

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, Ćuprija, 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-Nürnebrg (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 (biljana.petrovic@pmf.kg.ac.rs)
WEB: www.pmf.kg.ac.rs

2015-2016

Master of Science degree, Faculty of Science, University of Kragujevac, Kragujevac, Serbia Department of Chemistry, Research and Development
WEB: www.pmf.kg.ac.rs

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 – 1st 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 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”
25th 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”
55th 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”
55th 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 – 1st 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”
56th 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”
27th SCT Young Research Fellows Meeting,
Caen, France, 29-31 January 2020, PO 13

Snežana Jovanović-Stević, **Snežana Radisavljević**, Angelina Petrović, Jovana Bogojeski, Biljana Petrović
“The interactions of the new Pt(II) and Pd(II) complexes containing nitrogen-donor pincer type ligands with important bio-molecules”
18th Hellenic Symposium
Online Symposium, 25-27 February 2021

Snežana R. Radisavljević, Ana S. Kesić, Edina H. Avdović, Snežana M. Jovanović-Stević, Biljana V. Petrović
“Study of the substitution reactions between Pd(II) complexes and biologically significant ligands”
57th Meeting of the Serbian Chemical Society,
18-19 June, 2021, Kragujevac, Serbia, pp. NH P 1

Snežana Radisavljević, Milica Međedović, Ana Rilak, Dušan Čočić, Biljana Petrović
“New mononuclear gold(III) complexes – Study of the DNA/HSA/BSA binding properties”
GP2A 29th Annual Conference
25-27 August 2021, Online, P41

Stefan Blagojević, Nevena Planojević, Aleksandra Nikezić, Milena Milutinović, Jovana Jovankić, Dejan Arsenijević, **Snežana Radisavljević**, Milica Međedović, Biljana Petrović, Petar Arsenijević, Nikola Jović, Srđan Mujković, Snežana Marković
“Impact of gold(III) and ruthenium(II) complexes on miRNA expression involved in metastasis on primary ovarian cell culture isolated from ascites”
Serbian Biochemical Society Tenth Conference
24.09.2021, Kragujevac, Serbia

Nevena Planojević, Stefan Blagojević, Aleksandra Nikezić, Milena Milutinović, Jovana Jovankić, Nikola Radenković, **Snežana Radisavljević**, Milica Mededović, Biljana Petrović, Petar Arsenijević, Nikola Jović, Srđan Mujković, Snežana Marković
“The influence of newly synthesized Au(III) and Ru(II) complexes on gene expression on primary ovarian cancer cell culture from ascites”
Serbian Biochemical Society Tenth Conference
24.09.2021, Kragujevac, Serbia

Ana S. Kesić, **Snežana R. Radisavljević**, Biljana V. Petrović
“Substitution reactions of the monofunctional gold(III) complex and Sulphur-donor biologically important ligands”
1st International Conference on Chemo and Bioinformatics
26-27 October 2021, Kragujevac, Serbia

Snežana Radisavljević, Andreas Scheurer, Dirk Bockfeld, Dušan Čočić, Ralph Puchta, Laura Senft, Marko Pešić, Ivan Damljanović, Biljana Petrović
New mononuclear gold(III) complexes: Synthesis, characterization, kinetic, mechanistic, DNA/BSA/HSA binding, DFT and molecular docking studies
209 (2021) 115446
DOI: [10.1016/j.poly.2021.115446](https://doi.org/10.1016/j.poly.2021.115446)
ISSN: 0277-5387

Article in Polyhedron (M22)

Part in book “Advanced Pharmacological Uses of Medicinal Plants and Natural Products”

Article in Frontiers in Chemistry (M21)

Article in New Journal of Chemistry (M22)

Articles in Journal of Biological Inorganic Chemistry (M21)

Snežana Radisavljević, Biljana Petrović
Biogenic Synthesis of Gold Nanoparticles and Their Antimicrobial Activities
Chapter 11

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](https://doi.org/10.3389/fchem.2020.00379)
ISSN: 2296-2646

Snežana Radisavljević, Ana Đeković Kesić, Dušan Čočić, 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](https://doi.org/10.1039/d0nj02037k)
ISSN: 1144-0546

Snežana Jovanović-Stević, **Snežana Radisavljević**, Andreas Scheurer, Dušan Čočić, Biljana Šmit, Marijana Petković, Marko N. Živanović, Katarina Virijević, Biljana Petrović
Bis(triazinyl)pyridine complexes of Pt(II) and Pd(II): studies of the nucleophilic substitution reactions, DNA/HSA interactions, molecular docking and biological activity
26 (2021) 625-637
DOI: [10.1007/s00775-021-01879-3](https://doi.org/10.1007/s00775-021-01879-3)
ISSN: 0949-8257

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 Milivojević, 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 (M23)

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](https://doi.org/10.1007/s11243-018-0260-2)

ISSN: 0340-4285

Ana Popović, Miloš V. Nikolić, Marina Ž. Mijajlović, Ratković 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](https://doi.org/10.1007/s11243-018-0285-6)

ISSN: 0340-4285

Article in Hemijski pregled

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 (M21)

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](https://doi.org/10.1039/C8DT02903B)

ISSN: 1477-9226

Article in Jurnal of Inorganic Biochemistry (M21)

Dušan Ćočić, 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](https://doi.org/10.1016/j.jinorgbio.2018.09.005)

ISSN: 0162-0134