

PERSONAL INFORMATION



Milan Nešić

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Sex Male | Date of birth 13/03/1991 | Nationality Serbian

WORK EXPERIENCE

April 2018 – Teaching Assistant

Faculty of Science and Mathematics, University of Niš, Serbia; www.pmf.ni.ac.rs

Teaching: laboratory practise in Medicinal chemistry, Preparative organic chemistry, Organic Synthesis, Secondary Metabolites.

September 2016 – April 2018 Junior Researcher

Faculty of Science and Mathematics, University of Niš, Serbia; www.pmf.ni.ac.rs

EDUCATION

2015 - PhD studies in Chemistry – Organic chemistry and biochemistry

Studies at Faculty of Science and Mathematics, University of Niš, Serbia

2013 – 2015 Master degree in Chemistry – Research and development

Studies at Faculty of Science and Mathematics, University of Niš, Serbia

▪ Master thesis title: "A new synthesis of acetals from aldehydes and ketones using $\text{PPh}_3\text{-CCl}_4$ ", supervised by professor Dr. Niko Radulović

2010 – 2013 BSc degree in Chemistry

Studies of chemistry at Faculty of Science and Mathematics, University of Niš, Serbia

2006 – 2010 High School "Stevan Jakovljević", Vlasotince, Serbia

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Communicational / organisational skills

- Good communication skills acquired through experience as a teaching assistant and researcher, as well as, in training Serbian high-school students for the "International Chemistry Olympiad"
- Good organisation skills gained through the organisation of:
 - summer workshops for students from abroad
 - state and local competitions in chemistry for high-school students

- Job-related skills**
- Good command of general synthetic, separation, isolation and purification techniques
 - Good command of methods for the elucidation of the structure of organic compounds (UV-Vis, GC-MS, IR and NMR)
 - Good expertise in the analysis of essential oils and plant waxes (using GC-MS, GC-FID and 1D- and 2D-NMR)
 - Good skills in biological activity evaluation (e.g. inhibition of acetylcholinesterase, anti-inflammatory, antinociceptive and anxiolytic activity)
- Computer skills**
- Good computer expertise with MS Office tools (Word, Excel, Power Point, etc) and chemistry dedicated software (ChemBioOffice, MestReNova, WinDNMR, AMDIS/NIST, Origin)
 - Good command of web research tools (SciFinder, Scopus)
- Driving licence**
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ADDITIONAL INFORMATION

- Projects**
- National research projects:
- Combinatorial Libraries of Heterogeneous Catalysts, Natural Products, Modified Natural Products and Analogues: The Approach to New Biologically Active Agents (05/2016 -).
- Memberships**
- Serbian Young Chemists' Club
 - International Association for the Exchange of Students for Technical Experience

ANNEXES

- Publications in international SCI-journals with peer review;
- Other Publications;
- International Conferences;
- National Conferences;
- Honours and Awards.

Publications in international SCI-journals with peer review

- **M. S. Nešić**, N. S. Radulović, Diverse acetals from stoichiometric amounts of aldehydes and alcohols under very mild conditions: a new twist to PPh₃-CCl₄ reagent combination, *RSC Advances* 2016, 6, 93068 - 93080. (DOI: 10.1039/C6RA19980A).
- N. Radulović, M. Stevanović, **M. Nešić**, N. Stojanović, P. Ranđelović, V. Ranđelović, Constituents of *Bupleurum praealtum* and *Bupleurum veronense* with Potential Immunomodulatory Activity, *J. Nat. Prod.* 2020. (DOI: 10.1021/acs.jnatprod.0c00437)

Other Publications

- **M. S. Nešić**, N. S. Krstić, R. S. Nikolić, Bakar u živom svetu, *Hemijski pregled*, Januar, 2015, p 17-22.

International Conferences

- **M. S. Nešić**, M. D. Stevanović, N. S. Radulović, Mosher esters of α -hydroxyesters: Absolute configuration via NMR. In: Program and Book of Abstracts of the Central and Eastern European NMR Symposium and Bruker Users' Meeting, Sept, 5-8, 2017.
- M. D. Stevanović, **M. S. Nešić**, N. S. Radulović, Essential-oil components of *Bupleurum praealtum* L. Synthesis and spectral characterization of a rare perillyl ester. In: Program and Book of Abstracts of the International symposium on essential oils, Sept, 10-13, 2017.
- M. D. Stevanović, **M. S. Nešić**, N. S. Radulović, The first report on the chemical composition of the inflorescence essential oil of *Eupatorium cannabinum* L. from Serbia. In: Program and Book of Abstracts of the International symposium on essential oils, Sept, 10-13, 2017.
- N. M. Stojanović, P. J. Ranđelović, M. Z. Živković, **M. S. Nešić**, M. S. Genčić, N. S. Radulović, Influence of *Hypericum perforatum* essential oil on the mice central nervous system, In: Program and Book of Abstracts of the 46th International Symposium on Essential Oils, Lublin (Poland), September 13-16, 2015, pp 82.
- N. M. Stojanović, P. J. Ranđelović, M. Z. Živković, **M. S. Nešić**, M. S. Genčić, N. S. Radulović, Influence of *Hypericum perforatum* essential oil alters experimentally induced anxiety in mice, In: Program and Book of Abstracts of the Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik (Serbia), June 16-19, 2016, pp 104-105.
- **M. S. Nešić**, M. D. Stevanović, S. I. Filipović, N. S. Radulović, What to do with old, autooxidized tetrahydrofuran? Simple, make a perfume out of it. In: Program and Book of Abstracts of the International symposium on essential oils, Nice (France) September, 11-14, 2016.
- **M. S. Nešić**, M. D. Stevanović, N. S. Radulović, NMR spectra assignment of diastereomeric tetrahydrofuranyl acetals directly from mixture of diastereomers using spectral simulation In: Program and Book of Abstracts of the Central and Eastern European Bruker Users' Meeting, Sofia (Bulgaria), September, 18-20, 2016.
- **M. S. Nešić**, M. D. Stevanović, M. Đorđević, N. S. Radulović, The content of α - and β - thujones in essential oils: q-NMR approach. In: Program and Book of Abstracts of the International symposium on essential oils (Facta Universitatis, Series Physics, Chemistry and Technology Vol. 16, No 1, Special Issue), September, 13-16, 2018.
- **M. S. Nešić**, N. M. Stojanović, P. J. Ranđelović, N. S. Radulović, Effects of acorenone-type *Acorus Calamus* essential oil on rat gastric fundus contractions and intestinal transit. In: Program and Book of Abstracts of the International symposium on essential oils (Facta Universitatis, Series Physics, Chemistry and Technology Vol. 16, No 1, Special Issue), September, 13-16, 2018.
- **M. Nešić**, D. Antić, N. Radulović, Structure elucidation of new monoterpene dimers from the essential oil of French marigold (*Tagetes patula* L.). In: Program and Book of Abstracts of the International symposium on essential oils, Vienna, Austria, September, 9-11, 2019.

National Conferences

- **M. S. Nešić**, N. S. Radulović, A new synthesis of acetals from aldehydes and ketones using PPh₃-CCl₄ in: Program and book of abstracts of 51st meeting of the Serbian Chemical Society and 21st conference of the young chemists of Serbia, Niš (Serbia), June 5-7, 2014, pp 141.

Honours and Awards

- Elementary and high school competitions: over 40 regional (twelve 1st places), 8 national competitions, three 1st places, one 3rd, 4th and 6th place in chemistry, physics and geography.
- Annual Award of Serbian Chemical Society for success during studies.
- Award of University of Niš for the best student of University of Niš (2014 – best bachelor student, 2016 – best master student)
- City of Niš award for the best student of Faculty of Science and Mathematics (2013/14)
- City of Niš award for the best graduated master student of Faculty of Science and Mathematics (2014/15)

- Nenad S. Kostić foundation award for successful master theses (2016)
- Ana Bjeletić and Ivan Marković foundation award for the best graduated master chemistry student at Faculty of Science and Mathematics, University of Niš (2016)
- Special Poster Prize Prof. Valentin Dimitrov on 18th Central and Eastern European NMR Symposium and Bruker Users' Meeting (2016)