





PERSONAL INFORMATION

**Milovan Roganović**


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milovan.roganovic@prona.org

Sex Male | Date of birth 03/03/1994 | Nationality Montenegrin

 www.naucnamreza.me/me/istrazivaci/milovanroganovic

 www.researchgate.net/profile/Milovan_Roganovic2

 www.ucg.ac.me/roganovic.m

ORCID-ID: 0000-0002-7925-7954

Researcher code: 7719

WORK EXPERIENCE

06/2019–Present

Resident Doctor

Clinical Centre of Montenegro, Clinic for Neurology
Ljubljanska bb, 81000 Podgorica (Montenegro)
www.kccg.me

Business or sector Human health and social work activities

09/2018–Present

University teaching assistant

Univeristy of Montenegro, Faculty of Medicine, Department of Medical Biochemistry
Kruševac bb, 81000 Podgorica (Montenegro)
www.ucg.ac.me/med

Lecturing and organizing student excercises for students of:

- Medicine (Medical Biochemistry and Chemistry)
- Dentistry (General and Oral Biochemistry)
- Pharmacy (Medical Biochemistry)

Business or sector Education

08/2018–Present

Project Director

Montenegrin Science Promotion Foundation PRONA
Studentska, lamela 10/29, 81000 Podgorica (Montenegro)
www.prona.org

Business or sector Education

06/2018–03/2019

MD Resident

Primary Health Care Center Podgorica, Podgorica (Montenegro)

10/2014–09/2018

Student-demonstrator

University of Montenegro, Faculty of Medicine, Department of Medical Biochemistry,
Podgorica (Montenegro)

The general duties of student demonstrator in undergraduate practical classes involve the provision of assistance to students, under the guidance of academic members of staff.

EDUCATION AND TRAINING

10/2019–Present **PhD Student**
University of Montenegro, Faculty of Medicine, Podgorica (Montenegro)

09/2012–05/2018 **Medical Doctor (MD)** EQF level 7
University of Montenegro, Faculty of Medicine, Podgorica (Montenegro)
Diploma thesis: „Role of the oxidative stress in the pathogenesis of epilepsy“;
mentor: assistant professor Snežana Pantović, MD, PhD
Date of defense: 28. 05. 2018.

01/07/2016–01/08/2016 **Professional Medical Exchange**
UNB Kramare - Department of Neurology, Bratislava, Republika Slovačka
Mentor: full professor Peter Valkovič, MD, PhD

2008–2012 **High School „Stojan Cerović,, Nikšić**

2000–2008 **Elementary School „Ratko Žarić,, Nikšić**

PERSONAL SKILLS

Mother tongue(s) Montenegrin

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Oxford Center Certificate No 149/2010					
Italian	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Communication skills Good communication skills gained through my experience as student demonstrator on Faculty of Medicine and through my experience in Montenegrin Science Promotion Foundation

Organisational / managerial skills Good organisational skills gained as coordinator in many projects in Montenegrin Science Promotion Foundation

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem-solving
	Independent user	Proficient user	Independent user	Independent user	Independent user

[Digital skills - Self-assessment grid](#)

Driving licence B

ADDITIONAL INFORMATION

Memberships in organizing committees

11/2020 - member of the Organizing Committee of the European Researchers' Night 2020; organizer: Montenegrin Science Promotion Foundation PRONA

03/2020 - member of Organizing Committee of III Interdisciplinary meeting of Association of neurologists of Montenegro, Society of neurologists of Serbia and Institute „Dr Simo Milosevic" Igalo

10/2019 - president of Organizing Committee of Montenegrin International Medical Summit (MIMS 2019); first congress of students and young doctors of medicine, dentistry and pharmacy in Montenegro; organizer: University of Montenegro, Faculty of Medicine

07/2019 - member of Organizing Committee of 12th Summer Science School; organizer: Montenegrin Science Promotion Foundation PRONA

03/2019 - member of Organizing Committee of 11th Winter Science School; organizer: Montenegrin Science Promotion Foundation PRONA

11/2018 - member of Organizing Committee of The First Young Science Forum; organizer: Montenegrin Science Promotion Foundation PRONA

08/2018 - president of Organizing Committee of 11th Science Center „Lovćen" - Summer Science School and school „Planet in your hands"; organizer: Montenegrin Science Promotion Foundation PRONA

03/2018 - president of Organizing Committee of 10th Winter Science School; organizer: Montenegrin Science Promotion Foundation PRONA

08/2017 - coordinator of 10th Summer Science School and School „Planet in your Hands,, and Head of Medicine Workshops; organizer: Montenegrin Science Promotion Foundation PRONA

03/2017 - coordinator of 9th Winter Science School; organizer: Montenegrin Science Promotion Foundation PRONA

08/2016 - coordinator of 9th Summer Science School and School „Planet in your Hands,, and Head of Medicine Workshops; organizer: Montenegrin Science Promotion Foundation PRONA

03/2016 - coordinator of 8th Winter Science School; organizer: Montenegrin Science Promotion Foundation PRONA

08/2015 - member of Organizing Committee of Summer Science School; organizer: Montenegrin Science Promotion Foundation PRONA

Membership in governing bodies

09/2020 – ongoing - Deputy Member of the Central Election Commission of the Medical Chamber of Montenegro (Decision of the Assembly of the Medical Chamber of Montenegro, No. 250/2, dated September 7, 2020)

01/2019 - 03/2019 - member of the Working Group of Teaching Assistants at the University of Montenegro for writing a report for the needs of the General Strategy of the University of Montenegro

03/2017 - 05/2018 - member of Council of Faculty of Medicine, University of Montenegro

11/2016 - 05/2018 - member of Students Council of Faculty of Medicine, University of Montenegro

Honours and awards

Student award of Municipality of Nikšić for 2018.

Award for Exceptional Students of the Faculty of Medicine of the University of Montenegro (December 2017)

Award for Exceptional Students of the Faculty of Medicine of the University of Montenegro (December 2016)

Award for Exceptional Students of the Faculty of Medicine of the University of Montenegro (December 2015)

Award for Exceptional Students of the Faculty of Medicine of the University of Montenegro (December 2014)

Award for Exceptional Students of the Faculty of Medicine of the University of Montenegro (December 2013)

Diploma "LUČA I" - average mark "A" (Secondary school)

Award from National Chemistry Competition (first place, May 2012)

Award from National Chemistry Competition (first place, May 2011)

Award from National Chemistry Competition (third place, June 2010)

Diploma "LUČA I" - average mark "A" (Primary school)

Award from School Chemistry Competition (first place, March 2008)

Award from School Geography Competition (first place, March 2008)

Award from National Chemistry Competition (third place, June 2007)

Award from School Chemistry Competition (first place, March 2007)

Scholarships

Scholarship of Montenegrin Academy of Sciences and Arts (December 2015)

Scholarship of Ministry of Education of Montenegro (2008-2018)

Scholarship of Municipality of Nikšić (2012-2018)

Memberships Member of Medical Chamber of Montenegro (Licence Number C-1808)

Member of Society of Neurologists of Montenegro

Member of Society of Young Neurologists of Serbia

Books 1. Co-author of the chapters: Fundamentals of enzymology; Haemoglobin; Nephroproteinic nitrogen compounds; Biochemistry of kidneys and Biochemistry of the nervous system in: **Snežana Pantović: Osnovi biohemije za studente Visoke medicinske škole**; publisher: University of Montenegro [in print]

Publications: peer reviewed journal articles

1. Djukanović M, Mavrić A, Jovanović J, **Roganović M**, Bošković V. Design of 3D Printing Thermo-Sensored Medical Gear in Detecting COVID-19 Symptoms. *Applied Sciences*. 2021; 11(1):419. <https://doi.org/10.3390/app11010419>

2. Erakovic J, Milikic D, Radulovic L, Perunicic S, Idrizovic Z, **Roganovic M**. Reorganization of multiple sclerosis health care system in Clinical Centre of Montenegro during the COVID-19 pandemic. *eNeurologicalSci*. 2020 Dec;21:100263. doi: 10.1016/j.enesci.2020.100263. Epub 2020 Aug 15. PMID: 32835119; PMCID: PMC7428433.

3. Ljiljana Radulovic, Jevto Erakovic, **Milovan Roganovic**. *Attitudes of patients with relapsing-remitting form of multiple sclerosis using disease-modifying drugs in Montenegro regarding COVID-19 pandemic*. *Multiple Sclerosis and Related Disorders* (2020) doi: <https://doi.org/10.1016/j.msard.2020.102380>

4. Miljan Bigovic, **Milovan Roganovic**, Ivana Milasevic, Dijana Djurovic, Vjerslava Slavic, Milica Kosovic, Mia Vlahovic, Svetlana Perovic, Andrej Perovic, Vlatko Kastratovic, Zorica Potpara, Milica Martinovic, Snezana Pantovic. *Physico-chemical characterization of igalo bay peloid (montenegro) and assessment of the pollution of potentially toxic elements in the sampling area*. *FARMACIA*, 2020, Vol. 68, 3, 560-571

5. Miljan Bigovic, Snezana Pantovic, Ivana Milasevic, Ljubica Ivanovic, Dijana Djurovic, Vjerslava Slavic, Milica Popovic, Miroslav Vrvic & **Milovan Roganovic**. *Organic composition of Igalo bay peloid (Montenegro)*. *Indian Journal of Traditional Knowledge* Vol 18(4), October 2019, pp 837-848.

6. **Roganovic M**, Pantovic S, Dizdarevic S. *Role of the oxidative stress in the pathogenesis of epilepsy*. *Neurol Sci Neurophysiol* 2019; 36(1): 1-8, doi: 10.5152/NSN.2019.11632

7. S. Pantovic, V. Slavic, **M. Roganovic** *Heat shock protein 27 and glycogen phosphorylase isoenzyme BB as markers of myocardial stunning in male water polo players* *Biomedical Research* 2018; 29 (15): 3069-3073, doi: 10.4066/biomedicalresearch.29-18-873

Congress publications

1. **M. Roganovic**, L. Radulovic, J. Erakovic *Multivitamin, vitamin C and vitamin D pills self-medication in multiple sclerosis patients in Montenegro during COVID-19 pandemic*. *MSVirtual 2020 – Late Breaking News*. *Multiple Sclerosis Journal*. 2020;26(3_suppl):43-117. doi:10.1177/1352458520974938

2. J. Erakovic, B. Vujovic, D. Milikic, S. Perunicic, Z. Idrizovic, **M. Roganovic**, L. Radulovic *Diagnosis-to-treatment interval has implication on quality of life of patients with multiple sclerosis in Montenegro*. *MSVirtual 2020 – Poster Abstracts*. *Multiple Sclerosis Journal*. 2020;26(3_suppl):118-659. doi:10.1177/1352458520974937

3. J. Erakovic, B. Vujovic, D. Milikic, S. Perunicic, Z. Idrizovic, **M. Roganovic**, L. Radulovic *Diagnosis-*

to-treatment interval is an important factor on the productivity of multiple sclerosis patients in Montenegro. MSVirtual 2020 – Poster Abstracts. Multiple Sclerosis Journal. 2020;26(3_suppl):118-659. doi:10.1177/1352458520974937

4. M. Bigovic, J. Jovanovic, H. Majstorovic, S. Pantovic, **M. Roganovic**, Lj. Ivanovic, D. Djurovic, M. Popovic *Determination of proteins and carbohydrates in Igalo bay peloid (Montenegro)* Serbian Biochemical Society Ninth Conference with international participation, University of Belgrade, 14-16. 11. 2019. Belgrade, Republic of Serbia

5. M. Bigovic, **M. Roganovic**, I. Milasevic, D. Djurovic, V. Slavic, V. Kastratovic, S. Pantovic *The Content of Heavy metals in the Igalo peloid and Calculation of Environmental Parameters* 8th International Symposium of Ecologists – ISEM 8, 2-5. October 2019, Budva, Montenegro

6. M. Bigovic, V. Kastratovic, S. Pantovic, **M. Roganovic**, I. Milasevic, Lj. Ivanovic, D. Djurovic, V. Slavic, M. Kosovic, M. Vlahovic *Determination of fatty and amino acids in Igalo bay peloid (Montenegro)* 9th International Conference of the Chemical Societies of the South-East European Countries, 8-11. May 2019, Targoviste, Romania

7. S. Pantović, M. Bigović, D. Đurović, V. Slavić, **M. Roganović** *Farmaceutski značaj hemijskih komponenti Igalskog peloida*, Treći kongres farmaceuta Crne Gore sa međunarodnim učešćem, 9-12. maj 2019. godine, Bečići, Budva, Crna Gora

8. S. Martinović, M. Đurović, S. Dizdarević, **M. Roganović**, S. Pantović *Knowledge and attitudes of the Montenegrin population about transplantation*, 15th International Biomedical Croatian Student Summit, April 2019, Zagreb, Croatia

9. T. Vojinović, Z. Potpara, J. Krivokapić, **M. Roganović**, S. Pantović, S. Ibrić *Utjecaj različitih adsorpcijskih nosača na brzinu otapanja karvedilola iz binarnih čvrstih disperzija*. VI hrvatski kongres farmacije s međunarodnim sudjelovanjem, april 2019, Dubrovnik, Republika Hrvatska

10. Pantović S, Bigović M, Đurović D, Milašević I, Slavić V, **Roganović M** *Balneološki značaj Igalskog peloida kroz njegovu fizičko-hemijsku karakterizaciju*, Peti Kongres Udruženja Fizijatara Crne Gore, Oktobar 2018, Igalo, Crna Gora

11. Bigović M, **Roganović M**, Milašević I, Đurović D, Kastratović V, Slavić V, Kosović M, Vlahović M, Perović S, Perović A, Potpara Z, Martinović M, Pantović S *Physico-Chemical Characterization of Igalo Bay Peloid (Republic of Montenegro) and Assessment of the Pollution in the Sampling Area*, 3rd International Congress of Chemist and Chemical Engineers of Bosnia and Herzegovina, October 2018, Sarajevo, Bosnia and Herzegovina

12. **M. Roganović**, E. Delević, O. Cmiljanić, S. Bojović, S. Vujšić *Knowledge and attitudes of Montenegrin students toward epilepsy: We need a change*, 14th International Biomedical Croatian Student Summit, April 2018, Zagreb, Croatia

13. E. Delević, **M. Roganović**, O. Cmiljanić, S. Bojović *Awareness, smoking – related attitudes and behavior among medical students in Montenegro*, 14th International Biomedical Croatian Student Summit, April 2018, Zagreb, Croatia

14. V. Bojović, A. Čelebić, T. Karadžić, S. Bojović, **M. Roganović** *Assessment of hyperlipidemia and obesity frequency in patients with ischemic coronary disease*, 5th Conference of the Association of General Practice / Family Medicine of South-East Europe, May 2017, Budva, Montenegro

15. V. Bojović, S. Bojović, **M. Roganović** *Frequency of prescribing parenteral therapy in primary health care office*, 5th Conference of the Association of General Practice / Family Medicine of South-

East Europe, May 2017, Budva, Montenegro

16. V. Bojović, G. Kosić, J. Njunjić, N. Todorović, S. Bojović, **M. Roganović** *Frequency assessment of hypertension in patients with ischemic coronary disease*, 5th Conference of the Association of General Practice / Family Medicine of South-East Europe, May 2017, Budva, Montenegro

17. V. Bojović, S. Bojović, **M. Roganović** *Analiza zadovoljstva ljekara zapošljenih u Domu zdravlja Nikšić*, Kongres ljekara Crne Gore, oktobar 2015. godine

18. V. Bojović, N. Todorović, S. Bojović, **M. Roganović** *Prikaz slučaja: Non Hočkin limfom – od dijagnoze do regresije*, Kongres ljekara Crne Gore, oktobar 2015. godine

19. B. Pajović, M. Radović, D. Mandić, V. Bošković, **M. Roganović**, M. Vuković *Kliničke i patološke korelacije fimoze i dijabetesa*, Kongres ljekara Crne Gore, oktobar 2015. godine

Other publications

1. S. Pantović, **M. Roganović**: *Biohemijski parametri i neželjena dejstva ljekova*. Bilten Farmaceutске komore Crne Gore, broj 9, april 2019. godina

2. B. Pajović, V. Bošković, **M. Roganović** *Prijevremena ejakulacija*, Medical, br. 72, str. 44-45

3. B. Pajović, V. Bošković, **M. Roganović** *Uzročnici karcinoma penisa i njihov značaj*, Medical, br. 76, str. 58

Reviewer activities

1. Reviewer of manuscript „Leucine-mediated α -amylase secretion depends on the activity of proteasome in pancreatic acinar cells of dairy calves” – Bioscience Reports, September 2018.

2. Reviewer of manuscript „Maggot protein ameliorates dextran sulfate sodium-induced ulcerative colitis in mice” - Bioscience Reports, October 2018.

Participation in scientific projects

1. Center of excellence for biomedical researches - CEBIMER 2020-2023, project host: Institute for physical medicine, rehabilitation and rheumatology „Dr Simo Milosevic” JSC Igalo; role: researcher

2. 3DP research and innovations for COVID-19, project holder: Faculty of Electrical Engineering, University of Montenegro; role: researcher

Clinical Trials experience

1. MUSICALE – 2019 – ongoing; role: investigator

Mentorships

1. Mentor to students Petar Brinić and Dušan Vukčević for the work on the topic "**Significance of the biochemical analysis of cerebrospinal fluid in neurological diagnostics**", X Winter School of Science, Research Station Lovćen, March 2018.

2. Mentor to student Aleksandar Kartal on the work on the subject of "**Alzheimer's Disease**", XI Winter School of Science, Research Station Lovćen, March 2019.