

PERSONAL INFORMATION



Jelena Aksić

 Bul. dr Zorana Đinđića 99/7, 18000 Niš, Serbia

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Sex Female | Date of birth 19/09/1994 | Nationality Serbian

WORK EXPERIENCE

March 2019 - ongoing

Junior Research Assistant

Faculty of Sciences and Mathematics, University of Niš, Serbia

- Synthesis, spectral characterization and evaluation of biological activities of natural products
- Synthesis of potentially bioactive ferrocene-containing molecules

EDUCATION

2018 - ongoing

PhD in Chemistry – Organic chemistry and biochemistry

Doctoral studies at the Faculty of Sciences and Mathematics, University of Niš, Serbia

2016 - 2018

MSc degree in Chemistry

Studies of chemistry at the Faculty of Sciences and Mathematics, University of Niš, Serbia

Master's thesis title: "Chemical composition and biological activity of *Helichrysum italicum* (Roth) G. Don (Asteraceae) essential oils"

2013 - 2016

BSc degree in Chemistry

Studies of chemistry at the Faculty of Sciences and Mathematics, University of Niš, 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

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 skills in biological activity evaluation (eg. 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 softwares (ChemBioOffice, MestReNova, WinDNMR, AMDIS/NIST)
- Good command of web research tools (SCI finder, Scopus)
- Good command in multivariate statistical analysis (XLSTAT)

Driving licence

- B

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 (03/2019 – 12/2019).

ANNEXES

- Publications
- International Conferences;
- National Conferences;
- Honours and Awards.

Publications

1. M. Ivanović, S. Tošić, S. Mitić, M. Petrović, **J. Aksić**. Mineral profile of some dried fruits. In: *Zbornik radova, Vol. 21. No. 23, pp. 277-282 – XXI Savetovanje o biotehnologiji, Čačak (Serbia), Mar. 11-12, 2016*

International Conferences

1. **J. Aksić**, M. Genčić, M. Živković-Stošić, N. Radulović. New volatile free fatty acids from Balcan immortelle essential oil. In: *Book of Abstracts of the 50th International Symposium on Essential Oils (ISEO 2019), Vienna, Austria, Sept. 08-12, 2019, PP109.*
2. **J. Aksić**, M. Genčić, M. Živković-Stošić, Nikola Stojanović, N. Radulović. Effects of immortelle essential oil on macrophage NO production. In: *Book of Abstracts of the 50th International Symposium on Essential Oils (ISEO 2019), Vienna, Austria, Sept. 08-12, 2019, YS PP07.*
3. **J. Aksić**, M. Genčić, N. Radulović, N. Baldovini. Complete assignment of 1H and 13C NMR spectra of italdione I. In: *Book of Abstract of the 21st Central European NMR Symposium & Bruker Users Meeting (CEUM 2019), Belgrade, Serbia, Sept. 04-05, 2019, P17.*
4. M. Genčić, **J. Aksić**, M. Živković, N. Stojanović, Z. Stojanović-Radić, N. Radulović. Antimicrobial and anti-inflammatory potential of different immortelle essential-oil chemotypes. In: *Facta Universitatis, Series: Physics, Chemistry and Technology, Vol. 16. No. 1, 2018 – Special Issue devoted to 49th International Symposium on Essential Oils (ISEO2018), Niš (Serbia), Sept. 13-16, 2018, PP9.*
5. M. Genčić, **J. Aksić**, M. Živković, M. Đorđević, M. Mladenović, N. Radulović. New neryl esters from Helichrysum italicum essential oil. In: *Facta Universitatis, Series: Physics, Chemistry and Technology, Vol. 16. No. 1, 2018 – Special Issue devoted to 49th International Symposium on Essential Oils (ISEO2018), Niš (Serbia), Sept. 13-16, 2018, PP8.*

National Conferences

1. **J. Aksić**, M. Genčić, Nikola Stojanović, N. Radulović. Effects of immortelle essential oil on macrophage NO production. In: *Program and Book of Abstracts of the Seventh Conference of the Young Chemists of Serbia, Belgrade (Serbia), Nov. 02, 2019, BB PP 01.*
2. M. Genčić, **J. Aksić**, M. Živković, N. Radulović. New neryl esters from Helichrysum italicum essential oil. In: *Program and Book of Abstracts of the Sixth Conference of the Young Chemists of Serbia, Belgrade (Serbia), Oct. 27, 2018, HA03 P1.*

Honours and Awards

- Annual Award of the Serbian Chemical Society for outstanding success during the studies for the 2017 year
- Nenad M. Kostić Foundation Award for the best master's thesis in chemistry at the universities of Serbia for the 2018/19 school year
- "Ana Bjeletić i Ivan Marković" Foundation Award for the best master's student in chemistry at the Faculty of Sciences and Mathematics for the 2018/19 school year
- Scholarship of the Ministry of Education of the Republic of Serbia for gifted students (2017-2019)
- Scholarship of the Foundation for Young Talents – Dositeja for the 2015/16 school year