



# Miljana Đorđević

## Education

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- 2006–2011 *BSc degree in Chemistry*, Department of chemistry, Faculty of Science and Mathematics, University of Niš, Serbia
- 2011– *PhD in Chemistry*, Department of chemistry, Faculty of Science and Mathematics, University of Niš, Serbia

## Work experience

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- Research
- 2011-2012 Associate,
- 2012–2014 Research trainee and
- 2014– Research assistant in the framework of the research project “Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: way to biologically active agents”: 172061 approved and funded by the Ministry of Education, Science and Technological Development of Republic of Serbia
- Teaching assistant
- 2014–2015 Organic chemistry II class
- 2016– Organic polymer chemistry
- ## Prizes
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- 2010 The best graduate student of the Department of Chemistry, Faculty of Science and Mathematics in 2010
- 2012 IUPAC Poster Prize Certificate at the 50<sup>th</sup> Meeting of the Serbian Chemical Society
- 2012 EYCN poster award for the best poster at the First Conference of Young Chemists of Serbia

## Address

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## Date and place of birth

August 4<sup>th</sup>, 1987 Niš, Serbia

## Nationality

Serbian

## Languages

English (B2)

French (B1)

## Areas of interest

Phytochemistry (isolation, spectral characterization and biological activity of (volatile) secondary metabolites, essential oil constituents)  
Gass chromatography - mass spectrometry  
Organic synthesis  
NMR spectroscopy

## Institutional address

Višegradska 33, 18000 Niš, Serbia

## Other

Membership in the Serbian Chemical Society and Serbian Young Chemists' Club

Took part in the “European Researchers' Night 2014” - Scimfonicom project (Science in Motion for Friday Night Commotion 2014) funded by the Horizont 2020 program.

## Publication

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1. Radulović, N.S., Đorđević, M.R., Blagojević, P.D. (2016) Structural revision of aristol: a fresh look at the oxidative coupling of thymol under iodination conditions, *RSC Advances*, 6(73), 69067-69082.
2. Radulović, N.S., Filipović, S.I., Zlatković, D.B., Đorđević, M.R., Stojanović, N.M., Randelović, P.J., Mitić, K.V., Jevtović-Stoimenov, T.M., Randelović, V.N. (2016) Immunomodulatory pinguisane-type sesquiterpenes from the liverwort *Porella cordeana* (Porellaceae): the "new old" furanopinguisanol and its oxidation product exert mutually different effects on rat splenocytes, *RSC Advances*, 6(48), 41847-41860.
3. Radulović, N.S., Đorđević, M.R., Dekić, M.S., Blagojević, P.D. (2016) Chemical composition of the essential oil and diethyl ether extract of *Trinia glauca* (L.) Dumort. (Apiaceae) and the chemotaxonomic significance of 5-*O*-methylvisamminol; *Chemistry & Biodiversity*, 13(4), 403-415.
4. Radulović, N.S., Đorđević, M.R. (2014) Chemical Composition of the Tuber Essential Oil from *Helianthus tuberosus* L. (Asteraceae); *Chemistry & Biodiversity*, 11(3), 427-437.

## Conferences and Symposiums

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1. Filipović, S. I.; Radulović, N. S.; Zlatković, D. B.; Đorđević, M. R.; Randelović V. N. The "new old"  $\alpha$ -furanopinguisanol and its oxidation product from the essential oil of the liverwort *Porella cordaena* (Hub.) Moore (Porellaceae). In: *Programme, Book of Abstracts and Participants List of the 47<sup>rd</sup> International Symposium on Essential Oils*. Nice (France), September 11 - 14, 2016, pp. 77.
2. Stojanović, N. M.; Radulović, N. S.; Filipović, S. I.; Zlatković, D. B.; Đorđević, M. R.; Randelović, P. J.; Mitić, K. V.; Jevtović-Stoimenov T. M.; Randelović, V. N. Immunomodulatory activity of pinguisane-type sesquiterpenes from the essential oil of the liverwort *Porella cordaena* (Hub.) Moore (Porellaceae). In: *Programme, Book of Abstracts and Participants List of the 47<sup>rd</sup> International Symposium on Essential Oils*. Nice (France), September 11 - 14, 2016, pp. 139.
3. Radulović, N. S.; Filipović, S. I.; Zlatković, D. B.; Đorđević, M. R.; Stojanović, N. M.; Randjelović, P. J.; Mitić, K. V.; Jevtović-Stoimenov T. M.; Randelović, V. M. Structural revision of  $\alpha$ -furanopinguisanol. In: *18th Central and Eastern European NMR Symposium & Bruker Users' Meeting, Programme and Book of Abstracts*, September 18 – 20, 2016, Sofia, (Bulgaria), pp. 49.
4. Đorđević, M. R.; Radulović, N. S.; Dekić, M. S.; Blagojević, P. D. Identifying secondary metabolites of *Trinia glauca* (L.) Dumort. (Apiaceae) by a direct NMR analysis of a crude solvent extract. In: *18th Central and Eastern European NMR Symposium & Bruker Users' Meeting, Programme and Book of Abstracts*, September 18 – 20, 2016, Sofia, (Bulgaria), pp. 50.
5. Đorđević, M. R.; Radulović, N. S.; Stojanović, N. M.; Stojanović-Radić, Z. Chemical composition of the essential oil of *Heracleum sphondylium* L. (Apiaceae) from the settings of the city of Niš (SE Serbia). In: *Book of abstracts, 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions*. Kopaonik, June 16 – 19, 2016, pp. 121.
6. Radulović, N. S.; Filipović, S. I.; Zlatković, D. B.; Đorđević, M. R. Revizija stereohemije furanopingvizanola, In: *Book of abstracts, Fourth Conference of Young Chemists of Serbia*. Belgrade (Serbia), 5. November 2016., pp. 31.

7. Đorđević, M. R.; Radulović, N. S.; Blagojević, P. D. Structural revision of aristol: a new lateral oxidative coupling of thymol. In: *Program and Book of Abstracts of the 52<sup>th</sup> Meeting of the Serbian Chemical Society*. Novi Sad (Serbia), May 29 – 30, 2015, pp. 118.
8. Stojanović, N. M.; Radulović, N. S.; Randelović, P. J.; Đorđević, M. R. Antinociceptive activity of *Amorpha fruticosa* L. (Fabaceae). In: *Natural Volatiles & Essential Oils, List of the 46<sup>rd</sup> International Symposium on Essential Oils*. Lublin (Poland), September 13 - 16, 2015, pp.134.
9. Radulović, N. S.; Đorđević, M. R.; Vukićević, M. D.; Vukićević, R. D. Volatiles of *Trinia glauca* L. Dumort. (Apiaceae). In: *Natural Volatiles & Essential Oils, List of the 45<sup>rd</sup> International Symposium on Essential Oils*. Istanbul (Turkey), September 7 - 10, 2014, pp. 201.
10. Radulović, N.; Stojanović-Radić, Z.; Stojanović, N.; Đorđević, M. Antimicrobial activity of the essential oil of *Heracleum sphondylium* L. (Apiaceae): synergistic interactions of individual constituents, cell membrane damaging and antibiofilm activities. In: *Natural Volatiles & Essential Oils, of the 45<sup>rd</sup> International Symposium on Essential Oils*. Istanbul (Turkey), September 7 - 10, 2014, pp. 260.
11. Radulović, N. S.; Đorđević, M. R. Long chain 5-alkylresorcinols from *Scilla bifolia* L. In: *Book of Abstracts of the 23<sup>rd</sup> Congress of Chemists and Technologists of Macedonia*. Ohrid (Republic of Macedonia), October 8 - 11, 2014, pp. 53.
12. Đorđević, M. R.; Radulović, N. S. Chemoselective bioreduction of ferrocenyl chalcones by the yeast *Saccharomyces cerevisiae*. In: *Program and Book of Abstracts of the 51<sup>th</sup> Meeting of the Serbian Chemical Society*. Niš (Serbia), June 5 – 7, 2014, pp. 61.
13. Cvetković, V.; Mitrović, T.; Stamenković, S.; Stojadinović, B.; Jovanović, B.; Đorđević, M.; Radulović, N. Toxicity of a commonly used solvent dimethyl sulfoxide against *Drosophila melanogaster* larvae: Determination of LC50, LOEC and NOEC values. In: *Book of abstracts of the 11<sup>th</sup> Symposium on the Flora of Southerneastern Serbia and Neighboring Regions*. Vlasina Lake (Serbia), June 13 – 16, 2013, pp. 71.
14. Radulović, N. S.; Đorđević, M. R. Chemical composition of tuber essential oil from *Helianthus tuberosus* L. (Asteraceae). In: *Program, Book of Abstracts and Participants List of the 43<sup>rd</sup> International Symposium on Essential Oils*. Lisboa (Portugal), September 5 - 8, 2012, pp. 66.
15. Radulović, N. S.; Đorđević, M. R.; Blagojević, P. D. Alkamides from *Achillea serbica* Nym. (Asteraceae) root essential oil. In: *Program, Book of Abstracts and Participants List of the 43<sup>rd</sup> International Symposium on Essential Oils*. Lisboa (Portugal), September 5 - 8, 2012, pp. 96.
16. Radulović, N. S.; Đorđević, M. R. Hemijski sastav etarskog ulja gomolja biljne vrste *Helianthus tuberosus* L. (Asteraceae), In: *Program and Book of Abstracts of the First Conference of Young Chemists of Serbia*. Belgrade (Serbia), October 19 - 20, 2012, pp. 20.
17. Radulović, N. S.; Đorđević, M. R. Synthesis of mono- and diiodo-derivatives of *N*-(4-methoxyphenethyl)amide as model compounds of tyramine metabolites of marine organisms of the genus *Didemnum*. In: *Program and Book of Abstracts of the 50<sup>th</sup> Meeting of the Serbian Chemical Society*. Belgrade (Serbia), June 14 – 15, 2012, pp. 158.