

PERSONAL INFORMATION



Dr. sc. Sead Ljubijankić

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Date of birth: 26. 09. 1962.

Place of birth: Ljubijankići, Cazin

Citizenship: Bosnian and Herzegovinian



https://scholar.google.com/citations?hl=hr&user=HEt_cIAAAAAJ&view_op=list_works&sortby=pubdate

EMPLOYMENT



University of Bihać

Faculty of Health Studies

Nositelja hrvatskog trolista br. 4, 77 000 Bihać, Bosna i Hercegovina

Position: Assistant Professor (Docent) in Biochemistry and Analytical Chemistry



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WORK EXPERIENCE

2023 – present

Faculty of Health Studies University of Bihać
Assistant Professor (Docent) in Biochemistry and Analytical Chemistry

Main duties and responsibilities Course coordinator for Biochemistry and Analytical Chemistry

2015 – 2023

Faculty of Health Studies University of Bihać
Senior Teaching Assistant for Chemistry I, Chemistry II, and Biochemistry

Main duties and responsibilities Conducting laboratory exercises for listed subjects

2015 – 2016

"Džemal Bijedić" University of Mostar – Faculty of Teacher Education
Senior Teaching Assistant for Chemistry (external collaborator)

Main duties and responsibilities Laboratory and theoretical exercises in Chemistry courses

2003 – 2015

Sinplast Ltd., Cazin

Main duties and responsibilities Company management

2000. – 2003.

Main duties and responsibilities **First and Second Secondary School of Cazin**

Chemistry Teacher

1990 – 2000.

Main duties and responsibilities

"Bosna" Brush, Wood and Plastic Manufacturing Factory, Cazin
Technical Director and later General Director

1988-1990.

Main duties and responsibilities

"Poliester" Priboj
Chemical Technologist

1987 – 1988
Main duties and responsibilities

Wire Products Factory, Cazin
Technologist

ADDITIONAL ACADEMIC ENGAGEMENT

2015 – 2016.

Senior Teaching Assistant for Chemistry courses (external collaborator)
Faculty of Teacher Education, "Džemal Bijedić" University of Mostar

EDUCATION AND TRAINING

30. 09. 2022.

PhD in Chemistry, Faculty of Natural Sciences and Mathematics, University of Banja Luka
Doctoral dissertation supervised by Prof. Dr. Semira Galijašević and Prof. Dr. Biljana Plavšić-Davidović

03. 09. 2014.

MSc in Chemistry, Faculty of Natural Sciences and Mathematics, University of Sarajevo
(Master's thesis supervised by Prof. Dr. Emira Kahrović)

06. 07. 1987.

BSc in Chemical Engineering, Faculty of Natural Sciences and Mathematics, University of Sarajevo
(Undergraduate thesis supervised by Prof. Dr. Ana Nikolin)

PERSONAL SKILLS AND COMPETENCES

Mother tongue Bosnian

Other languages

	RAZUMIJEVANJE		GOVOR		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	B2	B2	B2	B2	C1
English	A1	A1	A1	A1	B1

Level definitions: A1/A2: Basic user – B1/B2: Independent user – C1/C2: Proficient user
(Common European Framework of Reference for Languages)

Social skills and competences	Teamwork; adaptability to multicultural environments; strong communication skills acquired through professional experience.
Organisational skills and competences	Leadership and coordination skills..
Technical skills and competences	Proficient use of various instruments applied in chemical analysis.

ADDITIONAL INFORMATION

BIBLIOGRAPHY

Conference Participation

2024.	<i>Eighth International Scientific and Professional Conference "June 5th – World Environment Day"</i>
2022.	<i>Bihać, Bosnia and Herzegovina, 05–07 June. 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 30.06-02.07</i>
2022.	<i>Sedma međunarodna naučno – stručna konferencija "5. juni – svjetski dan zaštite okoliša" Bihać, BiH, 9. - 10. juni.</i>

2018. 3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 19 – 21 October.
2018. 6th International Scientific Conference „June 5th – World Environment Day“, Bihać, BiH, 18-19 June.
2017. Fifth International Scientific and Professional Conference “June 5th – World Environment Day”, Bihać, Bosnia and Herzegovina, 29–30 June 2017.
2016. 2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH, 21-23 October.
2016. Fourth International Scientific and Professional Conference “June 5th – World Environment Day”, Bihać, Bosnia and Herzegovina, 1 - 2 juni.
2015. Third International Scientific and Professional Conference “June 5th – World Environment Day”, Bihać, Bosnia and Herzegovina, 4 - 5 juni.
2014. Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, Sarajevo, Bosnia and Herzegovina, 10-12 October.
2014. Second International Scientific and Professional Conference “June 5th – World Environment Day”, Bihać, Bosnia and Herzegovina, 4 - 5 juni.

Scientific Papers in Journals

1. Ljubijankić, N., Šuta, E., Ćatić, A., Begić, S., **Ljubijankić, S.**, Ibragić, S. (2023) Ru(III) complexes and their ligands derived from salicylaldehyde and halogenated anilines: synthesis, characterisation, and antioxidant activity. *Kemija u industriji*, 72(7-8):455-462. DOI: 10.15255/KUI.2023.005 (Web of Science Core Collection: Emerging Sources Citation Index, CAPlus)
2. **Ljubijankić, S.**, Galijašević, S., Playšić-Davidović, B., Balaban, M., Ljubijankić, N. (2022) Synthesis, IR characterization and antioxidant capacity of Cu(II) complexes with amino acids and melatonin. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 58, 19-32. DOI: 10.35666/2232-7266.2021.58.03
3. Ljubijankić, N., Begić, S., Ljubović-Dedeić, A., Stanković, M., Salimović-Bešić, I., Jadranin, M., Bencun, B. and **Ljubijankić, S.** (2018) Antimicrobial and genotoxic activity of novel ruthenium(III) complex with N-phenyl-5-nitrosalicylideneimine. *Rasayan J. Chem.*, 11(4): 1511-1518. DOI: 10.31788/RJC.2018.1145021.
4. Ljubijankić, N., Tešević, V., Grgurić-Šipka, S., Jadranin, M., Begić, S., Buljubašić, L., Markotić, E., **Ljubijankić, S.**, (2016) Synthesis and characterization of Ru(III) complexes with thiosemicarbazide-based ligands. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 47, 1-6.
5. Ljubijankić, N., Kučukalić, E., **Ljubijankić, S.**, (2016) Determination of the Daily Rhythm of Cortisol in the Saliva of Women and Men. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 46, 43-46.
6. Ekrem Pehlić, Aida Šapčanin, **Sead Ljubijankić**, Majda Srabović, Husein Nanić (2015) „Determination of heavy metal concentration Pb and Cd in honey by AAS“, *Balkan Journal of Health Science* 2(3), 43-49.
7. **Ljubijankić, S.**, Zahirović, A., Memišević, M., Ljubijankić, N., Kahrović, E., (2014) Spectrophotometric determination of binding constants of Ru(III) salicylideneimine complexes with CT DNA. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 43, 5-10.

Full Papers in International Conference Proceedings

1. Kadić, S., Ljubijankić, N., Begić, S., Kazlagić, N., **Ljubijankić, S. (2019)** Ecology in elementary school. *Book of proceedings 6th International Scientific Conference „June 5th – World Environment Day“*, ISSN 2566-4530, Book of proceedings, p.356-364.
2. Kazlagić, A., **Ljubijankić, S.**, Kadić, S., Begić, S., Ljubijankić, N. (2019) Properties and Ecotoxicology of Phosphorus. *Book of proceedings 6th International Scientific Conference „June 5th – World Environment Day“*, ISSN 2566-4530, Book of proceedings, p. 416-424.
3. Ljubijankić, N., Cipurković, A., Begić, S., Horozić, E. i **Ljubijankić, S. (2018)** Osobine i ekotoksikologija kadmija. U *Zbornik radova Peti naučno-stručni skup sa međunarodnim učešćem "5. juni - Svjetski dan zaštite okoliša"* 29. i 30. Juni 2017, Bihać, BiH, Univerzitet u Bihaću, Biotehnički fakultet, ISSN 2566-4530, Book of proceedings, p. 48-55.
4. Ljubijankić, N., Cipurković, A., **Ljubijankić, S.**, (2017) Željezo u organizmu: ravnoteža apsorpcije, transporta i skladištenja. *Četvrti naučno-stručni skup sa međunarodnim učešćem "5. juni - Svjetski dan zaštite okoliša" Bihać. Bosna i Hercegovina* ISSN 2303-5889, 119–128.

Scientific Conference Contributions

1. Ljubijankić, N., Tešević, V., Balaban, M., **Ljubijankić, S.**, Fetahović, S., Šuta, E. (2024). *Unveiling Iodo Analogs: Novel Tricarbonylrhenium(I) Complexes with Diimine Ligands*. 5th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina (ICCCEB&H 2024), Sarajevo, 27–30.06.2024. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Abstract PP-IC-10, p. 117.
2. Ljubijankić, N., Balaban, M., **Ljubijankić, S.**, Šuta, E. (2024). *Rhenium Complexes with Benzodioxole-Containing Bipyridine Ligand: Synthesis and Analysis*. 5th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina (ICCCEB&H 2024), Sarajevo, 27–30.06.2024. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Abstract PP-IC-11, p. 118.
3. **Ljubijankić, S.**, Galijašević, S., Plavšić-Davidović, B., Balaban, M., Ljubijankić, N. (2022) Synthesis, IR Characterization and Antioxidant Capacity of Cu(II) Complexes with Amino Acids and Melatonin, 4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH 30.06-02.07, Book of Abstracts, p. 140.
4. Korać S., Huremović J., Ljubijankić N., **Ljubijankić S. (2022)** Determination of metals in different kind of milk by atomic absorption spectrometry, *Seventh International Scientific Conference „June 5th - World Environment Day“*, 9-10 June, Book of Abstracts p. 23.
5. Ljubijankić, N., Begić, S., Jadranin, M., Kazlagić, N., **Ljubijankić, S. (2018)** Synthesis and characterization of tetramethylammoniumdichlorobis(N-ethyl-salicylideneiminato-O,N) ruthenate (III), *XII International Conference of Chemists, technologists and environmentalists of the Republic of Srpska*, Teslić, BiH 2-3 November, The Book of Abstracts, p. 18.

6. Ljubijankić, N., Markotić, E., Granzov, I., Šuta, E., Begić, S., **Ljubijankić, S. (2018)** Synthesis and Characterization of New Ru(III) and Fe(III) Complexes with Schiff Bases Derived from Substituted Salicylaldehydes and Alkylamines, *3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, Sarajevo, BiH 19 – 21 October, Book of Abstracts, p. 48.
7. Ljubijankić, N., Šuta, E., Čatić, A., Begić, S., **Ljubijankić, S. (2018)** Synthesis and Characterization of New Ru(III) Complexes with Schiff Bases derived from Salicylaldehydes and Halogen Derivatives of Aniline. *3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, Sarajevo, BiH 19 – 21 October, Book of Abstracts, p. 49.
8. Kadić, S., Ljubijankić, N., Begić, S., Kazlagić, N., **Ljubijankić, S. (2018)** Ecology in elementary school. *6th International Scientific Conference „June 5th – World Environment Day“*, Bihać, BiH, 18-19 June, Book of Abstracts, p. 64.
9. Kazlagić, A., **Ljubijankić, S.**, Kadić, S., Begić, S., Ljubijankić, N. **(2018)** Properties and Ecotoxicology of Phosphorus. *6th International Scientific Conference „June 5th – World Environment Day“*, Bihać, BiH, 18-19 June, Book of Abstracts, p. 65.
10. Ljubijankić, N., Cipurković A., Begić, S., Horozić, E., **Ljubijankić, S., (2017)** Osobine i ekotoksikologija kadmija. *Peti naučno-stručni skup sa međunarodnim učešćem "5. juni - Svjetski dan zaštite okoliša"* Bihać, BiH, 29. i 30. Juni. Zbornik sažetaka p. 22.
11. Ljubijankić, N., Tešević, V., Grgurić-Šipka, S., Jadranin, M., Begić S., Buljubašić, L., Markotić, E., **Ljubijankić, S. (2016)** Synthesis and Characterization of Ru(III) Complexes with Thiosemicarbazide-based Ligands. *2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, Sarajevo, BiH, 21-23 October, Book of Abstracts, p.82.
12. Ljubijankić, N., Cipurković, A., **Ljubijankić, S. (2016)** Željezo u organizmu: ravnoteža apsorpcije, transporta i skladištenja. *Četvrti naučno-stručni skup sa međunarodnim učešćem "5. juni - Svjetski dan zaštite okoliša"*, Bihać, Bosna i Hercegovina, 1 - 2 juni 2016.
13. **Ljubijankić, S.**, Ljubijankić, N. **(2015)** Biljni uređaj za prečišćavanje otpadnih voda – Ljubijankići, Cazin. *Treći naučno-stručni skup sa međunarodnim učešćem "5. juni - Svjetski dan zaštite okoliša"*, Bihać, Bosna i Hercegovina, 4 - 5 juni, Zbornik sažetaka, p. 81.
14. **Ljubijankić, S.**, Zahirović, A., Memišević, M., Ljubijankić, N., Kahrović, E. **(2014)** Spectrophotometric determination of binding constants of Ru(III) salicylideneimine complexes with CT DNA, *Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation*, Sarajevo, Bosnia and Herzegovina, 10-12 October, Book of Abstracts, p. 89.

Textbooks



Sulejman Kendić, Adem Salihagić, Hajrudin Halilović, **Sead Ljubijankić**

Fundamentals of Clinical-Laboratory Diagnostics

University of Bihać – Faculty of Health Studies, 2024

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Book review

The reviewer of the manuscript titled “**Bandage medical devices – Production, Regulation, and Application in Medicine**,” Authors: Prof. Dr. Šemso Rošić, Prof. Dr. Emeritus Sulejman Kendić, M.Sc. Ahmed Žalić, M.Sc. Alen Lonić
University of Bihać – Faculty of Health Studies, 2024.

Participation in Research Projects

Project title, project leader,
year:

Synthesis and characterization of bioactive Re(I) tricarbonyl complexes with diimine ligands; project funded by the Federal Ministry of Education and Science; project leader: Prof. Dr. Nevzeta Ljubijankić; 2023.

Project title, project leader,
year:

Bioactive Re(I) tricarbonyl complexes with structural analogs of antitumor alkaloids; project funded by the Ministry of Science, Higher Education and Youth of the Sarajevo Canton; project leader: Prof. Dr. Nevzeta Ljubijankić; 2023.