

## BIOGRAPHY

- Name, father's/mother's name and family name: **Dura, Jovan, Nakarada**
- Contact: djura@ffh.bg.ac.rs; +381 11 2630796; www.bioscope.ffh.bg.ac.rs
- Date and place of birth: 23.03.1987, Pančevo, Republic of Serbia
- Age: 36
- Citizenship: Serbian
- Research field and areas: EPR spectroscopy and imaging, antioxidants, reactive oxygen and nitrogen species, secondary metabolites, spin labeling
- Education:
  - Bachelor studies (University of Belgrade/Faculty of Chemistry), Bachelor with Honours in Chemistry, 2012, Final paper: 'Study on the electrochemical behavior of Cu(II) complexes with tetradentate Schiff bases'
  - Master studies (University of Belgrade/Faculty of Physical Chemistry), Master of Science in Physical Chemistry, 2013, Final paper: 'Chemical composition and anti-hydroxyl radical activity of volatile components of the freshwater bryozoan *Hyalinella punctata*'
  - PhD studies (University of Belgrade/Faculty of Physical Chemistry), PhD in Physical Chemistry, 2019, PhD thesis title: 'Antiradical activity of avarol: theoretical and experimental approach'
- Dates of appointments:
  - Research Trainee: 01.12.2016
  - Research Assistant: 18.01.2018
  - Research Associate: 28.01.2020
- Employment history: Faculty of Physical Chemistry, University of Belgrade, 01.12.2016 – present
- Project history:
  - Grant number III 41005 '*Biomarkers in neurodegenerative and malignant processes*', Ministry of Education, Science and Technological Development of the Republic of Serbia, 01.12.2016 – 2021.
  - '*Protein hydrogel for cancer theranostics*' – PHYCAT, Science fund of the Republic of Serbia, 2019 – 2022.
  - '*Reactive oxygen species derived from NADPH oxidases are responsible for the development of obesity, type 2 and gestational diabetes in murine high fat diet model*', Bilateral project Serbia-Germany, 2019 – 2021.
  - *SPINPROBES*, Bilateral project Serbia-France, 2020 – 2022.
  - Grant number 5455 '*Utilization of food industry waste for improving honey bee health and protecting the environment*' - Waste2ProtectBees, Science fund of the Republic of Serbia, 2023 – 2026.
- Membership in scientific organizations:
  - Serbian Biochemical Society (since 2020)
  - Serbian Plant Physiology Society (since 2015)
  - Serbian Society for Mitochondrial and Free Radical Physiology (since 2013)
  - Serbian Young Chemists' Club (since 2011)
- Links to the public pages:
  - ORCID: <https://orcid.org/0000-0002-0154-6430>

## List of publications

### Journal papers:

1. J. Vasić, D. Dimić, M. Antonijević, E. H. Avdović, D. Milenković, **Đ. Nakarada**, J. Dimitrić Marković, M. Molnar, M. Lončarić, D. Bešlo, Z. Marković, The Electronic effects of 3-methoxycarbonylcoumarin substituents on spectral, antioxidant, and protein binding properties, *International journal of molecular sciences*, 2023: 24(14), 11820, doi: 10.3390/ijms241411820, Category M21
2. S. Jaćimović, B. Kiproviski, P. Ristivojević, D. Dimić, **Đ. Nakarada**, B. Dojčinović, V. Sikora, N. Teslić, N. Đ. Pantelić, Chemical composition, antioxidant potential, and nutritional evaluation of cultivated sorghum grains: A combined experimental, theoretical, and multivariate analysis, *Antioxidants*, 2023: Category M21a
3. J. Božunović, M. Ivanov, J. Petrović, U. Gašić, **Đ. Nakarada**, M. Milutinović, N. Aničić, Z. Giba, D. Mišić, D. Stojković, Solvent system-guided extraction of *Centaurium spicatum* (L.) Fritch provides optimized conditions for the biological and chemical characteristics of the herbal extracts, *Molecules*, 2023: 16(2), 245, doi: 10.3390/ph16020245, Category M21
4. M. Milutinović, **Đ. Nakarada**, J. Božunović, M. Todorović, U. Gašić, S. Živković, M. Skorić, Đ. Ivković, J. Savić, N. Devrnja, N. Aničić, T. Banjanac, M. Mojović, D. Mišić, *Solanum dulcamara* L. berries: a convenient model system to study redox processes in relation to fruit ripening, *Antioxidants*, 2023: 12(2), 346, doi: 10.3390/antiox12020346, Category M21a
5. D. Milosavljević, V. Maksimović, J. Milivojević, **Đ. Nakarada**, M. Mojović, J. Dragišić Maksimović, Rich in phenolics-strong antioxidant fruit? Comparative study of 25 strawberry cultivars, *Plants*, 2022: 11(24), 3566, doi: 10.3390/plants11243566, Category M21
6. S. Marković, D. Kastratović, **Đ. Nakarada**, M. Mojović, Benefits of liposomal nonsteroid anti-inflammatory drugs, *Hosp. Pharmacol. Int. Multidiscip. J.* 2022:9: 1163-1169, doi: 10.5937/hpimj2202163M, Category M51
7. A. Vesković, **Đ. Nakarada**, O. Vasiljević, A. Dobrov, G. Spengler, É. Enyedy, V. B. Arion, A. Popović Bijelić, The Release of a Highly Cytotoxic Paullone Bearing a TEMPO Free Radical from the HSA Hydrogel: An EPR Spectroscopic Characterization, *Pharmaceutics*, 2022: 14: 1174, doi: 10.3390/pharmaceutics14061174, Category M21
8. S. Marković, **Đ. Nakarada**, M. Vuković, M. Mojović, D. Kastratović, Benzodiazepines consumption – Influence on traffic accidents, *Hosp. Pharmacol. Int. Multidiscip. J.* 2021:8: 1073-1082, doi: 10.5937/hpimj2103073M, Category M51
9. M. Krunić, B. Ristić, M. Bošnjak, V. Paunović, G. Tovilović-Kovačević, N. Zogović, A. Mirčić, Z. Marković, B. Todorović-Marković, S. Jovanović, D. Kleut, M. Mojović, **Đ. Nakarada**, O. Marković, I. Vuković, Lj. Haraji-Trajković, V. Trajković, Graphene quantum dot antioxidant and proautophagic actions protect SH-SY5Y neuroblastoma cells from oxidative stress-mediated apoptotic death, *Free Radic. Biol. Med.* 2021:177: 167-180, doi: 10.1016/j.freeradbiomed.2021.10.025, Category M21
10. S. Marković, **Đ. Nakarada**, M. Mojović, M. Beljić, M. Vuković, D. Kastratović, Sunshine Hours and Utilization of Benzodiazepines, *Hosp. Pharmacol. Int. Multidiscip. J.* 2021:8: 1032-1040, doi: 10.5937/hpimj2102032M, Category M51
11. **Đ. Nakarada**, S. Marković, M. Popović, M. Dimitrijević, A. Rakić, M. Mojović, Redox Properties of Grape Wine Skin Extracts from the Šumadija Region – An Electron Paramagnetic Resonance Study, *Hosp. Pharm. Int. Multidiscip. J.* 2021:8: 1004-1013, doi: 10.5937/hpimj2101004N, Category M51
12. M. Matijević, J. Žakula, L. Korićanac, M. Radoičić, X. Liang, L. Mi, J. Filipović Tričković, A. V. Šobot, M. N. Stanković, **Đ. Nakarada**, M. Mojović, M. Petković, M. Stepić, M. D. Nešić, Controlled killing of human cervical cancer cells by combined action of blue light and C-doped TiO<sub>2</sub> nanoparticles, *Photochem. Photobiol. Sci.*, 2021: doi: 10.1007/s43630-021-00082-2, Category M22.

13. D. Dimić, D. Milenković, E. Avdović, **Đ. Nakarada**, J. Dimitrić Marković, Z. Marković, Advanced oxidation processes of coumarins by hydroperoxyl radical: An experimental and theoretical study, and ecotoxicology assessment, *Chem. Eng. J.*, 2021: 424: 130331, doi: 10.1016/j.cej.2021.130331, Category M21a.
14. A. Vesković, **Đ. Nakarada**, A. Popović-Bijelić, A novel methodology for hydrogel water content determination by EPR: the basis for real-time monitoring of controlled drug release and hydrogel swelling and degradation, *Polym Test*, 2021: doi: 10.1016/j.polymertesting.2021.107187, Category M21.
15. A. Vesković, **Đ. Nakarada**, A. Pavićević, B. Prokić, M. Perović, S. Kanazir, A. Popović-Bijelić, M. Mojović, In Vivo/Ex Vivo EPR Investigation of the Brain Redox Status and Blood- Brain Barrier Integrity in the 5xFAD Mouse Model of Alzheimer's Disease, *Curr Alzheimer Res*, 2021: 18: doi: 10.2174/1567205018666210324121156, Category M22.
16. D. Dimić, **Đ. Nakarada**, M. Mojović, J. Dimitrić Marković, An Experimental and Theoretical Study of the Reactivity of Selected Catecholamines and Their Precursors Towards Ascorbyl Radical, *J. Serbian Soc. Comput. Mech.*, special issue, 2020: 1-12; doi: 10.24874/jsscm.2020.01.01, Category M24.
17. M. Matijević, **Đ. Nakarada**, X. Liang, L. Korićanac, L. Rajsiglova, L. Vannucci, M. Nešić, M. Vranješ, M. Mojović, L. Mi, I. Estrela-Lopis, J. Bottner, Z. Šaponjić, M. Petković, M. Stepić, Biocompatibility of TiO<sub>2</sub> nanospheroids as a potential photosensitizer in therapy of cancer, *J Nanopart Res*, 2020: 22: 175; doi: 10.1007/s11051-020-04899-3, Category M22.
18. **Đ. Nakarada**, B. Pejin, G. Tommonaro, M. Mojović. Liposomal integration method for assessing antioxidative activity of water insoluble compounds toward biologically relevant free radicals: example of avarol, *J Liposome Res*. 2019; doi: 10.1080/08982104.2019.1625378, Category M22.
19. **Đ. Nakarada**, B. Pejin, D. Dimić, A. Ivanović-Šašić, Z. Mojović, M. Mojović. Electrochemical and spectroscopic study of L-dopa interaction with avarol, *React Kinet Mech Cat*. 2019; 127: 219-229. doi: 10.1007/s11144-019-01575-z, Category M23.
20. M. Petković, **Đ. Nakarada**, M. Etinski. When hydroquinone meets methoxy radical: Hydrogen abstraction reaction from the viewpoint of interacting quantum atoms, *J Comput Chem*. 2018; 23: 1868-1877. doi: 10.1002/jcc.25359, Category M22.
21. **Đ. Nakarada**, M. Petković. Mechanistic insights on how hydroquinone disarms OH and OOH radicals, *Int J Quantum Chem*. 2018; 4: e25496. doi: 10.1002/qua.25496, Category M21.
22. **Đ. Nakarada**, M. Etinski, M. Petković. Using density functional theory to study neutral and ionized stacked thymine dimers, *J Phys Chem A*. 2016; 120: 7704-7713. doi: 10.1021/acs.jpca.6b06493, Category M21.
23. I. Cvijetić, M. Vitorović-Todorović, I. Juranić, **Đ. Nakarada**, M. Milosavljević, B. Drakulić. Reactivity of (E)-4-aryl-4-oxo-2-butenic acid phenylamides with piperidine and benzylamine: kinetic and theoretical study, *Monatsh Chem*. 2014; 145: 1297-1306. doi: 10.1007/s00706-014-1223-8, Category M22.
24. B. Pejin, **Đ. Nakarada**, M. Novaković, V. Tešević, A. Savić, K. Radotić, M. Mojović. Antioxidant volatiles of the freshwater bryozoan *Hyalinella punctata*, *Nat Prod Res*. 2014; 28: 1471-1475. doi: 10.1080/14786419.2014.905565, Category M22.

#### Conferences:

1. M. Jovanović, H. Waisi, S. Blagojević, V. Trajković, M. Daković, **Đ. Nakarada**, M. Mojović, EPR imaging: A convenient method for in vivo monitoring the efficacy of anti-inflammatory drugs, 10th IAPC meeting, Belgrade, Serbia, 4-6 September 2023, Book of abstracts, 54.

2. M. Matijević, L. Korićanac, **Đ. Nakarada**, J. Žakula, M. Stepić, M. Radoičić, M. Mojović, M. Petković, M. D. Nešić, Photosensitizer potential of doped and undoped nanostructured TiO<sub>2</sub>, IX International School and Conference on Photonics - PHOTONICA2023, Belgrade, Serbia, 28 August – 01 September, Book of abstracts, 36.
3. **Đ. Nakarada**, S. Marković, D. Kastratović, M. Mojović, Nanososač produžava kliničku upotrebu leka, *Nacionalni kongres XIV Nedelja bolničke kliničke farmakologije*, Beograd, Srbija, 24.-25. decembar 2022, 40-41; Category M64.
2. V. Vojnović, **Đ. Nakarada**, M. Mojović, Detection of cherry tomato redox status using EPR imaging, *8<sup>th</sup> Conference of Young Chemists of Serbia*, Belgrade, Serbia, 29th October 2022, 131; Category M64
3. M. Ćosić, M. Vujičić, M. Mojović, **Đ. Nakarada**, Z. Giba, A. Sabovljević, M. Sabovljević, Evaluation of ROS production in selected bryophytes during salt stress via EPR spectroscopy, *4<sup>th</sup> International Conference on Plant Biology*, Belgrade, Serbia, 6-8 October 2022, 47; Category M34
4. **Đ. Nakarada**, M. Andrejević, M. Mojović, Antiradical activity of liposome encapsulated Uncaria tomentosa extracts – an EPR study, *4<sup>th</sup> International Conference on Plant Biology*, Belgrade, Serbia, 6-8 October 2022, 117; Category M34
5. **Đ. Nakarada**, M. Mojović, EPR evaluation of Thymus pannonicus All. extracts antiradical activity, *4<sup>th</sup> International Conference on Plant Biology*, Belgrade, Serbia, 6-8 October 2022, 118; Category M34
6. M. Milutinović, **Đ. Nakarada**, J. Božunović, U. Gašić, S. Živković, J. Savić, M. Skorić, N. Devrnja, T. Banjanac, M. Todorović, M. Mojović, D. Mišić, Tissue-specific distribution of antioxidants during ripening of Solanum dulcamara L. fruits: the redox state alterations, *4<sup>th</sup> International Conference on Plant Biology*, Belgrade, Serbia, 6-8 October 2022, 126; Category M34
7. **Đ. Nakarada**, D. Milosavljević, J. Milivojević, J. Dragišić Maksimović, M. Mojović, Antiradical activity of new strawberry cultivar extracts incorporated into liposomes – An EPR study, in: *16th International Conference of Fundamental and Applied Aspects of Physical Chemistry*, Belgrade, Serbia, September 26-30, 2022, Proceedings, 557-560; Category M33
8. A. Vesković, A. Popović-Bijelić, **Đ. Nakarada**, Fatty acid binding to ovalbumin studied by EPR, *Regional biophysics conference*, Pecs, Hungary, 22-26 August 2022, P68; Category M34
9. D. Lutz, I. Stoyanova, A. Klymenko, M. Milošević, **Đ. Nakarada**, A. Pavićević, P. Andus, M. Mojović, Ghrelin-mediated regeneration and plasticity after nervous system injury, *Neurologia Croatica - Interational conference on neurological disorders and neurorestoration*, Dubrovnik, Croatia, May 19-22, 2022, 25; Category M34.
10. S. Marković, M. Mojović, **Đ. Nakarada**, D. Kastratović, Prednosti lipozomalnih antisteroidnih lekova, *Nacionalni kongres XIII Nedelja bolničke kliničke farmakologije*, Beograd, Srbija, 11.-12. decembar 2021, 36-37; Category M64.
11. S. Marković, D. Kastratović, M. Mojović, **Đ. Nakarada**, Razvoj novih oblika lekova donosi unapređenje farmakoterapiji, *Nacionalni kongres XIII Nedelja bolničke kliničke farmakologije*, Beograd, Srbija, 11.-12. decembar 2021, 38-39; Category M64.
12. **Đ. Nakarada**, V. Trajković, M. Mojović, Antiradical activity of graphene quantum dots enriched albumin hydrogel: An EPR study, *19th Young Researchers` Conference - Materials Science and Engineering*, Belgrade, Serbia, 1-3 December 2021, Book of abstracts, 2; Category M34.
13. **Đ. Nakarada**, M. Stojanović, Z. Dajić-Stevanović, M. Mojović, Antiradical activity of grape skin extracts - An EPR study, *7th Workshop - Specific Methods for Food Safety and Quality*, Belgrade, Serbia, 22 September 2021, Book of proceedings, pp. 87-90; Category M33.

14. A. Vesković, **Đ. Nakarada**, A. Popović Bijelić, Spin-labeled hydrogels for cell viability assessment by EPR, *SFRR-E 2021 annual meeting "Redox Biology in the 21st Century: A New Scientific Discipline"*, Belgrade, Serbia June 15-18, 2021, Book of abstracts, pp. 81; Category M34.
15. **Đ. Nakarada**, A. Vesković, A. Dobrov, V. B. Arion, A. Popović Bijelić, BSA hydrogels for EPR spin-labeled anticancer drug delivery, *31<sup>st</sup> Conference of the European Society for Biomaterials ESB 2021*, Porto, Portugal, September 5-9, 2021, Book of abstracts, pp. 1246-1247; Category M34.
16. D. Dimić, **Đ. Nakarada**, M. Mojović, Z. Marković, J. Dimitrić-Marković, „An experimental and theoretical study of the reactivity of selected catecholamines and their precursors towards ascorbyl radical“, *8<sup>th</sup> International Conference on Computational Bioengineering (ICCB2019)*, ISBN 978-86-81037-75-1 (UK), Belgrade, Serbia, September 4-6, 2019, Book of abstracts, pp. 74-75; Category M34.
17. D. Mladenović, A. Pavićević, **Đ. Nakarada**, A. Vesković, A. Popović-Bijelić, M. Mojović, Topical delivery of liposome encapsulated ascorbic acid - 2D EPR imaging study, *21<sup>st</sup> Central European NMR Symposium & Bruker Users Meeting*, ISBN 978-86-7220-100-0, Belgrade, Serbia, September 4-5, 2019, Book of abstracts, pp. 54-55; Category M34.
18. A. Pavićević, **Đ. Nakarada**, A. Vesković, M. Lakočević, A. Popović-Bijelić, M. Mojović, Assessment of protein membrane biophysical properties by EPR spin-labeling methodology, *21<sup>st</sup> Central European NMR Symposium & Bruker Users Meeting*, ISBN 978-86-7220-100-0, Belgrade, Serbia, September 4-5, 2019, pp. 24-25; Category M34.
19. A. Pavićević, **Đ. Nakarada**, A. Vesković, S. Kanazir, M. Mojović, A. Popović-Bijelić, Using low temperature x-band spectroscopy to study mitochondrial dysfunction, *21<sup>st</sup> Central European NMR Symposium & Bruker Users Meeting*, ISBN 978-86-7220-100-0, Belgrade, Serbia, September 4-5, 2019, pp. 26-27; Category M34.
20. A. Vesković, A. Pavićević, **Đ. Nakarada**, B. Prokić, M. Perović, S. Kanazir, A. Popović-Bijelić, M. Mojović, Evaluation of in vivo oxidative status by l-band EPR spectroscopy, *21<sup>st</sup> Central European NMR Symposium & Bruker Users Meeting*, ISBN 978-86-7220-100-0, Belgrade, Serbia, September 4-5, 2019, pp. 28-29; Category M34.
21. A. Vesković, J. Kostić, **Đ. Nakarada**, A. Pavićević, M. Mojović, A. Popović-Bijelić, Novel application of EPR spectroscopy for monitoring of PLGA particles biodegradation, *21<sup>st</sup> Central European NMR Symposium & Bruker Users Meeting*, ISBN 978-86-7220-100-0, Belgrade, Serbia, September 4-5, 2019, Book of abstracts, pp. 46-47; Category M34.
22. **Đ. Nakarada**, A. Vesković, A. Pavićević, A. Popović-Bijelić, B. Pejin, M. Mojović, The unrevealed potential of liposomal integration method and EPR spectroscopy in studies of antiradical activity of compounds poorly soluble in water, *21<sup>st</sup> Central European NMR Symposium & Bruker Users Meeting*, ISBN 978-86-7220-100-0, Belgrade, Serbia, September 4-5, 2019, pp. 36-37; Category M34.
23. A. Vesković, J. Kostić, D. Mladenović, **Đ. Nakarada**, Application of EPR spectroscopy for in vitro studies of PLGA particles degradation, *12<sup>th</sup> International scientific conference on Contemporary materials*, ISBN 978-99976-42-30-1, Banja Luka, Bosnia and Herzegovina, September 1-3, 2019, Book of proceedings, 29-40; Category M33.
24. **Đ. Nakarada**, *Dysidea avara* as a natural source of a potent free radical scavenger – an EPR study, *Global Food Science Student Competition*, Wuxi, China, November 14-18, 2018, pp. P07; Category M34.
25. A. Radović, D. Dimić, **Đ. Nakarada**, J. Dimitrić Marković, Antioxidant and pro-oxidant properties of catecholamines and their metabolites towards hydroxyl radical, *6<sup>th</sup> Conference of the Young Chemists of Serbia*, ISBN 978-86-7132-072-6, Belgrade, Serbia, October 27th, 2018, pp. 9; Category M34.
26. **Đ. Nakarada**, B. Pejin, M. Mojović, Antiradical activity of avarol, *UNIFOOD Conference*, ISBN 978-86-7522-060-2, Belgrade, Serbia, October 5-6, 2018, pp. HZP18/FHP18; Category M34.

27. A. Popović-Bijelić, A. Pavićević, S. Stamenković, **Đ. Nakarada**, M. Jovanović, B. Prokić, M. Perović, S. Kanazir, P. Anđus, M. Mojović, Mitochondrial Fe-S clusters in neurodegenerative diseases, *4<sup>th</sup> Congress of the Serbian Society for Mitochondrial and Free Radical Physiology*, ISBN 978-86-912893-4-8, Belgrade, Serbia, September 28-30, 2018, pp. 29; Category M34.
28. A. Vesković, A. Pavićević, **Đ. Nakarada**, B. Prokić, M. Perović, S. Kanazir, M. Mojović, A. Popović-Bijelić, Aminoxyl spin probes as blood brain barrier integrity markers – still a challenge after 40 years, *14<sup>th</sup> International Conference of Fundamental and Applied Aspects of Physical Chemistry*, ISBN 978-86-82475-36-1, Belgrade, Serbia, September 24-28, 2018, pp. 451-454; Category M33.
29. **Đ. Nakarada**, A. Pavićević, A. Vesković, B. Pejin, A. Popović-Bijelić, M. Mojović, EPR determination of antioxidative activity of water-insoluble compounds towards biologically relevant radicals – example of avarol, *14<sup>th</sup> International Conference of Fundamental and Applied Aspects of Physical Chemistry*, ISBN 978-86-82475-36-1, Belgrade, Serbia, September 24-28, 2018, pp. 519-522; Category M33.
30. A. Radović, D. Dimić, **Đ. Nakarada**, J. Dimitrić Marković, EPR and theoretical investigation of hydroxyl radical scavenging of selected catecholamines, *14<sup>th</sup> International Conference of Fundamental and Applied Aspects of Physical Chemistry*, ISBN 978-86-82475-36-1, Belgrade, Serbia, September 24-28, 2018, pp. 479-482; Category M33.
31. **Đ. Nakarada**, A. Popović-Bijelić, A. Pavićević, S. A. Shevchenko, M. Mojović, Investigation of radical scavenging potential and total polyphenolic and flavonoid content of *Inonotus obliquus* extracts: EPR and UV-Vis study, *3<sup>rd</sup> International Conference on Plant Biology*, ISBN 978-86-912591-4-3, Belgrade, Serbia, June 9-12, 2018, pp. 111; Category M34.
32. A. B. Vesković, A. Pavićević, **Đ. Nakarada**, B. Prokić, S. Petričević, M. Perović, S. Kanazir, A. Popović-Bijelić, M. Mojović, The blood brain barrier integrity and the brain tissue redox status in the transgenic 5xFAD mouse model of Alzheimer's disease, *8<sup>th</sup> Regional Biophysics Conference*, ISBN 978-961-90942-4-2, Zreče, Slovenia, May 16-20, 2018, pp. PS-05; Category M34.
33. **Đ. Nakarada**, B. Pejin, Z. Mojović, M. Mojović, Electrochemical behavior of neurotransmitters in the presence of hydroquinone and avarol, *8<sup>th</sup> Regional Biophysics Conference*, ISBN 978-961-90942-4-2, Zreče, Slovenia, May 16-20, 2018, pp. PS-42; Category M34.
34. **Đ. Nakarada**, M. Petković, C. Iodice, G. Tommonaro, B. Pejin, A computational insight into antiradical activity of the marine natural product avarol, *3<sup>rd</sup> Congress of the Serbian Society for Mitochondrial and Free Radical Physiology*, ISBN 978-86-912893-3-1, Belgrade, Serbia, September 25-26, 2015, pp. 44; Category M34.
35. I. Petrešević, B. Pejin, **Đ. Nakarada**, N. Đorđević, V. Tešević, M. Mojović, J. Dimitrić-Marković, The correlation between total polyphenolic content and anti-DPPH radical activity of selected Vranac red wine samples, *3<sup>rd</sup> Congress of the Serbian Society for Mitochondrial and Free Radical Physiology*, ISBN 978-86-912893-3-1, Belgrade, Serbia, September 25-26, 2015, pp. 45; Category M34.
36. B. Pejin, **Đ. Nakarada**, T. Obradović, M. Sabovljević, Lj. Vujisić, M. Mojović, J. Dimitrić-Marković, The moss *Rhodobryum ontariense* volatiles may inspire new therapies in the treatment of hearth diseases including hypertension, *2<sup>nd</sup> International conference on plant biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society*, ISBN 978-86-912591-3-6, Petnica, Serbia, June 17-20, 2015, pp. 84; Category M34.
37. B. Pejin, **Đ. Nakarada**, M. Sabovljević, Lj. Vujisić, V. Tešević, V. Vajs, Thapsic acid, a rarely found natural product among bryophyte species, *2<sup>nd</sup> International conference on plant biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society*, ISBN 978-86-912591-3-6, Petnica, Serbia, June 17-20, 2015, pp. 98; Category M34.
38. B. Pejin, **Đ. Nakarada**, M. Lazović, A. Savić, M. Mojović, In vitro anti-hydroxyl radical activity of the sesquiterpenoid hydroquinone avarol using electron paramagnetic resonance spectroscopy, *5<sup>th</sup> CASEE Conference: 'Healthy Food Production and Environmental Preservation – the Role of Agriculture, Forestry and Applied Biology'*, ISBN 978-86-7520-97-4, Novi Sad, Serbia, May 25-27, 2014, pp. 52–53; Category M34.

39. B. Pejin, **D. Nakarada**, M. Novaković, Ž. S. Gorjanović, T. F. Pastor, M. Mojović, A. Savić, V. Tešević, A. Hegediš, I. Karaman, M. Horvatović, K. Radotić, D. Sužnjević, Antioksidativna aktivnost isparljivih komponenti *Hyalinella punctata* određena polarografijom sa jednosmernom strujom koristeći anodni talas vodonik-peroksida, *Drugi kongres srpskog Društva za mitohondrijalnu i slobodno-radikalnu fiziologiju*, ISBN 978-86-912893-2-4, Niš, Serbia, September 28th, 2013, pp. 50; Category M64.
40. B. Pejin, **D. Nakarada**, M. Novaković, A. Savić, V. Tešević, A. Hegediš, I. Karaman, M. Horvatović, K. Radotić, M. Mojović, Anti-hydroxyl radical activity of volatile natural products of the freshwater bryozoan *Hyalinella punctata* (Hancock 1850), *8<sup>th</sup> International Conference of the Chemical Societies of the South-East European Countries*, ISBN 978-86-7132-053-5, Belgrade, Serbia, June 27-29, 2013, pp. 84; Category M34.
41. I. Cvijetić, M. Vitorović-Todorović, I. Juranić, **D. Nakarada**, M. Radulović, B. Drakulić, Kinetic and mechanism of the addition of piperidine and benzylamine to the acrylamide phenylamides, *49<sup>th</sup> Meeting of the Serbian Crystallographic Society*, ISBN 978-86-7132-046-7, Kragujevac, Serbia, May 13-14, 2011, pp. 167–171; Category M63.