



PERSONAL INFORMATION

Angelina Petrović



 Vojvode Putnika 51/II/17, 34000, Kragujevac, Serbia

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 angelina.petrovic@pmf.kg.ac.rs

Sex Female | Date of birth 03/10/1993 | Nationality Serbian

WORK EXPERIENCE

01/2019–Present

Research trainee at PhD

University of Kragujevac, Faculty of Science, Department of Chemistry.
Radoja Domanovića 12, 34000 Kragujevac (Serbia)

Inorganic chemistry - Synthesis of new transition metal complexes, characterization and kinetic testing with small biomolecules (such as guanosine-5'-monophosphate, glutathione, L-methionine). Investigation of the interaction of newly synthesized complexes with DNA and serum albumin, using UV-vis spectroscopy, fluorimetry, and viscosity measurement. Examination of the substitution reactions of newly synthesized complexes in ionic liquids. Cytotoxicity determination of the newly synthesized complexes.

01/2019–Present

Employed on the project OI 172011 (Investigation of the mechanism of reactions of complex ions of transition metals with biologically significant molecules) supported by the Ministry of Education, Science and Technological development of the Republic of Serbia.

EDUCATION AND TRAINING

2018–Present

Chemistry PhD student

University of Kragujevac, Faculty of Science, Department of Chemistry
Radoja Domanovica 12, 34000 Kragujevac (Serbia)
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2017–2018

Master of Science degree

University of Kragujevac, Faculty of Science, Department of Chemistry
Radoja Domanovica 12, 34000 Kragujevac (Serbia)
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2012–2017

Bachelor degree in Chemistry

University of Kragujevac, Faculty of Science, Department of Chemistry
Radoja Domanovica 12, 34000 Kragujevac (Serbia)
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PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills communicative, teamcommunicative, team-worker, friendly, sociable, responsible, reliable, wellorganized

Driving licence B

ADDITIONAL INFORMATION

Publications **A. Z. Petrović, M. M. Milutinović, E. T. Petri, M. Živanović, N. Milivojević, R. Puchta, A. Scheurer, J. Korzekwa, O. R. Klisurić, J. Bogojeski,**
 Synthesis of Camphor-derived Bis-pyrazolopyridine Rhodium(III) Complexes: Structure–Reactivity Relationships and Biological Activity, *Inorganic Chemistry* (2019) 58, 307–319.
IF = 4.7

Conferences **Angelina Petrović, Milan M. Milutinović, Marko Živanović, Andreas Scheuer, Ralph Puchta, Olivera Klisurić, Jovana Bogojeski,**
Structure–reactivity relationship and biological activity of the camphor-derived of the bis-pyrazolopyridine Rh(III) complexes
55th MEETING OF THE SERBIAN CHEMICAL SOCIETY, 2018, Novi Sad, Serbia, June 8-9, MHP10

Angelina Petrović, Aleksandar Mijatović, Rada Baošić, Jovana Bogojeski
Interactions of copper(II) complexes of some Schiff base ligands with calf thymus DNA and bovine serum albumin
Sixth Conference of the Young Chemists of Serbia, 2018, Belgrade, Serbia, 27. oktober, MH13 PE 11

Angelina Z. Petrović, Dušan S. Čočić, Marko N. Živanović, Linus M. Kuckling*, Jovana V. Bogojeski
Interactions of the Rh (III) complex with DNA / protein; Testing the cytotoxicity of the complex
56th MEETING OF THE SERBIAN CHEMICAL SOCIETY, 2019, Niš, Serbia, June 7-8, NH P 4

Vera M. Divac, Angelina Z. Petrović, Kristina Z. Mihajlović, Jovana Bogojeski, Marina D. Kostić, Marko N. Živanović
Synthesis of New Pd(II) Complexes Bearing Organoselenium Ligands and Evaluation of Cytotoxic, Antimicrobial, Antioxidant Activity and DNA-binding studies
8th workshop of the Network SeS Redox & catalysis – (WSeS8), 2019, Perugia, Italia, May 30th - June 1st, P14

Jevtić V.V., Tomović D.Lj., Bukonjić A.M., Stanković A.S., Mijajlović M.Ž., Nikolić M.V., Mijailović Ž., Knežević S., Radić G.P., Bogojeski J.V., Petrović A.Z.
DNA AND BSA BINDING OF COPPER(II)-COMPLEXES WITH S-ISOALKYL DERIVATIVES OF THIOSALICYLIC ACID
XXI Mendeleev Congress on General and Applied Chemistry, 2019, Saint Petersburg, Russia, 9 – 13 September, Book 5: Abstracts. p. 150

- Memberships** Serbian Chemical Society
Serbian Young Chemists' Club
- Certifications** Certificate of Completion of CPD course – School of gas chromatography/mass spectrometry
Certificate of Completion of CPD course – School of high performance liquid chromatography