

PERSONAL INFORMATION

Sonja Filipovic



📍 Mojkovacka 5/5 37000 Krusevac, Serbia

☎ ++381 37 490052 📠 ++381 65 6458119

✉ sonjafilipovic86@yahoo.com

Sex Female | Date of birth 14/10/1986 | Nationality Serbian

WORK EXPERIENCE

August 2013 – August 2014

Pharmacist

Pharmaceutical institution Krusevac, Krusevac, Serbia; apkedrovic@gmail.com

- Professional internship in a pharmacy as a pharmacist, with the main production of pharmaceutical preparations, as a pharmacist in a hospital pharmacy and laboratories for the production of galenic drugs

December 2013

Junior Researcher

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

Research: isolation/synthesis, spectral characterization and evaluation of biological activities of natural products; development of new analytical methods for structure elucidation of natural products in inseparable complex mixtures; chemotaxonomy, phytochemistry (more specifically the volatile secondary metabolites).

December 2013

PhD Student – Researcher

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

Scholarship of the Ministry of Education and Science of the Republic of Serbia for the inclusion of PhD students in research projects

EDUCATION

2005/6 – 2013

BSc degree in Pharmacy

Studies of pharmacy at Faculty of Pharmacy, University of Belgrade, Serbia

2001 – 2005

High School “Gymnasium Krusevac”, Krusevac, Serbia

Department of Natural Sciences, Gymnasium Krusevac, Serbia

1995 – 2001

Music school “Stevan Hristic”, Krusevac, Serbia

Piano department in the class of professor Javorka Jovanovic

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 and organisation skills acquired through experience in working with patients as a pharmacist and researcher, also through my public music performances as a pianist, solo singer and singer in choirs and as leader of many theatre and charitable events.
- Responsible, dependable, teachable, initiative, persistent, dedicated, cooperative, people-oriented, communicative, well-organized, multitasking, optimistic

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. Preparation and culture of rat spleen cells.inhibition of acetylcholinesterase, MTT, NR, TB assays...)

Computer skills

- Good computer expertise with MS Office tools (Word, Excel, Power Point, etc) and chemistry dedicated software (ChemBioOffice, MestReNova, WinDNMR, AMDIS/NIST)
- Good command of web research tools (SciFinder, Scopus)

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 (01/2011-).

Referees

Dr. Radulović S. Niko

Full Professor at University of Niš

Faculty of Sciences and Mathematics, Department of Chemistry

Višegradska 33, 18000 Niš, Serbia

Tel (fax) +381 18 533014

Mob.: +381 62 80 49 210

e-mail: nikoradulovic@yahoo.com

Publications in international SCI-journals with peer review

1. N. S. Radulovic, **S. I. Filipovic**, D. B. Zlatkovic, M. R. Đorđević, N. M. Stojanovic, P. J. Randjelovic, K. V. Mitic, T. M. Jevtovic-Stoimenovd and V. N. Randelovic (2016): Immunomodulatory pinguisane-type sesquiterpenes from the liverwort *Porella cordaeana* (Porellaceae): the "new old" furanopinguisanol and its oxidation product exert mutually different effects on rat splenocytes; RSC Adv., 2016, 6, 41847 ; DOI: 10.1039/c6ra04308a.
2. D. M. Djordjevic, A. Radivojevic, I. M. Filipovic, M. A. Pavlovic, M. G. Djordjevic, M. N. Stankovic, **S. I. Filipovic** (2014): Preliminary geochemical investigation of karst barre from eastern Serbia, case study Sokobanja basin, Bulgarian Chemical Communications, (pp.771-776)Vol.46.ISSN:0324-1130, Sofia, Bulgaria.

International Conferences

1. **Sonja I. Filipović**, Niko S. Radulović, Dragan B. Zlatković, Miljana R. Đorđević, Vladimir N. Ranđelović, The “new old” α -furanopinguisanol and its oxidation product from the essential oil of the liverwort *Porella cordaeana* (Hub.) Moore (Porellaceae), 47th International Symposium on Essential Oils (47th ISEO). September 11-14, 2016, Nice, France
2. **Sonja Filipović**, Niko S. Radulović, Milan Nešić, Milica Stevanović, What to do with old, auto-oxidized tetrahydrofuran? Simple, make a perfume out of it., 47th International Symposium on Essential Oils (47th ISEO). September 11-14, 2016, Nice, France
3. N. M. Stojanović, N. S. Radulović, **S. I. Filipović**, D. B. Zlatković, M. R. Đorđević, P. J. Randjelović, K. V. Mitić, T. M. Jevtović-Stoimenov, V. N. Ranđelović, Immunomodulatory activity of pinguisane-type sesquiterpenes from the essential oil of the liverwort *Porella cordaeana* (Hub.) Moore (Porellaceae), 47th International Symposium on Essential Oils (47th ISEO). Book of Abstracts, p. 139, PP95, September 11-14, 2016, Nice, France.
4. Niko S. Radulović, **Sonja I. Filipović**, Dragan B. Zlatković, Miljana R. Đorđević, Nikola M. Stojanović, Pavle J. Randjelović, Katarina V. Mitić, Tatjana M. Jevtović-Stoimenov and Vladimir N. Ranđelović, Structural revision of α -furanopinguisanol, 18th Central and Eastern European NMR Symposium & Bruker User’s Meeting. Book of abstracts, p.49, 18-20 September 2016, Sofia, Bulgaria.

National Conferences

1. **S. I. Filipović**, N. S. Radulović, Chemical composition of the leaf essential oil of *Crithmum maritimum* L. (Apiaceae) from Montenegro, 12th Symposium on the Flora of Southeastern Serbia and Neighboring Regions. Book of Abstracts, p. 102, June 16-19, 2016, Kopaonik, Serbia
2. M. Mladenović, N. S. Radulović, **S. I. Filipović**, The essential oil of *Achillea ageratifolia* (Sm.) Boiss. subsp. *serbica* (Nyman) Heimerl (Asteraceae) revisited: structural elucidation and synthesis of (new) sabinyl esters, 12th Symposium on the Flora of Southeastern Serbia and Neighboring Regions. Book of Abstracts, p. 103, June 16-19, 2016, Kopaonik, Serbia.

Awards

1. The best student of all ages in 2000 school year in “Vuk Karadzic” school, and the winner of St. Sava Award by the Ministry of Education, Science and Technological Development of Republic of Serbia and Montenegro