

**PERSONAL INFORMATION** Snežana Radisavljević

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Date of birth 06/10/1992 | Nationality Serbian

**WORK EXPERIENCE**

Work in the pharmacy	Professional practice in the state pharmacy, Čuprija, Serbia
Work with pupils	Chemistry for the seventh and eighth grade of elementary school (Inorganic and Organic chemistry)
Experience in work on devices	Uv-Vis, Stopped-flow spectrophotometry, NMR spectroscopy, IR spectroscopy, MS spectrometry, Fluorescence spectroscopy

**EDUCATION AND TRAINING**

10. 2018 – 04. 2019	DAAD Scholarship, Department of Chemistry and Pharmacy, Inorganic Chemistry, Friedrich-Alexander University Erlangen-Nürnberg (FAU), 91058 Erlangen, Germany.
2016-present	Chemistry PhD student, Faculty of Science, University of Kragujevac, Kragujevac, Serbia Department of Chemistry, Inorganic Chemistry, Research and Development Supervisor: Biljana Petrović (biljanap@kg.ac.rs) WEB: <a href="http://www.pmf.kg.ac.rs">www.pmf.kg.ac.rs</a>
2015-2016	Master of Science degree, Faculty of Science, University of Kragujevac, Kragujevac, Serbia Department of Chemistry, Research and Development WEB: <a href="http://www.pmf.kg.ac.rs">www.pmf.kg.ac.rs</a>

**PERSONAL SKILLS**

Communication and organisation skills	Initiative, kind, easily adjusted, persistent, communicative, team-worker, friendly, sociable, responsible, reliable, well-organized.
Computer skills	MS Office tools, Power Point, Chem Draw, OriginPro, Internet, Mestre Nova
Prizes	09.12.2018-11.12.2018 Women is Science – 1 <sup>st</sup> Erlangen Symposium, Erlangen, Germany, Poster presentation (P77): Snežana Radisavljević, Andreas Scheurer, Ralph Puchta, Biljana Petrović: New dinuclear and trinuclear gold (III) complexes: Synthesis, characterization and study of their interaction with DNA/BSA – PRIZE FOR THE BEST POSTER

Papers presented at national scientific conferences

**Snežana Radisavljević**, Milan M. Milutinović, Ana Rilak, Živadin D. Bugarčić  
 “Synthesis and characterization of new ruthenium (II) polypyridyl complexes and their interactions with DNA”  
 Fourth Conference of Young Chemists of Serbia  
 2016, Belgrade, Serbia, 5. November

**Snežana Radisavljević**, Ioannis Bratsos, Andreas Scheurer and Ana Rilak Simović  
 “New pincer-type gold(III) complexes: Synthesis, characterization and DNA binding studies”  
 25<sup>th</sup> Young Research Fellows meeting,  
 Orléans, France, 5-7 March 2018, P 47

**Snežana Radisavljević**, Dušan Čočić, Biljana Petrović,  
 “New dinuclear gold(III) complexes: Synthesis, characterization and study of their interactions with DNA/BSA”  
 55<sup>th</sup> Meeting of the Serbian Chemical Society,  
 8-9 Jun, 2018. Novi Sad, Serbia, pp. NH P 07

Dušan S. Čočić, **Snežana R. Radisavljević**, Snežana M. Jovanović, Biljana V. Petrović,  
 “The study of the nucleophilic substitution reactions of the new platinum (II) and palladium (II) complexes with some bio-relevant ligands”  
 55<sup>th</sup> Meeting of the Serbian Chemical Society,  
 8-9 Jun, 2018. Novi Sad, Serbia, pp. NH P 06

Milica Međedović, Dušan Čočić, **Snežana Radisavljević**, Biljana Petrović  
 “Investigation of the type of interactions between novel platinum(II) and palladium(II) complexes and DNA”  
 Sixth Conference of the Young Chemists of Serbia  
 2018, Belgrade, Serbia, 27. October

**Snežana Radisavljević**, Andreas Scheurer, Ralph Puchta, Biljana Petrović,  
 “New dinuclear and trinuclear gold(III) complexes: Synthesis, characterization and study of their interactions with DNA/BSA”  
 Women In Science – 1<sup>st</sup> Erlangen Symposium  
 9-11, December 2018, , Erlangen, Germany, P 77

**Snežana Radisavljević**, Ana Đeković Kesić, Biljana Petrović,  
 “New gold(III) complexes: Synthesis, characterization and study of their interactions with 5'-GMP, GSH and Met”  
 56<sup>th</sup> Meeting of the Serbian Chemical Society, Niš, Serbia, 7-8 June 2019, NH P 7

Dušan Čočić, **Snežana Radisavljević**, Biljana Petrović  
 “In *Silico* investigation type of interaction between Au(III) complexes and DNA/SA molecules”  
 27<sup>th</sup> SCT Young Research Fellows Meeting,  
 Caen, France, 29-31 January 2020, PO 13

Article in Journal of Biological Inorganic Chemistry

Petar Čanović, Ana Rilak Simović, **Snežana Radisavljević**, Ioannis Bratsos, Nicola Demitri, Marina Mitrović, Ivanka Zelen, Živadin D. Bugarčić  
 Impact of aromaticity on anticancer activity of polypyridyl ruthenium(II) complexes: synthesis, structure, DNA/protein binding, lipophilicity and anticancer activity  
**22** (2017) 1007-1028  
 DOI: [10.1007/s00775-017-1479-7](https://doi.org/10.1007/s00775-017-1479-7)  
 ISSN: 0949-8257

**Snežana Radisavljević**, Dušan Čočić, Snežana Jovanović, Biljana Šmit, Marijana Petković, Nevena Milojević, Nevena Planojević, Snežana Marković, Biljana Petrović  
 Synthesis, characterization, DFT study, DNA/BSA-binding affinity, and cytotoxicity of some dinuclear and trinuclear gold(III) complexes  
**24** (2019) 1057-1076  
 DOI: [10.1007/s00775-019-01716-8](https://doi.org/10.1007/s00775-019-01716-8)  
 ISSN: 0949-8257

Articles in Transition Metal Chemistry

**Snežana Radisavljević**, Ana Đeković, Snežana Jovanović Stević, Biljana Petrović  
 Study of the interactions between some monofunctional Au(III) complexes and sulphur donor nucleophiles: kinetic and mechanistic approach  
**43** (2018) 331-338  
 DOI: [10.1007/s11243-018-0221-9](https://doi.org/10.1007/s11243-018-0221-9)  
 ISSN: 0340-4285

Zana Besser Silconi, Saša Benazić, Jelena Milovanović, Milena Jurišević, Dragana Đorđević, Miloš Nikolić, Marina Z. Mijajlović, Ratković Zoran, Gordana P Radić, [Snežana Radisavljević](#), Biljana Petrović, Gordana Radosavljević, Marija Milovanović, Nebojša Arsenijević

DNA binding and antitumor activities of platinum (IV) and zinc (II) complexes with some S-alkyl derivatives of thiosalicylic acid

43 (2018) 719-729

DOI: [10.1007/s11243-018-0260-2](#)

ISSN: 0340-4285

Ana Popović, Miloš V. Nikolić, Marina Ž. Mijajlović, Račković Zoran, Verica V. Jevtić, Srećko R. Trifunović, Gordana P. Radić, Milan Zarić, Petar Čanović, Marija Milovanović, [Snežana Radisavljević](#), Milica Međedović, Biljana Petrović, Ivan Jovanović

DNA binding and antitumor activities of zinc (II) complexes with some S-alkenyl derivatives of thiosalicylic acid.

44 (2019) 219-228

DOI: [10.1007/s11243-018-0285-6](#)

ISSN: 0340-4285

Article in Hemijski preglad

[Snežana Radisavljević](#), Ana Rilak Simović,

Реологија хране са кратким освртом на загађивање хране токсичним металима, Хемијски преглед, 58, 4-5, pp. 96-103, 0440-6826, 2017

Article in Dalton Transactions

[Snežana Radisavljević](#), Ioannis Bratsos, Andreas Scheurer, Jana Korzekwa, Romana Masnikosa, Aleksandar Tot, Nevenka Gligorijević, Siniša Radulović, Ana Rilak.

New gold pincer-type complexes: Synthesis, characterization, DNA binding studies and cytotoxicity

47 (2018) 13696-13712

DOI: [10.1039/C8DT02903B](#)

ISSN: 1477-9226

Article in Jurnal of Inorganic Biochemistry

Dušan Ćocić, Snežana Jovanović, [Snežana Radisavljević](#), Jana Korzekwa, Andreas Scheurer, Ralph Puchta, Dejan Baskić, Danijela Todorović, Suzana Popović, Sanja Matić, Biljana Petrović.

New monofunctional platinum (II) and palladium (II) complexes: Studies of the nucleophilic substitution reactions, DNA/BSA interaction, and cytotoxic activity.

189 (2018) 91-102

DOI: [10.1016/j.jinorgbio.2018.09.005](#)

ISSN: 0162-0134

Chapter in book: Advanced Pharmacological Uses of Medicinal Plants and Natural Products

[Snežana Radisavljević](#), Biljana Petrović

Biogenic Synthesis of Gold Nanoparticles and Their Antimicrobial Activities

2020, 216-233

DOI: [10.4018/978-1-7998-2094-9.ch011](#)

Article in Frontiers in Chemistry

[Snežana Radisavljević](#), Biljana Petrović

Gold(III) complexes: An Overview on Their Kinetics, Interactions With DNA/BSA, Cytotoxic Activity, and Computational Calculations

8 (2020) 379

DOI: [10.3389/fchem.2020.00379](#)

Article in New Journal of Chemistry

[Snežana Radisavljević](#), Ana Đeković Kesić, Dušan Ćocić, Ralph Puchta, Laura Senft, Milena Milutinović, Nevena Milivojević, Biljana Petrović

Studies of the stability, nucleophilic substitution reactions, DNA/BSA interactions, cytotoxic activity, DFT and molecular docking of some tetra- and penta-coordinated gold(III) complexes

44 (2020) 11172

DOI: [10.1039/d0nj02037k](#)