

Доц. др сци. мед. Немања Ранчић

Доктор медицине, специјалиста радиологије

Доктор медицинских наука, виши научни сарадник

Продекан Медицинског факултета ВМА Универзитета одбране



Општи подаци:

Рођен: 28.06.1984. год.

ОБРАЗОВАЊЕ

1. Специјализација из клиничке фармакологије на Медицинском факултету Војномедицинске академије Универзитета одбране у Београду
2. Специјализација из радиологије на Медицинском факултету Војномедицинске академије Универзитета одбране у Београду, 2021. год.
3. Докторска дисертација под називом "Процена односа концентрација/доза такролимуса као параметра за терапијски мониторинг у пацијената подвргнутих трансплантацији бубрега" на Факултету медицинских наука Универзитета у Крагујевцу, 2015. год.
4. Медицински факултет Универзитета у Београду, 2010. год.

КРЕТАЊЕ У СЛУЖБИ

1. од 2022. год. продекан за научноистраживачку делатност и докторске студије на Медицинском факултету Војномедицинске академије Универзитета одбране у Београду
2. од 2019. год.- руководилац пројекта у Центру за клиничку фармакологију Војномедицинске академије у Београду
3. 2012-2019. год.- сарадник у настави на Медицинском факултету Војномедицинске академије Универзитета одбране у Београду
4. 2011. год.- истраживач сарадник на Факултету медицинских наука Универзитета у Крагујевцу
5. 2010. год.- обавезан лекарски стаж у Заводу за здравствену заштиту студената у Београду

СТИПЕНДИЈЕ И НАГРАДЕ

1. Шестогодишња Републичка стипендија у току студирања на Медицинском факултету Универзитета у Београду од стране Министарства просвете и науке Републике Србије
2. Стипендија Министарства за просвету, науку и технолошки развој на првој години докторских академских студија на Медицинском факултету Универзитета у Крагујевцу школске 2010/11. год.
3. Стипендија од стране удружења ХеМеТ (Xenobiotic Metabolism and Toxicity) за Осми конгрес југоисточне Европе метаболизма ксенобиотики и токсина, Солун, Грчка, октобар 2010. год.
4. Награда за најбољи оригинални рад на 6. конгресу Англо-српских дана у анестезији, Београд, Србија, 2016. год.
5. Награда за најбољи постер рад на 13th *BISOP Belgrade international symposium on pain*, Београд, Србија, 18-19. мај 2018.

6. Награда за најбољи постер рад на 5. Конгресу нефролога Србије, Београд, Србија, 31. октобар-03. новембар 2019.
7. Похваљен од стране начелника ВМА поводом 30. јула 2022. гГод.- Дана санитетске службе, за нарочите резултате постигнуте у служби.
8. Добитник Војне спомен-медаље за изузетне резултате у војној служби за војног односно државног службеника, први пут, током 2023. године.
9. Похваљен од стране начелника ВМА поводом 30. јула 2023. год.- Дана санитетске службе, за нарочите резултате постигнуте у служби.

УСАВРШАВАЊА

1. *University of Debrecen, Faculty of public health, Department of Preventive Medicine, Debrecen, Hungary*: Међународни пројекат ТЕТ_16-1-2016-0142 под називом „Старење популације и издвајања за здравствену заштиту у Мађарској и Србији упоредне анализе”; 24-31. март 2019.

ПРЕДМЕТИ ЕДУКАЦИЈЕ

1. Сертификат завршеног курса „*ICH E6 GCP Training for Investigators and Site Personnel, Version 1.0 Februar 2015*“, *CRA Academy Belgrade*, 25.12.2015. године у Београду
2. Потврда о обучености о Добробити огледних животиња, 12.10.2012. год., Војномедицинска академија, Београд
3. Завршен *on-line* курс „*The global health network: Enabling research by sharing knowledge*“ из добре клиничке праксе 14-15.11.2014. године
4. Завршен *on-line* курс „*Introduction to Good clinical laboratory practice*“ из добре клиничке и лабораторијске праксе 03.06.2015. године
5. Сертификат завршеног курса Добра клиничка пракса у клиничким испитивањима, Српско лекарско друштво Секција за клиничку фармакологију, фебруара 2014. год. у Београду
6. Сертификат завршеног курса Методологија истраживања у медицини и фармацији на Факултету медицинских наука Универзитета у Крагујевцу 2010. год.
7. Сертификат завршеног курса Прве помоћи 2008. год. на Медицинском факултету Универзитета у Београду

ПРОЈЕКТИ

До сада био члан истраживачког тима на 12 научноистраживачких пројеката од националног и међународног значаја од којих се могу издвојити:

1. Руководилац пројекта МФВМА04/22-24 под насловом „Економска исплативост имплементације одређивања слободне циркулишуће lncRNA у дијагностику карцинома простате; повезаност са клиничким, лабораторијским и радиолошким карактеристикама”, Медицински факултет ВМА, Универзитет одбране у Београду
2. Сарадник на пројекту Фонда за науку Р. Србије из програма Призма под насловом „*Detection and quantification of residual disease in patients with high-risk and advanced melanoma as a marker of therapy response and prognosis - ReDiMEL*” чији је руководиоца проф. др Лидија Кандолф, Медицински факултет ВМА, Универзитет одбране у Београду

ЧЛАНСТВА

1. Рецензент Националног тела за акредитацију и проверу квалитета у високом образовању Србије (НАТ) за поље медицине.
2. Преседник Одбора за научноистраживачку делатност и докторске студије Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2022. године
3. Секретар Етичког одбора Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2022. године
4. Преседник Комисије за обезбеђење квалитета Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2023. године
5. Члан Сталног радног тела Савета за научноистраживачку делатност у Министарству одбране о рецензији и реализацији научноистраживачких пројеката од 2023. године
6. Члан Етичке комисије за заштиту добробити огледних животиња Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2024. године
7. Преседник Комисије за оцену подобности тема, ментора и чланова комисије за дипломске радове кадета и студената интегрисаних академских студија медицине Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2023. године
8. Преседник Комисије за оцену Плана издавачке делатности Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2024. Године
9. Члан Судско-медицинског одбора Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2023. године
10. Секретар Катедре за фармаколошке науке Медицинског факултета Војномедицинске академије Универзитета одбране у Београду од 2021. године
11. Члан уређивачког одбора часописа Војносанитетски преглед од 2024. год.
12. Члан уређивачког одбора часописа *Academia Medicine* од 2023. год.
13. Члан уређивачког одбора часописа *International Journal of Clinical Investigation and Case Reports* од 2022. год.
14. Члан уређивачког одбора часописа *Journal of Modern Pharmacology and Pathology* од 2022. год.
15. Члан уређивачког одбора часописа *Serbian Journal of Anesthesia and Intensive Therapy* од 2016. год.
16. Члан Секције за клиничку фармакологију Српског лекарског друштва од 2014. год.
17. Члан Српског лекарског друштва од 2010. год.

СТРУЧНИ РАДОВИ И КЊИГЕ

- 174 публикованих радова у целисти у домаћим и међународним часописима, од тога 115 на *SCI* листи; кумулативни фактор утицаја >1100
- 151 извод са конгреса од међународног и националног значаја
- 18 поглавља у књизи и један превод књиге
- 4 књиге
- област: фармакологија, клиничка фармакологија, биостатистика, фармакоекономија, трансплантација, имуносупресивна терапија, радиологија

СТРУЧНИ РАДОВИ НА СЦИ ЛИСТИ И КЊИГЕ

1. Radojevic N, Bjelogrljic B, Aleksic V, **Rancic N**, Samardzic M, Petkovic S, Savic S. Forensic aspects of water intoxication; four case reports and review of relevant literature. *Forensic Sci Int* 2012; 220(1-3): 1-5. **IF 2,433**
2. Jakovljevic M, Jovanovic M, **Rancic N**, Vyssoki B, Djordjevic N. LAT Software Induced Savings on Medical Costs of Alcohol Addicts' Care - Results from a Matched-Pairs Case-Control Study. *PLoS One* 2014; 9(11): e111931. **IF 4,244**
3. Jovičić M, Hinić D, Drašković M, Obradović A, Nikić-Đuričić K, **Rančić N**, Perković-Vukčević N, Ristić-Ignjatović D. Psychometric properties of the rass scale in the Serbian population. *J Affect Disord* 2016; 189: 134-140. **IF 3,996**
4. Kovačević A, **Rancic N**, Segrt Z, Dragojevic-Simic V. Pharmaceutical expenditure and burden of non-communicable diseases in Serbia. *Front Pharmacol* 2016; 7: 373. doi: 10.3389/fphar.2016.00373. **IF 4,275**
5. Dragojević-Simić V, Kovačević A, Jačević V, **Rančić N**, Djordjević S, Kilibarda V, Mikov M, Bokonjić D. Bioequivalence study of two formulations of itraconazole 100 mg capsules in healthy volunteers under fed conditions: a randomized, three-period, reference-replicated, crossover study. *Expert Opin Drug Metab Toxicol.* 2018; 14(9): 979-988. **IF 3,487**
6. Vekic B, Dragojevic-Simic V, Jakovljevic M, Pilipovic F, Simic R, Zivic R, Radovanovic D, **Rancic N**. Medical cost of colorectal cancer services in Serbia between 2014 and 2017: National data report. *Front. Pharmacol.* 2019; 10: 526. doi: 10.3389/fphar.2019.00526. **IF 4,225**
7. Jakovljevic M, Fernandes PO, Teixeira JP, **Rancic N**, Timofeyev Y, Reshetnikov V. Underlying Differences in Health Spending Within the World Health Organisation Europe Region-Comparing EU15, EU Post-2004, CIS, EU Candidate, and CARINFONET Countries. *Int J Environ Res Public Health.* 2019;16(17). pii: E3043. doi: 10.3390/ijerph16173043. **IF 2,849**
8. **Rancic N**, Mladenovic K, Ilic NV, Dragojevic-Simic V, Karanikolas M, Ilic TV, Stamenkovic DM. Patient-controlled intravenous morphine analgesia combined with transcranial direct current stimulation for post-thoracotomy pain: A cost-effectiveness study and a feasibility for its future implementation. *Int J Environ Res Public Health.* 2020; 17(3): 816. **IF 3,390**
9. Stamenkovic D, Mladenovic K, **Rancic N**, Cvijanovic V, Maric N, Neskovic V, Zeba S, Karanikolas M, Ilic TV. Effect of transcranial direct current stimulation (tDCS) combined with patient controlled intravenous morphine analgesia on analgesic use and post-thoracotomy pain. A prospective, randomized, double blind, sham controlled, proof-of-concept clinical trial. *Front. Pharmacol.* 2020; 11: 125. doi: 10.3389/fphar.2020.00125. **IF 5,810**
10. Mihailovic N, József Szöllösi G, **Rancic N**, János S, Boruzs K, Csaba Nagy A, Timofeyev Y, Dragojević-Simić V, Antunovic M, Reshetnikov V, Ádány R, Jakovljevic M. Alcohol Consumption among the Elderly Citizens in Hungary and Serbia – Comparative Assessment. *Int J Environ Res Public Health* 2020; 17(4): 1289. doi: 10.3390/ijerph17041289. **IF 3,390**
11. Jakovljevic M, Timofeyev Y, Ranabhat CL, Fernandes PO, Teixeira JP, **Rancic N**, Reshetnikov V. Real GDP growth rates and healthcare spending - comparison between

- the G7 and the EM7 countries. *Global Health*. 2020;16(1):64. doi: 10.1186/s12992-020-00590-3. **IF 4,185**
12. Zhussupova G, Skvirskaya G, Reshetnikov V, Dragojevic-Simic V, **Rancic N**, Utepova D, Jakovljevic M. The evaluation of antibiotic consumption at the inpatient level in Kazakhstan from 2011 to 2018. *Antibiotics* 2020; 9(2): 57. **IF 4,639**
 13. Jakovljevic M, Sugahara T, Timofeyev Y, **Rancic N**. Predictors of (in)efficiencies of healthcare expenditure among the leading Asian economies – comparison of OECD and non-OECD nations. *Risk Manag Healthc Policy*. 2020;13:2261-2280. **IF 3,200**
 14. Vekic B, Dragojevic-Simic V, Jakovljevic M, Kalezic M, Zagorac Z, Dragovic S, Zivic R, Pilipovic F, Simic R, Jovanovic D, Milovanovic J, **Rancic N**. A Correlation Study of the Colorectal Cancer Statistics and Economic Indicators in Selected Balkan Countries. *Front. Public Health* 2020; 8: 29. doi: 10.3389/fpubh.2020.00029. **IF 3,709**
 15. Stepovic M, **Rancic N**, Vekic B, Dragojevic-Simic V, Vekic S, Ratkovic N, Jakovljevic M. Gross Domestic Product and Health Expenditures Growth in Balkan and East European Countries- Three-Decade Horizon. *Front Public Health* 2020; 8: 492. doi: 10.3389/fpubh.2020.00492. **IF 3,709**
 16. Simic R, Ratkovic N, Dragojevic Simic V, Savkovic Z, Jakovljevic M, Peric V, Pandrc M, **Rancic N**. Cost Analysis of Health Examination Screening Program for Ischemic Heart Disease in Active-Duty Military Personnel in the Middle-Income Country. *Front Public Health*. 2021;9:634778. doi: 10.3389/fpubh.2021.634778. **IF 6,461**
 17. Sahman M, Mugosa S, **Rancic N**. Utilization of Mycophenolic Acid, Azathioprine, Tacrolimus, Cyclosporin, Sirolimus, and Everolimus: Multinational Study. *Front Public Health*. 2021;9:671316. doi: 10.3389/fpubh.2021.671316. **IF 6,461**
 18. Miljkovic M, **Rancic N**, Kovačević A, Cikota Aleksić B, Skadric I, Jačević V, Mikov M, Dragojevic-Simic V. Influence of Gender, Body Mass Index and Age on the Pharmacokinetics of Itraconazole in Healthy Subjects: Non-compartmental versus compartmental analysis. *Front. Pharmacol.* 2022;13:796336. doi: 10.3389/fphar.2022.796336. **IF 5,6**
 19. Perić A, **Rančić N**, Dragojević-Simić V, Milenković B, Ljubenović N, Rakonjac B, Begovic Kupresanin V, Šuljagić V. Association between Antibiotic Use and Hospital-Onset *Clostridioides difficile* Infection in University Tertiary Hospital in Serbia, 2011-2021: An Ecological Analysis. *Antibiotics* 2022;11:1178. **IF 4,8**
 20. Taušan Đ, **Rancic N**, Kostić Z, Ljubenović N, Rakonjac B, Šuljagić V. An Assessment of burden of hospital-acquired pneumonia among abdominal surgical patients in tertiary university hospital in Serbia: A matched nested case-control study. *Front. Med.* 2022;9:1040654. doi: 10.3389/fmed.2022.1040654. **IF 3,9**
 21. **Rancic N**, Erceg M, Radojevic N, Savic S. Medicolegal Characteristics of Firearm Homicides in Belgrade, Serbia: Before, During, and After the War in the Former Yugoslavia. *J Forensic Sci* 2013; 58(6): 1549-1553. **IF 1,562**
 22. Ristic B, **Rancic N**, Maksimovic M, Ignjatovic-Ristic D. The influence of alcohol intoxication on the severity of injuries suffered by drivers in road traffic accidents. *Eur J Trauma Emerg Surg* 2013; 39(4): 363-368. **IF 0,359**
 23. Jakovljevic MB, Djordjevic V, Markovic V, Milovanovic O, **Rancic NK**, Cupara SM. Cross-sectional survey on complementary and alternative medicine awareness among health care professionals and students using CHBQ questionnaire in a Balkan country. *Chin J Integr Med* 2013; 19(9): 650-655. **IF 1,233**

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27. Miljkovic M, Dragojevic-Simic V, **Rancic N**, Simic R, Pekez-Pavlisko T, Kovacevic A, Stamenkovic D. Metamizole utilization and expenditure during 6-year period: Serbia vs. Croatia. *Front. Public Health* 2018; 6: 213. doi: 10.3389/fpubh.2018.00213. **IF 2,031**
28. Jakovljevic M, Camilleri C, **Rancic N**, Grima S, Jurisevic M, Grech K, Buttigieg SC. Cold War Legacy in Public and Private Health Spending in Europe. *Front. Public Health* 2018; 6: 215. doi: 10.3389/fpubh.2018.00215. **IF 2,031**
29. Nedeljkovic-Arsenovic O, Banovic M, Radenkovic D, **Rancic N**, Polovina S, Micic D, Nedeljkovic I. The amount of weight loss six months after bariatric surgery: it makes a difference. *Obesity Facts* 2019; 12(3): 281-290. **IF 3,514**
30. Luketina-Sunjka M, **Rancic N**, Mihailovic N, Jakovljevic M. The Impact of the Socio-Demographic Characteristics of Complementary and Alternative Medicine Users in Serbia on OTC Drug Consumption. *Front Public Health*. 2019;7:303. doi: 10.3389/fpubh.2019.00303. **IF 2,483**
31. Stamenkovic DM, Selvaraj S, Venkatraman S, Arshad A, **Rancic NK**, Dragojevic-Simic VM, Miljkovic MN, Cattano D. Anesthesia for patients with psychiatric illnesses: a narrative review with emphasis on preoperative assessment and postoperative recovery and pain. *Minerva Anesthesiol*. 2020; 86(10): 1089-1102. **IF 3,051**
32. Nedeljkovic-Arsenovic O, Banovic M, Radenkovic D, **Rancic N**, Polovina S, Micic D, Nedeljkovic I. Five-Year Outcomes in Bariatric Surgery Patients. *Medicina (Kaunas)*. 2020;56(12):E669. **IF 2,430**
33. Dragojevic Simic V, Miljkovic M, Stamenkovic D, Vekic B, Ratkovic N, Simic R, **Rancic N**. An overview of antiviral strategies for coronavirus 2 (SARS-CoV-2) infection with special reference to antimalarial drugs chloroquine and hydroxychloroquine. *Int J Clin Pract*. 2021; 75: e13825. doi: 10.1111/ijcp.13825. **IF 3,149**
34. Terzic D, Putnik S, Nestorovic E, Jovicic V, Lazovic D, **Rancic N**, Milicevic V, Ivanisevic D, Karan R, Mikic A. Impact of Right Heart Failure on Clinical Outcome of Left Ventricular Assist Devices (LVAD) Implantation: Single Center Experience. *Healthcare* 2022; 10: 114. doi: 10.3390/healthcare10010114. **IF 2,8**
35. Zečević Luković T, Ristić B, Jovanović Z, **Rančić N**, Ignjatović Ristić D, Ćuković S. Complex regional pain syndrome type I in the upper extremity - how much physical therapy and rehabilitation is efficient. *Med Glas (Zenica)* 2012; 9(2): 334-340. **IF 0,145**
36. **Rančić N**, Ignjatović Ristić D, Radovanović S, Kocić S, Radević S. Sociodemographic and clinical characteristics of hospitalized patients after suicide attempt: a twenty-year retrospective study. *Med Glas (Zenica)* 2012; 9(2): 350-355. **IF 0,145**

37. Djurović G, **Rančić N**, Savić S. Drunken state in fatally injured drivers of motor vehicles. *Srp Arh Celok Lek* 2013; 141(5-6): 359-365. (In Serbian) **IF 0,208**
38. Ranković A, **Rančić N**, Jovanović M, Ivanović M, Gajović O, Lazić Z, Jakovljević M. Impact of imaging diagnostics on the budget – Are we spending too much ? *Vojnosanit pregl* 2013; 70(7): 709-711. **IF 0,258**
39. Ristić-Ignjatović D, Hinić D, Jakovljević M, Fountoulakis K, Siepera M, **Rančić N**. A ten-year study of depressive symptoms in Serbian medical students. *Acta Clin Croat* 2013; 52(2): 157-163. **IF 0,468**
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