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. *Pharmaceutics-Basel*. 2021;14(8):813. **M21, IF= 5,215 (2021)**
15. Bradić J, **Andjic M**, Novaković 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. **M21 IF= 6,0 (2023)**
16. Bradić J, **Andjić M***, Novaković J, Jeremić N, Jakovljević V. Cardioplegia in Open Heart Surgery: Age Matters. *J Clin Med*. 2023;12(4):1698. **M21 IF= 3,0 (2023)**
17. Kosanić M, Ranković B, Stanojković T, Vasiljević P, Kočović A, Manojlović A, **Andić M**, Bradić J, Jakovljević V, Manojlović N. Phytochemical composition, biological activity and anti-inflammatory potential of acetone extract from the lichen *Platismatia glauca* (L.) W.L. Culb. & C.F. Culb. *Nat Prod Res*. 2023;1-11. **M22 IF= 1,9 (2023)**
18. Nikolic M, **Andjic M**, Bradić J, Kocovic A, Tomovic M, Samanovic AM, Jakovljevic V, Veselinovic M, Capo I, Krstonosic V, Kladar N, Petrovic A. Topical Application of Siberian Pine Essential Oil Formulations Enhance Diabetic Wound Healing. *Pharmaceutics-Basel*. 2023;15(10):2437. **M21 IF= 4,9 (2023)**
19. Nedeljković N, Dobričić V, Bošković J, Vesović M, Bradić J, **Andić M**, Kočović A, Jeremić N, Novaković J, Jakovljević V, Vujić Z. Synthesis and Investigation of Anti-Inflammatory Activity of New Thiourea Derivatives of Naproxen. *Pharmaceutics-Basel*. 2023;16(5):666. **M21 IF= 4,3 (2023)**
20. Jovicic N, **Andjic M**, Novakovic J, Jeremic N, Zivkovic V, Srejovic I, Stanojevic D, Ristic P, Bolevich S, Jakovljevic V. The effects of low mineral content water on microbiota, metabolic, and oxidative stress parameters in patients with type 2 diabetes mellitus. *Heliyon*. 2023;9(8):e18725. **M22, IF=3.9 (2023)**
21. Panic D, Simic I, Davidovic G, Nikolic M, Lazarevic N, **Andjic M**, Vuckovic J, Zornic N, Zivkovic V, Nikolic Turnic T, Jakovljevic V, Iric Cupic V. The Role of Systemic Oxidative Status in Coronary Arterial and Peripheral Venous Blood of Patients with Unstable Angina Pectoris. *Life-Basel*. 2023;13(7):1537. **M22, IF= 3.2 (2023)**

22. Nikolic Turnic T, Popadic V, Klasnja S, Sekulic A, Nikolic N, Zivkovic V, Jeremic N, **Andjic M**, Draginic D, Srejovic I, Jeremic J, Zdravkovic M, Jakovljevic V. Bradykinin and Galectin-3 in Survived and Deceased Patients with COVID-19 Pneumonia: An Increasingly Promising Biochemical Target. *Oxid Med Cell Longev*. 2022; 2022:7920915. **M21, IF=8.4 (2021)**
23. Draginic N, Jakovljevic V, Jeremic J, Srejovic I, **Andjic M**, Rankovic M, Sretenovic J, Zivkovic V, Ljubic B, Mitrovic S, Bolevich S, Bolevich S, Milosavljevic I. Melissa officinalis L. Supplementation Provides Cardioprotection in a Rat Model of Experimental Autoimmune Myocarditis. *Oxid Med Cell Longev*. 2022; 2022:1344946. **M21, IF=8.4 (2021)**
24. Draginic N, Milosavljevic I, **Andjic M**, Jeremic J, Nikolic M, Sretenovic J, Kocovic A, Srejovic I, Zivkovic V, Bolevich S, Bolevich S, Curcic S, Jakovljevic V. Short-Term Administration of Lemon Balm Extract Ameliorates Myocardial Ischemia/Reperfusion Injury: Focus on Oxidative Stress. *Pharmaceuticals-Basel*. 2022;15(7):840. **M21 IF= 4,6 (2022)**
25. 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=5,316 (2021)**
26. Vuletic M, Jakovljevic V, Zivanovic S, Papic M, Papic M, Mladenovic R, Zivkovic V, Srejovic I, Jeremic J, **Andjic M**, Kocovic A, Sretenovic J, Mitrovic S, Božin B, Kladar N, Bolevich S, Bradic J. The Evaluation of Healing Properties of Galium verum-Based Oral Gel in Aphthous Stomatitis in Rats. *Molecules-Basel*. 2022;27(15):4680. **M22 IF= 4,6 (2022)**
27. Kocovic A, Jeremic J, Bradic J, Sovrljic M, Tomovic J, Vasiljevic P, **Andjic M**, Draginic N, Grujovic M, Mladenovic K, Baskic D, Popovic S, Matic S, Zivkovic V, Jeremic N, Jakovljevic V, Manojlovic N. Phytochemical Analysis, Antioxidant, Antimicrobial, and Cytotoxic Activity of Different Extracts of Xanthoparmelia stenophylla Lichen from Stara Planina, Serbia. *Plants-Basel*. 2022;11(13):1624. **M21 IF= 4,5 (2022)**
28. Prokic V, Rankovic M, Draginic N, **Andjic M**, Sretenovic J, Zivkovic V, Jeremic J, Milinkovic M, Bolevich S, Jakovljevic V, Pantovic S. Guanidinoacetic acid provides superior cardioprotection to its combined use with betaine and (or) creatine in HIIT-trained rats. *Can J Physiol Pharmacol*. 2022;100(8):772-86. **M23, IF=2.1(2022)**
29. Draginic N, **Andjic M**, Jeremic J, Zivkovic V, Kocovic A, Tomovic M, Božin 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= 1,6 (2022)**
30. Joksimovic Jovic J, Sretenovic J, Jovic N, Rudic J, Zivkovic V, Srejovic I, Mihajlovic K, Draginic N, **Andjic M**, Milinkovic M, Milosavljevic Z, Jakovljevic V. Cardiovascular Properties of the Androgen-Induced PCOS Model in Rats: The Role of Oxidative Stress. *Oxid Med Cell Longev*. 2021. 2021:8862878. **M21, IF=8.427 (2021)**
31. Cekerevac I, Turnic TN, Draginic N, **Andjic M**, Zivkovic V, Simovic S, Susa R, Novkovic L, Mijailovic Z, Andjelkovic M, Vukicevic V, Vulovic T, Jakovljevic V. Predicting Severity and Intrahospital Mortality in COVID-19: The Place and Role of Oxidative Stress. *Oxid Med Cell Longev*. 2021;2021:6615787. **M21, IF=8.427 (2021)**
32. **Andjic M**, Draginic N, Radoman K, Jeremic J, Turnic T, Srejovic I, Zivkovic V, Kovacevic M, Bolevich S, Jakovljevic V. Flaxseed and evening primrose oil slightly affect systolic and

- diastolic function of isolated heart in male but not in female rats. *Int J Vitam Nutr Res*. 2021;91(1-2):99-107. **M23, IF=1.284 (2019)**
33. Stojanovic A, Veselinovic M, Draginic N, Rankovic M, **Andjic M**, Bradic J, Bolevich S, Antovic A, Jakovljevic V. The Influence of Menopause and Inflammation on Redox Status and Bone Mineral Density in Patients with Rheumatoid Arthritis. *Oxid Med Cell Longev*. 2021; 2021:9458587. **M21, IF=8.427 (2021)**
 34. Petrovic J, Nikolic Turnic T, Zivkovic V, **Andjic M**, Draginic N, Stojanovic A, Milinkovic I, Bolevich S, Jevdjic J, Jakovljevic V. Correlation of Redox Status with Procalcitonin and C-reactive Protein in Septic Patients. *Oxid Med Cell Longev*. 2020; 2020:5147364. **M21, IF=8.427 (2021)**
 35. Ristic J, Folic M, Radonjic K, Rosic M, Bolevich S, Alisultanovich O, Draginic N, **Andjic M**, Jeremic J, Milosavljevic I, Zivkovic V, Jakovljevic V. Preconditioning with PDE1 Inhibitors and Moderate-Intensity Training Positively Affect Systemic Redox State of Rats. *Oxid Med Cell Longev*. 2020; 2020:6361703. **M21, IF=8.427 (2021)**
 36. Petrovic I, Pejnovic N, Ljubic B, Pavlovic S, Miletic Kovacevic M, Jetic I, Djukic A, Draginic N, **Andjic M**, Arsenijevic N, Lukic M, Jovicic N. Overexpression of Galectin 3 in Pancreatic β Cells Amplifies β -Cell Apoptosis and Islet Inflammation in Type-2 Diabetes in Mice. *Front Endocrinol*. 2020;11:30. **M21, IF=6.335 (2020)**
 37. Govoruskina N, Jakovljevic V, Zivkovic V, Milosavljevic I, Jeremic J, Bradic J, Bolevich S, Omarov I.A, Djuric D, Radonjic K, **Andjic M**, Draginic N, Stojanovic A, Srejovic I. The Role of Cardiac N-Methyl-D-Aspartate Receptors in Heart Conditioning—Effects on Heart Function and Oxidative Stress. *Biomolecules*. 2020; 10:E1065. **M21, IF=5.362 (2020)**
 38. 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(1):121-9. **M23, IF=0.33 (2020)**
 39. Dragasevic N, Jakovljevic V, I Zivkovic V, Draginic N, **Andjic M**, Bolevich S, Jovic S. The role of aldosterone inhibitors on cardiac ischemia/reperfusion injury. *Can J Physiol Pharmacol*. 2020; doi: 10.1139/cjpp-2020-0276. **M23, IF=2.45 (2020)**
 40. Jevtić A, Živković V, Milinković M, Mijailović Ž, Draginić N, **Andjić M**, Milojević Šamanović A, Bolevich S, Jakovljević V. The effect of hyperbaric oxygenation on cardiodynamics and oxidative stress in rats with sepsis. *Vojnosanit Pregl*. 2021;78(8):825-33. **M23, IF=0.383 (2019)**
 41. **Andjic M**, Kocovic A, Vucicevic K, Jakovljevic V, Simanic I, Vukasinovic Vesic M, Bradic J. Topical helichrysum italicum essential oil-based ointment hastens excisional wound healing by alleviating inflammation and oxidative stress in diabetic rats. *EABR*. 2024. doi: 10.2478/eabr-2024-0012. **M51**
 42. Vranic A, Antovic A, Draginic N, **Andjic M**, Ravic M, Jakovljevic V, Veselinovic M. Redox status in women with rheumathoid arthritis *Ser J Clin Exp Res*. 2018. doi: 10.2478/SJECR-2018-0047. **M51**
 43. Bolevich S, Milosavljevic I, Draginic N, **Andjic M**, Jeremic N, Bolevich S, Litvitskiy PF, Jakovljevic V. The Effect of the Chronic Administration of DPP4-Inhibitors on Systemic Oxidative Stress in Rats with Diabetes Type 2. *Ser J Clin Exp Res*. 2019; 20 (3): 199-206. **M51**

44. Bolevich S, Draginic N, **Andjic M**, Jeremic N, Bolevich S, Litvitskiy P, Jakovljevic V. The effects of DPP4 inhibitors on lipid status and blood pressure in rats with Diabetes mellitus type 2. Serbian Journal of Experimental and Clinical Research. 2019; 20 (4): 301-8. **M51**
45. Draginic N, Prokic V, **Andjic M**, Vranic A, Pantovic S. The effects of creatine and related compounds on cardiovascular system. Ser J Clin Exp Res. 2020; doi: 10.2478/sjecr-2019-0066. **M51**.



ПОТВРДА

23.05.2025

год.

КРАГУЈЕВАЦ

Да је др Маријана Анђић, доцент за ужу научну област Фармацеутска технологија Факултета медицинских наука Универзитета у Крагујевцу, учесник на следећим Јуниор Пројектима које финансира Факултет медицинских наука Универзитета у Крагујевцу:

1. 08/19 „Одређивање антиинфламаторне, антиоксидативне активности и специфичности везивања деривата тиосалицилне киселине за хумани серумски албумин“;
2. 23/19 „Утицај редоследа примене хипербаричне оксигенације и екстракта ароније на оксидациони статус спортиста у односу на редовну физичку активност“;
3. 27/20 „Ефекти различитих терапијских модалитета на инфламациони и оксидациони статус пацијената са псоријазом“;
4. 02/21 „Протромботска и инфламаторна болест узрокована SARS-CoV2“;
5. 09/21 „Анализа декубиталних промена оралне слузокоже код носиоца мобилних зубних надокнада - серија случајева“;
6. 14/22 „Развој и процена ефикасности и безбедности нових биљних дерматолошких препарата у процесу зарастања рана, опекотина и третману локалне инфламације“;
7. 11/23 „Утицај пептид-рецептор радионуклидне терапије на параметре редокс статуса и инфламације код пацијената са неуроендокриним туморима“;
8. 01/24 „Ефекти хроничне коадминистрације емпаглифлозина и сакубитрил/валсартана у експерименталном моделу срчане инсуфицијенције индуковане применом изопротеренола код пацова“;
9. 06/24 „Развој нових амидних деривата кетопрофена и оксапрозина - синтеза, физичко-хемијска карактеризација, специфичности везивања за протеинне плазме и испитивање биолошке активности“.

Потврда се издаје на лични захтев.

22.05.2025.године

Крагујевац

Декан



Проф. др Владимир Јањић

Изradio:

[Signature]

Контролисао:

[Signature]



УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ
ФАКУЛТЕТ МЕДИЦИНСКИХ НАУКА
Бр. 06-3550/2
23.05.2025 г.д.
КРАГУЈЕВАЦ

ПОТВРДА

Да је др Маријана Анђић, доцент за ужу научну област Фармацеутска технологија Факултета медицинских наука Универзитета у Крагујевцу, била учесник на следећим Јуниор Пројектима које је финансирао Факултет медицинских наука Универзитета у Крагујевцу:

1. 26/20 „Карактеризација и ефекти екстракта *Melissa officinalis* (Lamiaceae) у моделу експерименталног аутоимунског миокардитиса пацова“;
2. 33/20 „Ефекти агониста рецептора за пептид сличан глутагону-1 на исхемијско/реперфузиону повреду изолованог срца пацова са метаболичким синдромом“.

Потврда се издаје на лични захтев.

22.05.2025.године

Крагујевац

Декан



Проф. др Владимир Јањић

Израдио:

Контролисао:

[Signatures]