



# Lejla Pašić

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## ● PROFIL GOOGLE SCHOLAR

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<https://scholar.google.com/citations?hl=hr&user=AI-OcTwAAAAJ>

broj citata (maj 2023): 2470

*h*-indeks: 19

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## ● ORCID

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## ● OBRAZOVANJE I TRENINZI

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01/10/1999 – 13/11/2007 – Ljubljana, Slovenia

**DOKTOR MOLEKULARNE BIOLOGIJE I BIOHEMIJE** – Univerzitet u Ljubljani, Medicinski fakultet, Doktorski studij  
Biomedicina

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EQF level 8

01/10/1993 – 30/09/1999 – Ljubljana

**DIPLOMIRANI BIOLOG** – Univerzitet u Ljubljani, Biotehnički fakultet, Odsjek za biologiju

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EQF level 6

## ● RADNO ISKUSTVO

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15/12/2020 – DANAS – Sarajevo, Bosnia and Herzegovina

**VANREDNI PROFESOR ZA PODRUČJE MEDICINSKE BIOLOGIJE I MIKROBIOLOGIJE** – SARAJEVO SCHOOL OF SCIENCE AND TECHNOLOGY, SARAJEVO MEDICAL SCHOOL

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01/11/2018 – 15/12/2020 – Sarajevo

**DOCENT ZA PODRUČJE MEDICINSKE BIOLOGIJE I MIKROBIOLOGIJE** – SARAJEVO SCHOOL OF SCIENCE AND TECHNOLOGY, SARAJEVO MEDICAL SCHOOL

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01/10/2010 – 01/01/2017

**DOCENT ZA PODRUČJE MOLEKULARNE BIOLOGIJE** – UNIVERZITET U LJUBLJANI, BIOTEHNIČKI FAKULTET,  
ODSJEK ZA BIOLOGIJU

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Ljubljana, Slovenia

Ljubljana, Slovenia

## PUBLIKACIJE

### 2017-2023

1. MARCOS-ZAMBRANO Laura Judith, LOPEZ-MOLINA Victor Manuel, BAKIR-GUNGOR Burcu, FROHME Marcus, KARADUZOVIĆ-HADŽIABDIĆ Kanita, KLAMMSTEINER Thomas, IBRAHIMI Eliana, LAHTI Leo, LONČAR-TURUKALO Tatjana, DHAMO Xhilda, SIMEON Andrea, NECHYPORENKO Alina, PIO Gianvito, PRYZMUS Piotr, SAMPRI Alexia, TRAJKOVIK Vladimir, LACRUZ-PLEGUEZUELOS Blanca, AASMETS Oliver, ARAUJO Ricardo, ANAGNOSTOPOULOS Ioannis, AYDEMIR Önder, BERLAND Magali, CALLE M Luz, CECI Michelangelo, DUMAN Hatice, GUNDOGDU Aycan, HAVULLINA Aki S, KAKA BRA Kardokh Hama Najib, KALLUCI Eglantina, KARAV Sercan, LODE Daniel, LOPES Marta B, MAY Patrick, NAP Bram, NEDYALKOVA Miroslava, PACIENCIA Ines, **PAŠIĆ Lejla**, PUJOLASSOS Meritxell, SHIGDEL Rahesh, SUSIN Antonio, THIELE Ines, TRUICA Ciprian-Octavian, WILMES Paul, YILMAZ Ercument, YOUSEF Malik, CLAEISSON Marcus Joakim, TRUU Jak, CARILLO DE SANTA PAU Enrique. A toolbox of machine learning software to support microbiome analysis. *Front Microbiol.* **2023**, 14:1250806. doi: 10.3389/fmicb.2023.1250806. **Q1**
2. MULEC, Janez, OARGA-MULEC, Andreea, SKOK, Sara, ŠEBELA, Stanka, CERKVERNIK, Rosana, ZORMAN, Tomaž, HOLKO, Ladislav, ELERŠEK, Tina, **PAŠIĆ, Lejla**. Emerging ecotone and microbial community of a sulfidic spring in the Reka river near Škocjanske jame, Slovenia. *Diversity*, 2021, 13:655. doi:10.3390/d13120655. **Q2**
3. JOVOVIĆ SADIKOVIĆ, Tamara, **PAŠIĆ, Lejla**, JOGUNČIĆ, Anes, TAFI, Zana, PROHIĆ, Asja. Frequency and etiologic agents of *Tinea capitis* in Sarajevo, Bosnia and Herzegovina. *European Journal of Biomedical and Pharmaceutical Sciences*, 2021, 8(8):5-7.
4. KLAMMSTEINER, Thomas, LOPES, Marta B, MARCOS-ZAMBRANO, Laura Judith, MARQUES, Claudia, MASON, Michael, MAY, Patrick, **PAŠIĆ, Lejla** et al. Statistical and Machine Learning Techniques in Human Microbiome Studies: Contemporary Challenges and Solutions. *Frontiers in Microbiology*, **2021**, 12:635781. doi: 10.3389/fmicb.2021.635781. **Q1**
5. MULEC, Janez, OARGA-MULEC, Andreea, HOLKO, Ladislav, **PAŠIĆ, Lejla**, KOPITAR, Andreja Nataša, ELERŠEK, Tina, MIHEVC, Andrej. Microbiota entrapped in recently-formed ice: Paradana Ice Cave, Slovenia. *Scientific Reports*, 2021, **Q1**
6. HASIĆ-TELALOVIĆ, Jasminka, **PAŠIĆ, Lejla**, BAŠIĆ-ČIČAK, Džana. The use of data science for decision making in medicine: the microbial community of the gut and autism spectrum disorders, **2021**, In book: Mediterranean Forum – Data Science Conference (pp.79-91) 10.1007/978-3-030-72805-2\_6
7. AMBROŽIČ-AVGUŠTIN, Jerneja, PETRIČ, Patricia, **PAŠIĆ, Lejla**. Screening the cultivable cave microbiome for the production of antimicrobial compounds and antibiotic resistance. *International Journal of Speleology*, **2019**, 48(3): 295-303, doi: 10.5038/1827-806X.48.3.2272. **Q2**
8. MULEC, Janez, PAŠIĆ, Lejla, PREVORŠEK, Zala, ŠENICA, Petra, ŠKET, Robert, PETRIČ, Metka, HOLKO, Ladislav, GOSTINČAR, Cene, STRES, Blaž. Mikroorganizmi kot prvobitni sestavni del podzemnega sistema izvira Krajcarce (Triglavski narodni park). *Acta Triglavensia*, 2017, 5(5): 29, ilustr. ISSN 2232-495X. [COBISS.SI-ID 42569005].
9. BOLHUIS, Henk, MARTIN-CUADRADO, Ana Belen, ROSSELLI, Riccardo, PAŠIĆ, Lejla, RODRIGUEZ-VALERA, Francisco. Transcriptome analysis of *Haloquadratum walsbyi*: vanity is but the surface. *BMC Genomics*, 2017, 18:510. doi: 10.1186/s12864-017-3892-2. **Q1**

### 2012-2016

1. MANIKANDAN, Muthu, KANNAN, Vijayaraghavan, MENDOZA, Ordetta Hannah, MAHALINGAM, Kanimozhi, CHUN, Sechul, **PAŠIĆ, Lejla**. The contribution of endophytic bacteria to *Albizia lebeck*-mediated phytoremediation of tannery effluent contaminated soil. *International journal of phytoremediation*, **2016** 18(1): 77-86. doi: 10.1080/15226514.2015.1064351. **Q2**
2. MARTIN-CUADRADO, Ana-Belen, **PAŠIĆ, Lejla**, RODRIGUEZ-VALERA, Francisco. Diversity of the cell-wall associated genomic island of the archaeon *Haloquadratum walsbyi*. *BMC genomics*, **2015**, 16:1-12. doi: 10.1186/s12864-015-1794-8. **Q1**
3. **PAŠIĆ, Lejla**, AMBROŽIČ, Jerneja, STARČIČ ERJAVEC, Marjanca, HERZOG-VELIKONJA, Blagajana, PODLESEK, Zdravko, ŽGUR-BERTOK, Darja. Two tales of prokaryotic genomic diversity : *Escherichia coli* and halophiles. *Food technology and biotechnology*, **2014**, 52(2): 158-169. **Q2**
4. HERZOG-VELIKONJA, Blagajana, TKAVC, Rok, **PAŠIĆ, Lejla**. Diversity of cultivable bacteria involved in the formation of macroscopic microbial colonies (cave silver) on the walls of a cave in Slovenia. *International journal of speleology*, **2014**, 43(1): 45-56, doi: 10.5038/1827-806X.43.1.5. **Q2**
5. KOSTANJŠEK, Rok, **PAŠIĆ, Lejla**, DAIMS, Holger, SKET Boris. Structure and community composition of sprout-like bacterial aggregates in a Dinaric Karst subterranean stream. *Microbial ecology*, **2013**, 66(1): 5-18. doi: 10.1007/s00248-012-0172-1. **Q1**
6. ŠANTL TEMKIV, Tina, FINSTER, Kai, HANSEN, Bjarne Munk, **PAŠIĆ, Lejla**, KARLSON, Ulrich Gosewinkel. Viable methanotrophic bacteria enriched from air and rain can oxidize methane at cloud-like conditions. *Aerobiologia*, **2013**, 29(3): 373. doi: 10.1007/s10453-013-9287-1. **Q1**

7. MAKHDOUMI-KAKHKI, Ali, AMOOZEGAR, Mohammad Ali, KAZEMI, Bahram, **PAŠIĆ, Lejla**, VENTOSA, Antonio. Prokaryotic diversity in Aran-Bidgol salt lake, the largest hypersaline playa in Iran. *Microbes and environments*, **2012**, 27(1): 87-93., doi: 10.1264/jsme2.ME11267. **Q1**
8. CUEZVA, Soledad, FERNENDEZ-CORTES, Angel, PORCA, Estefania, **PAŠIĆ, Lejla**, JURADO, Valme, HERNANDEZ-MARINE, Mariona, SERRANO-ORTIZ, Penelope, HERMOSIN, Bernarndo, CANAVERAS, Juan Carlos, SANCHEZ-MORAL, Sergio, SAIZ-JIMENEZ, Cesareo. The biogeochemical role of Actinobacteria in Altamira Cave, Spain. *FEMS Microbiology Ecology*, **2012**, 81(1): 281-290. doi: 10.1111/j.1574-6941.2012.01391.x. **Q1**
9. PORCA, Estefania, JURADO, Valme, ŽGUR-BERTOK, Darja, SAIZ-JIMENEZ, Cesareo, **PAŠIĆ, Lejla**. Comparative analysis of yellow microbial communities growing on the walls of geographically distinct caves indicates a common core of microorganisms involved in their formation. *FEMS microbiology ecology*, **2012**, 81 (1): 255-266. doi: 10.1111/j.1574-6941.2012.01383.x. **Q1**

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#### 2010-2011

1. GHAI, Rohit, **PAŠIĆ, Lejla**, BEATRIZ FERNÁNDEZ, Ana, MARTIN-CUADRADO, Ana-Belen, MIZUNO, Carolina Megumi, McMAHON, Katherine D., PAPKE, R. Thane, STEPANAUSKAS, Ramunas, RODRIGUEZ-BRITO, Beltran, ROHWER, Forest, SANCHEZ-PORRO, Cristina, VENTOSA, Antonio, RODRIGUEZ-VALERA, Francisco. New abundant microbial groups in aquatic hypersaline environments. *Scientific reports*, **2011**, 1:135-144, doi: 10.1038/srep00135. **Q1**
2. MANIKANDAN, Muthu, KANNAN, Vijayaraghavan, **PAŠIĆ, Lejla**. Extraction, purification and characterization of a protease from *Micrococcus* sp. VKMM 037. *Environmental technology*, **2011**, 32(13): 1487-1495., doi: 10.1080/09593330.2010.540718. **Q2**
3. MANIKANDAN, Muthu, KANNAN, Vijayaraghavan, HERZOG-VELIKONJA, Blagajana, **PAŠIĆ, Lejla**. Optimization of growth medium for protease production by *Haloferax lucentensis* VKMM 007 by response surface methodology. *Brazilia n journal of microbiology*, **2011**, 42(2): 818-824. doi: 10.1590/S1517-83822011000200050. **Q3**
4. RODRIGUEZ-BRITO, Beltran, LINLIN, Li, WEGLEY, Linda, FURLAN, Mike, ANGLY, Florent, BREITBART, Mya, BUCHANAN, John, DESNUES, Christelle, DINSDALE, Elisabeth, EDWARDS, Robert, FELTS, Ben, HAYNES, Matthew, LIU, Hong, LIPSON, David, MAHAFFY, Joseph, MARTIN-CUADRADO, Ana-Belen, MIRA, Alex, NULTON, Jim, **PAŠIĆ, Lejla**, RAYHAWK, Steve, RODRIGUEZ-MUELLE, Jennifer, RODRIGUEZ-VALERA, Francisco, SALAMON, Peter, SRINAGESH, Shailaja, THINGSTAD, Tron Frede, TRAN, Tuong, VEGA THURBER, Rebecca, WILLNER, Dana, YOULE, Mary, ROHWER, Forest. Viral and microbial community dynamics in four aquatic environments. *The ISME journal*, **2010**, 4(6): 739-751, doi: 10.1038/ismej.2010.1. **Q1**
5. **PAŠIĆ, Lejla**, KOVČE, Barbara, SKET Boris, HERZOG-VELIKONJA, Blagajana. Diversity of microbial communities colonizing the walls of a Karstic cave in Slovenia. *FEMS Microbiology Ecology*, **2010**, 71(1): 50-60. doi: 10.1111/j.1574-6941.2009.00789.x. **Q1**

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#### 2001-2009

1. MANIKANDAN, Muthu, **PAŠIĆ, Lejla**, KANNAN, Vijayaraghavan. Purification and biological characterization of a halophilic thermostable protease from *Haloferax lucentensis* VKMM 007. *World journal of microbiology and biotechnology*, **2009**, 25(12): 2247-2256. doi: 10.1007/s11274-009-0132-1. **Q2**
2. MANIKANDAN, Muthu, KANNAN, Vijayaraghavan, **PAŠIĆ, Lejla**. Diversity of microorganisms in solar salterns of Tamil Nadu, India. *World J Microbiol Biotech*, **2009**, 6(25):1007-1017. doi: 10.1007/s11274-009-9980-y. ( **Q2**
3. RODRIGUEZ-VALERA, Francisco, MARTIN-CUADRADO, Ana-Belen, RODRIGUEZ-BRITO, Beltran, **PAŠIĆ, Lejla**, FREDE THINGSTAD, T., ROHWER, Forest, MIRA, Alex. Explaining microbial population genomics through phage predation. *Natu re reviews in Microbiology*, **2009**, 11(7):828-836. doi: 10.1038/nrmicro2235. **Q1**
4. **PAŠIĆ, Lejla**, RODRIGUEZ-MUELLE, Beltran, MARTIN-CUADRADO, Ana-Belen, MIRA, Alex, ROHWER, Forest, RODRIGUEZ-VALERA, Francisco. Metagenomic islands of hyperhalophiles: the case of *Salinibacter ruber*. *BMC genomics*, **2009**, 10(570): 1-11. doi: 10.1186/1471-2164-10-570. **Q1**
5. MANIKANDAN, Muthu, **PAŠIĆ, Lejla**, KANNAN, Vijayaraghavan. Optimization of growth media for obtaining high-cell density cultures of halophilic archaea (family Halobacteriaceae) by response surface methodology. *Bioresource technology*, **2009**, 100(12): 3107-3112, doi: 10.1016/j.biortech.2009.01.033. **Q1**
6. SANCHEZ-PEREZ, Gabino, MIRA, Alex, NYIRŐ, Gábor, **PAŠIĆ, Lejla**, RODRIGUEZ-VALERA, Francisco. Adapting to environmental changes using specialized paralogs. *Trends in Genetics*, **2008**, 4(24): 154-158. doi.org/10.1016/j.tig.2008.01.002. **Q1**
7. **PAŠIĆ, Lejla**, HERZOG-VELIKONJA, Blagajana, POKLAR ULRIH, Nataša. Optimization of the culture conditions for the production of a bacteriocin from halophilic archaeon Sech7a. *Preparative biochemistry and biotechnology*, **2008**, 38(3): 229-245. doi: 10.1080/10826060802164637. **Q3**
8. **PAŠIĆ, Lejla**, POKLAR ULRIH, Nataša, ČRNIGOJ, Miha, GRABNAR, Miklavž, HERZOG-VELIKONJA, Blagajana. Haloarchaeal communities in the crystallizer of two Adriatic solar salterns. *Canadian journal of microbiology*, **2007**, 1(53): 8-18. (**Q2**
9. **PAŠIĆ, Lejla**, GALÁN BARTUAL, Sergio, POKLAR ULRIH, Nataša, GRABNAR, Miklavž, HERZOG-VELIKONJA, Blagajana. Diversity of halophilic archaea in the crystallizers of an Adriatic solar saltern. *FEMS Microbiology Ecology*, **2005**, 54:491-498. doi.org/10.1016/j.femsec.2005.06.004. **Q1**
10. **PAŠIĆ, Lejla**, SEPČIĆ, Kristina, TURK, Tom, MAČEK, Peter, POKLAR ULRIH, Nataša. Characterization of parazoanthoxanthin A binding to a series of natural and synthetic host DNA duplexes. *Archives of biochemistry and biophysics*, **2001**, 393(1): 132-142. doi.org/10.1006/abbi.2001.2469. **Q1**

## Recenzirani visokoškolski udžbenik

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1. DEDEIĆ-LJUBOVIĆ, Amela, **PAŠIĆ, Lejla**. Practical Medical Microbiology. ISBN 978-9958-1935-8-3. Sarajevo: Univerzitet Sarajevo School of Science and Technology, str. 126. [COBISS.BH-ID 288742426].
2. HERZOG-VELIKONJA, Blagajana, GRUDEN, Kristina, **PAŠIĆ, Lejla**. *Praktikum iz molekularne biologije*, (Zbirka Scripta). Dopolnjena izd. Ljubljana: Študentska založba, 2001. 78 p., ilup. ISBN 961-6356-18-6. [COBISS.SI-ID [110715392](#)]

1. **PAŠIĆ, Lejla**, MARTIN-CUADRADO, Ana-Belen, LÓPEZ-GARCÍA, Purificación. "Deciphering archaeal communities" omics tools in the study of archaeal communities. V: MARTIN, Francis M. (ur.), UROZ, Stéphane (ur.). *Microbial environmental genomics (MEG)*, (Springer protocols), (Methods in molecular biology, ISSN 1940-6029, 1399). New York: Springer. cop. **2016**, str. 1-28, doi: 10.1007/978-1-4939-3369-3\_1.
2. PAPIĆ, Bojan, **PAŠIĆ, Lejla**. GSO v metagenomiki. U: STARČIČ ERJAVEC, Marjanca (ur.), et al. Delo z gensko spremenjenimi organizmi na Oddelku za biologijo Biotehniške fakultete Univerze v Ljubljani. Ljubljana: Biotehniška fakulteta, Oddelek za biologijo. **2017**, str. 26-36, ilustr. <https://repozitorij.uni-lj.si/IzpisGradiva.php?id=91129&lang=slv>.
3. **PAŠIĆ, Lejla**, RODRIGUEZ-VALERA, Francisco. Ecology and evolution of *Haloquadratum walsbyi* through the lens of genomics and metagenomics. U: PAPKE, R. Thane (ur.), OREN, Aharon (ur.). *Halophiles : genetics and genomes*. Norfolk: Caister Academic Press, cop. **2014**, p. 1-36
4. AMBROŽIČ, Jerneja, ANDERLUH, Gregor, BAVDEK, Andrej, BELUŠIČ, Gregor, BUTALA, Matej, DRAŠLAR, Kazimir, GOSTINČAR, Cene, GRABNAR, Miklavž, GUNDE-CIMERMAN, Nina, HERZOG-VELIKONJA, Blagajana, JERMAN, Borut, LAPANJE, Aleš, **PAŠIĆ, Lejla**, RAZPOTNIK, Andrej, SEPČIČ, Kristina, STARČIČ ERJAVEC, Marjanca, STUŠEK, Peter, TURK, Martina, ŽGUR-BERTOK, Darja. Ocene tveganj za delo z GSO. V: STARČIČ ERJAVEC, Marjanca (ur.), AMBROŽIČ, Jerneja. *Gensko spremenjeni organizmi na Oddelku za biologijo Biotehniške fakultete Univerze v Ljubljani*. Ljubljana: Biotehniška fakulteta, Oddelek za biologijo. **2009**, str. 37-136.

## Objavljen doprinos naučnom skupu

---

1. **PAŠIĆ, Lejla**, MULAOMEROVIĆ, Jasminko. Microorganisms and the natural heritage of Dinaric karst - a review. V: SAIZ-JIMENEZ, Cesareo (ur.). *The conservation of subterranean cultural heritage*. Leiden: CRC Press, Balkema, 2014, str. 257-264. [COBISS.SI-ID [3262543](#)]
2. **PAŠIĆ, Lejla**. Trenutno stanje istraživanja mikrobni zajednica koje se razvijaju na zidovima špilja = Current progress on microbiology of cave-wall communities. V: MULAOMEROVIĆ, Jasminko (ur.). *Čovjek i krš 2012 : zbornik radova = Man and Karst 2012 : proceedings*, Znanstveno-stručni skup Čovjek i krš, 11.-14. 10. 2012, Bijakovići, Međugorje = International Scientific Symposium "Man and Karst", 11th-14th October 2012, Bijakovići, Međugorje, (Naš krš, ISSN 0351-1502, Vol. 33, no. 43). Sarajevo: Speleološko društvo Bosansko-hercegovački krš: Centar za krš i speleologiju. **2013**, vol. 33, no. 43, str. 111-125.
3. **PAŠIĆ, Lejla**. Halofilne arheje v Sečoveljskih solinah: vrstna pestrost in biokemijski opis halocinov. V: GUNDE-CIMERMAN, Nina (ur.), DROBNE, Damjana (ur.). *Biodan 06 : Ljubljana, 22. junij 2006*. Ljubljana: Univerza v Ljubljani, Biotehniška fakulteta. **2006**, str. [1-2]. [COBISS.SI-ID [22820313](#)]

## Drugi obrazovni materijal

---

1. TURK, Martina, **PAŠIĆ, Lejla**, SRETENOVIĆ, Simon, PETROVIĆ, Uroš. *Genetika evkariontov : (gradivo za vaje) : za študente Univerze v Ljubljani, Biotehniške fakultete, Oddelka za biologijo, magistrski študijski program 2. stopnje Molekulska in funkcionalna biologija*. Ljubljana: Oddelek za biologijo, Biotehniška fakulteta, Univerza, 2016. 1 optični disk (CD-ROM), ilustr. [COBISS.SI-ID [4379727](#)]
2. STARČIČ ERJAVEC, Marjanca, AMBROŽIČ, Jerneja, **PAŠIĆ, Lejla**, SRETENOVIĆ, Simon. *Učno gradivo za program iz molekulskega kloniranja in gensko spremenjenih organizmov, genomike ter bioinformatike : laboratorijske vaje in delavnice*. Ljubljana: [s. n.], 2016. 50 str., ilustr. [COBISS.SI-ID [4167759](#)]
3. **PAŠIĆ, Lejla**, STARČIČ ERJAVEC, Marjanca. *Učno gradivo za program iz molekulskega kloniranja in bioinformatike : laboratorijske vaje in delavnice*. Ljubljana: [s. n.], 2015. 49 str., ilustr. [COBISS.SI-ID [3470671](#)]
4. **PAŠIĆ, Lejla**. *Učno gradivo pri predmetu Genetika evkariontov : laboratorijske vaje*. Ljubljana: [s. n.], 2013. 43 f., ilustr. [COBISS.SI-ID [3105359](#)]
5. **PAŠIĆ, Lejla**, IVANČIČ, Tina. *Učno gradivo pri predmetu Molekularna mikrobiologija : laboratorijske vaje*. Ljubljana: [s. n.], 2012. 20 f., ilustr. [COBISS.SI-ID [2748495](#)]
6. AMBROŽIČ, Jerneja, **PAŠIĆ, Lejla**, STARČIČ ERJAVEC, Marjanca. *Učno gradivo za program iz molekulske genetike : laboratorijske vaje in delavnice*. Ljubljana: [s. n.], 2008. 1 optični disk (CD-ROM). [COBISS.SI-ID [2322255](#)]
7. AMBROŽIČ, Jerneja, **PAŠIĆ, Lejla**, STARČIČ ERJAVEC, Marjanca. *Učno gradivo za program iz molekulske genetike : laboratorijske vaje in delavnice*. Ljubljana: [J. Ambrožič Avguštin, L. Pašić, M. Starčič Erjavec], 2008. 42. str, ilustr. [COBISS.SI-ID [1950543](#)]

## PROJEKTI

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### Vođa projekta

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1. Korištenje nauke o podacima za odlučivanje u medicini: mikrobna zajednica crijeva i poremećaji autističkog spektra. Finansirer Ministarstvo za obrazovanje, nauku i mlade Kantona Sarajevo (2019-2022).
2. Temporal and spatial dynamics of prokaryotic communities inhabiting Adriatic solar salterns, financijer Slovenian Research Agency (2011-2013)

## Učešće na projektu

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1. J7-4208 Microbiological and structural investigations of biologically damaged textiles from Slovenian museums, financijer Slovenian Research Agency (2011-2014)
2. J3-3624 Virulence factors as potential targets of vaccines, financijer Slovenian Research Agency (2010-2013)
3. J4-2111 Molecular mechanism of initiation of protease activity of bacterial repressor LexA, financijer Slovenian Research Agency (2009-2012)
4. P1-0198 Molecular Biology of Microorganisms financijer Slovenian Research Agency (2000-2017)

## Nagrade i priznanja

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### Nagrade i priznanja

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**1. Student Award - Sarajevo School of Science and Technology (2019)**

**2. Najbolji učitelj na Interdisciplinarnom studiju Mikrobiologije (2006)**

**3. EMBO short term fellowship (2007)**

Stipendija ASTF 366.00-2007 dodijeljena za rad na projektu 'Mechanisms of phage evasion in prokaryotes: modification of targets by intragenomic recombination'

**4. FEMS short term fellowship (2006)**

Stipendija 2006-1 dodijeljena za rad na projektu 'Metagenomic analysis of genetic diversity of the hyper-halophilic archaeon Haloquadratum walsbyi and hyperhalophilic bacterium Salinibacter ruber'

## UMREŽAVANJE I ČLANSTVA

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### Članstva

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1. Slovenian Biochemical Society (Član FEBS)
2. Slovenian Microbiological Society (Član FEMS)
3. Microbiology Society of Bosnia and Herzegovina (Član FEMS)
4. International Society for Subterranean Biology

## MENTORSTVO

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### Mentorstvo

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Mentor završnog rada (integrirani bolonjski studij)

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ALKHATIB, Maisoun. *Gut microbiome dysbiosis and inflammatory bowel disease: A systematic review. Undergraduate thesis in Medicine = Disbioza crijevnog mikrobioma i inflamatorna bolest crijeva: sistematski pregled literature. Završni rad, integrirani studij Medicine* (Sarajevo Medical School, Univerzitet Sarajevo School of Science and Technology), 2022.

UDDIN, Shihab. *The role of gut microbiota in Autism spectrum disorder and use of fecal transplantation as a possible intervention: a systematic review. Undergraduate thesis in Medicine = Uloga crijevne mikrobiote u poremećaju autističnog spektra i korištenje fekalne transplantacije kao moguće intervencije: sistematski pregled literature. Završni rad, integrirani studij Medicine* (Sarajevo Medical School, Univerzitet Sarajevo School of Science and Technology), 2022.

Mentor magistarskog rada (bolonjski studij)

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## JEZICI

Maternji jezik(ci): BOSNIAN/CROATIAN/SERBIAN | SLOVENIAN

Drugi jezik(ci):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISKI</b>	C2	C2	C2	C2	C2
<b>ŠPANSKI</b>	B2	B2	B2	B2	B2

Nivoi: A1, A2, početnik; B1, B2, srednji nivo, C1, C2, prirodni govornik