

**PERSONAL  
INFORMATION****Vesna Milovanović**

📍 Dr Đorđe Mitrović 28, Kragujevac, 34000, Serbia

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Sex Female Date of birth 09/10/1992 | Nationality Serbian

**WORK EXPERIENCE**

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January 2020-	Research Assistant at University of Kragujevac, Faculty of Science, Department of Chemistry.
January 2018-January 2020	Junior Researcher on the project OI 172016 (Synthesis, modeling, physicochemical and biological properties of organic compounds and corresponding metal complexes) supported by the Ministry of Education, Science and Technological Development of the Republic of Serbia.
October 24-November 23, 2016	Internship at the University Library in Kragujevac-Department of Procurement and Processing of Monographic Publications
August 8–31, 2015	Professional practice at the Institute for Public Health Kragujevac-Center for Hygiene and Human Ecology
2015-present	Tutoring private classes

**EDUCATION AND  
TRAINING**

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2016-present	Chemistry PhD student, University of Kragujevac, Faculty of Science, Department of Chemistry, Organic Chemistry, Kragujevac, Serbia WEB: <a href="http://www.pmf.kg.ac.rs">www.pmf.kg.ac.rs</a>
2015-2016	Master of Science degree, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia WEB: <a href="http://www.pmf.kg.ac.rs">www.pmf.kg.ac.rs</a>

- 2011-2015 Bachelor degree, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia  
WEB: [www.pmf.kg.ac.rs](http://www.pmf.kg.ac.rs)
- 2019-2020 Participation in the international project with Slovakia, supported by Ministry of Education, Science and Technological Development of the Republic of Serbia (*„Synergy of experiment and theory: antioxidative action of phenolic compounds derivatives*, project managers: Prof. Dr Zoran Marković (State University of Novi Pazar) and Lukeš (Slovenská technická univerzita v Bratislave)).
- November, 2016 Participation in the project "Young Journalists for Responsible Profession" supported by the Ministry of Culture and Information of the Republic of Serbia.
- 2015/2016 Participation in the campaign "My Planet Earth and Me" in cooperation with FCA Serbia

## PERSONAL SKILLS

**Mother tongue(s)**

Serbian

**Other language(s)**

English  
Deutsch

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
A1	A1	A1	A1	A1

**Communication and organisation skills**

communicative, team-worker, friendly, sociable, responsible, reliable, well-organized.

**Computer skills**

MS Office tools, Power Point, Chem Draw, OriginPro, Internet, Gaussian 09W, MestReNova

**Driving licence**

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**ADDITIONAL  
INFORMATION****Publications**

1. **Milovanović V.M.**, Petrović Z.D., Novaković S., Bogdanović G.A., Petrović V.P., Simijonović D., Green synthesis of benzamide-dioxoisindoline derivatives and assessment of their radical scavenging activity - Experimental and theoretical approach, *Tetrahedron*, (2020) 76: 131456. DOI: 10.1016/j.tet.2020.131456
2. **Milovanović V.**, Petrović Z.D., Novaković S., Bogdanović G.A., Simijonović D., Mladenović M., Branković J., Petrović V.P., Pyrazole derivatives of medically relevant phenolic acids: insight into antioxidative and anti-LOX activity, *Medicinal Chemistry (2020) in press*, DOI: 10.2174/1573406416666200602152643
3. **Milovanović V.**, Petrović Z.D., Novaković S., Bogdanović G.A., Simijonović D., Petrović V.P., Structural characterization of benzoyl-1H-pyrazole derivatives obtained in lemon juice medium: Experimental and theoretical approach, *J. Mol. Struct.*, (2019) 1195: 85-94. DOI: 10.1016/j.molstruc.2019.05.095
4. Petrović Z.D., Simijonović D., Đorović J., **Milovanović V.**, Marković Z., Petrović V.P., A new efficient domino approach for the synthesis of pyrazolyl-phthalazine-diones. Antiradical activity of novel phenolic products†, *RSC Adv.*, (2018) 8: 16663-16673. DOI: 10.1039/c8ra02702a
5. Petrović V.P., Simijonović D., **Milovanović V.**, Petrović Z., Acetophenone Mannich bases: study of ionic liquid catalysed synthesis and antioxidative potential of products, *R. Soc. open sci.*, (2018) 5: 181232, DOI: 10.1098/rsos.181232
6. Petrović Z.D., Simijonović D., Đorović J., **Milovanović V.**, Marković Z., Petrović V.P., One-Pot Synthesis of Tetrahydropyridine Derivatives: Liquid Salt Catalyst vs Glycolic Acid Promoter. Structure and Antiradical Activity of the New Products, *ChemistrySelect*, (2017) 2: 11187–11194. DOI: 10.1002/slct.201701873

**Conferences**

1. Simijonović D., Petrović Z.D., Radojević I.D., Čomić Lj.R., Petrović V.P., **Milovanović V.**, Antimicrobial activity of substituted pyrazoles, *Proceedings of ISER 210th International Conference*, Book of abstracts pp. 19-23, Florence, Italy, 19-20 July 2019.

2. **Milovanović V.M.**, Petrović Z.D., Simijonović D., Petrović V.P., Branković J., Antioxidant activity of chromeno-pyrimidine fused heterocycles obtained in green reaction, *Proceedings of ISER 210th International Conference*, Book of abstracts pp. 15-18, Florence, Italy, 19-20 July 2019.
3. Petrović V.P., **Milovanović V.**, Simijonović D., Petrović Z.D., Marković Z., Experimental and theoretical study of structure and antioxidant activity of some N'-benzylidene-3,4,5-trihydroxybenzohydrazides, *8th International Conference on Computational Bioengineering (ICCB2019)*, Belgrade, Serbia, 4-6 September, 2019, Book of abstracts p. 86.
4. **Milovanović V.**, Simijonović D., Petrović Z.D., Petrović V.P., Mechanistic study of three-component Mannich reaction and characterization of the products, *55th Meeting of the Serbian Chemical Society*, Novi Sad, Serbia June 8-9, 2018 Book of Abstracts OH P10 p. 98.
5. **Milovanović V.**, Petrović Z.D., Simijonović D., Petrović V.P., Green synthesis, structure and antioxidative activity of the highly functionalized tetrahydropyridines, *International Meeting on Medicinal and Bio(in)organic Chemistry*, Vrnjačka Banja, Serbia, August 26-31, 2017 Book of Abstracts p. 24.
6. Simijonović D., Petrović V.P., **Milovanović V.**, Petrović Z.D., Diastereoselective one-pot synthesis of vanillin-piperidine derivatives and investigation of their antioxidative activity, *53rd Meeting of the Serbian Chemical Society*, Kragujevac, Serbia June 10-11, 2016 Book of Abstracts OH P21 p. 120.

### Courses

CPD courses: School of gas chromatography/mass spectrometry (July 2-3, 2018), School of practical application of high-performance liquid chromatography (July 9, 2018), School of mass spectrometry primary and secondary metabolites (September 20, 2018)

### Honours and awards

3<sup>rd</sup> place in the science competition at the Primatijada in Bulgaria under the title "Synthesis of pyrazole-phthalazine hybrids in the presence of ionic liquids as a catalyst" (April 28-May 2, 2016)

Awards for best student on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year of Bachelor degree

Scholarship of Ministry of Education, Science and Technological

Development of the Republic of Serbia (Bachelor, Master and Doctoral studies)

Short-term research grant by the DAAD organisation (University of Münster, Germany, for period of 5 months (October 1<sup>st</sup> 2019-February 29<sup>th</sup>, 2020))