

Curriculum Vitae

Personal information

First name / Surname

Address

Department/Institution

Phone number

Senka Babić

Zmaja od Bosne 90, 71000 Sarajevo, Bosnia and Herzegovina

Department of pathobiology and epidemiology, University of Sarajevo - Veterinary faculty

033 617 370

Email address

senka.babic@vfs.unsa.ba

Nationality

BH

Date of birth

21.08.1976.

Gender

Female

Current status

Associated Professor

Work and professional experience

Date

Occupation or position held

Main activities and responsibilities

Name and address of employer

Department

2021-

Associated Professor

Teaching students in the course "Veterinary Microbiology with Immunology" (practice and lectures), laboratory work, scientific research

University of Sarajevo – Veterinary faculty, Zmaja od Bosne 90, Sarajevo

Department of pathobiology and epidemiology, University of Sarajevo – Veterinary faculty

Date

Occupation or position held

Main activities and responsibilities

Name and address of employer

Department

2016-2021

Assistant professor

Teaching students in the course "Veterinary Microbiology with Immunology" (practice and lectures), laboratory work, scientific research

University of Sarajevo – Veterinary faculty, Zmaja od Bosne 90, Sarajevo

Department of Microbiology and Infectious Diseases, University of Sarajevo – Veterinary faculty

Date

Occupation or position held

Main activities and responsibilities

Name and address of employer

Department

2010-2015

Senior assistant

Teaching students in the course "Veterinary Microbiology with Immunology" (practice), laboratory work, scientific research

University of Sarajevo – Veterinary faculty, Zmaja od Bosne 90, Sarajevo

Department of Microbiology and Infectious Diseases, University of Sarajevo – Veterinary faculty

Date

Occupation or position held

Main activities and responsibilities

Name and address of employer

2006-2010

Assistant

Teaching students in the course "Veterinary Microbiology with Immunology" (practice), laboratory work, scientific research

University of Sarajevo – Veterinary faculty, Zmaja od Bosne 90, Sarajevo

Department	Department of Microbiology and Infectious Diseases, University of Sarajevo – Veterinary faculty
Date	2005-2006
Occupation or position held	Graduate veterinarian, Associate
Main activities and responsibilities	Laboratory work, scientific research
Name and address of employer	University of Sarajevo – Veterinary faculty, Zmaja od Bosne 90, Sarajevo
Department	Department of Microbiology and Infectious Diseases, University of Sarajevo – Veterinary faculty
Date	2004-2005
Occupation or position held	Graduate veterinarian, Associate - Intern
Main activities and responsibilities	Clinical diagnostics and surgery
Name and address of employer	University of Sarajevo – Veterinary faculty, Zmaja od Bosne 90, Sarajevo
Department	Clinic for Surgery, Ophthalmology and Orthopedics, University of Sarajevo – Veterinary faculty
Education and training	
Date	15.04.2016.
Title of the qualification awarded	Doctoral dissertation: „ Quantitative analysis of total and <i>Malassezia pachydermatis</i> specific serum immunoglobulins of dogs with atopic dermatitis “.
Name and type of organization providing education and training	University of Sarajevo – Veterinary faculty
Current title	Doctor of Veterinary Sciences (PhD)
Date	16.11.-22.11.2015.
Title of education/training	FMD laboratory training
Name and type of organization providing education and training	IZSLER-Brescia, Italy
Current title	Doctor of Veterinary Sciences (PhD)
Date	18.12.2009.
Title of the qualification awarded	Master of Veterinary Sciences (master's thesis: In vitro inhibitory activity of propolis on <i>Candida</i> spp. from the digestive tract of dogs)
Name and type of organization providing education and training	University of Sarajevo – Veterinary faculty
Current title	Doctor of Veterinary Sciences (PhD)
Date	June-July 2009
Title of education/training	Professional development -TEMPUS
Name and type of organization providing education and training	Instituto de Ciências Biomédicas Abel Salazar Universidade do Porto, Portugal
Current title	Doctor of Veterinary Sciences (PhD)
Date	2005-2009
Title of the qualification awarded	Postgraduate study, Field: Animal Health Protection, Course: Microbiology, Master's degree
Name and type of organization providing education and training	University of Sarajevo – Veterinary faculty
Current title	Doctor of Veterinary Sciences (PhD)
Date	Mach 2006
Title of the qualification awarded	Graduate veterinarian (Professional exam for Doctor of Veterinary Medicine)
Name and type of organization providing education and training	The Federal Minister of Agriculture, Water Management and Forestry, Federation of Bosnia and Herzegovina, Bosnia and Herzegovina

Doctor of Veterinary Sciences (PhD)

1999-2004
Graduate veterinarian
University of Sarajevo – Veterinary faculty
Doctor of Veterinary Sciences (PhD)

June-July 2003
Undergraduate education -TEMPUS
Universitat Autònoma de Barcelona, Spain
Doctor of Veterinary Sciences (PhD)

Bosnian language

English language

English language									
Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B 2	Independent user	B 2	Independent user	B 2	Independent user	B 2	Independent user	B 2	Independent user

(*) *Common European Framework of Reference for Languages*

English language

Teamwork skills, good communication skills (acquired through teaching students, free activities), organizational skills (acquired through work, free activities, training)

Clinical microbiology and immunology

Advanced user of the Internet and Microsoft Office tools (through free activities, work)

1. Examination of the chemical composition and antimycotic activity of propolis of different geographical origins from the territory of Bosnia and Herzegovina (Federal Ministry of Education and Science - FMON) - project participant (2008)
2. Standardization of biochemical and hematological parameters of BH indigenous animal resource "tornjak" in order to protect health and preserve the breed" (Federal Ministry of Education and Science – FMON) - project participant (2019)
3. Molecular Detection of Vector-borne Zoonotic Pathogens in the Population of Stray Dogs in Sarajevo Canton (Ministry of Science, Higher Education and Youth, Sarajevo Canton) - project participant (2021-2022)

Publications

1. Bajrović T., Pašić Š., Velić R., Dukić Behija, Rifatbegović M., Velić Lejla, Čamo D., Maksimović Zinka, Babić Senka: Problematika kontrole infektivnih bolesti životinja u našoj zemlji, IV simpozij Poljoprivrede, veterinarstva, šumarstva i biotehnologije sa međunarodnim učešćem (Knjiga kratkih sadržaja), Zenica, 21-23. septembar, 2006.
2. Pašić Š., Dukić Behija, Pašić-Juhas Eva, Babić Senka, Jerković-Mujkić Anesa: Hemijski sastav i antimikrobno djelovanje propolisa, Veterinaria, 2008, 3-4, 265-278
3. Babić Senka, Pašić Š., Dukić Behija: Antigeni/alergeni *Aspergillus fumigatus*, Veterinaria, 2008, 3-4, 279-286
4. Babić Senka, Pašić Š., Ćoralić Agnesa: Antigeni sastav *Candida albicans*, Veterinaria, 2008, 3-4, 287-294
5. Babić Senka, Pašić Š., Ćoralić Agnesa: Izolacija *Malassezia pachydermatis* iz uha zdravih pasa, Veterinaria, 2010, 1-4, 59-68
6. Babić Senka, Pašić Š., Dukić Behija, Ćoralić Agnesa: Antifungal activity of propolis originated from Bosnia and Herzegovina, Bosnian-Turkish Scientific days (Abstract book), Sarajevo, page 47, 2011
7. Babić Senka, Pašić Š., Dukić Behija, Ćoralić Agnesa: Antifungal activity of propolis originated from Bosnia and Herzegovina, Veterinaria, 2011, 3-4, 187-193
8. Babić Senka, Pašić Š., Ćoralić Agnesa: Isolation of *Candida albicans* from oral cavity and rectum of dogs, 2nd Turkish –Bosnian Scientific days, (Abstract book), Istanbul, page 43, 2013
9. Pašić Š., Babić Senka, Ćoralić Agnesa: Izolacija *Candida albicans* iz oralne šupljine i rektuma pasa, Veterinaria, 2013, 3-4, 203-211
10. Babić Senka, Pašić Šemso, Zahirović Amir: Determination of allergens involved in canine atopic dermatitis in Bosnia and Herzegovina, Veterinaria, 2018, 67(3), 139-144
11. Senka Babić, Šemso Pašić, Amir Zahirović. Prevalence of *Malassezia pachydermatis* in atopic dogs-50 cases. Veterinaria. 2020. 69 (2), 121-127 (CAB)
12. Senka Babić, Šemso Pašić, Amir Zahirović. The correlation between localisation of skin changes and risk factors associated with atopic dermatitis. Veterinaria ir Zootechnika. 2020. 78 (100), 16-22.
13. Dunja Rukavina, Belma Kalamujić Stroil, Adeleta Durmić-Pašić, Mirela Mačkić-Đurović, Senka Babić, Atifa Ajanović, Naris Pojskić. Evaluation of the genetic diversity and population structure of potential Bosnian mountain horse based on microsatellite markers. Veterinaria. 2021. 70 (2), 219-227.
14. Senka Babić, Amir Zahirović, Šemso Pašić. Comparison of Cytology and Cultural Examination and Intradermal Test Results in Atopic Dogs with Evidence of *Malassezia Pachydermatis*. Veterinaria ir Zootechnika. 2021. 79 (1), 33-8.
15. Zinka Maksimović, Jasmin Dizdarević, Senka Babić, and Maid Rifatbegović. Antimicrobial resistance in coagulase-positive staphylococci isolated from various animals in Bosnia and Herzegovina. Microbial Drug Resistance. 2022. 28 (1) <https://doi.org/10.1089/mdr.2021.0160>
16. Zinka Maksimović, Senka Babić, Amir Zahirović, Maid Rifatbegović. Seroprevalence of leptospirosis among stray dogs in Bosnia and Herzegovina. Comparative Immunology, Microbiology and Infectious Diseases. 2024. 109 <https://doi.org/10.1016/j.cimid.2024.102171>
17. Maksimović Z, Babić S, Milanović G, Rifatbegović M (2026): Serological survey of leptospirosis in sheep in Bosnia and Herzegovina. Ankara Univ Vet Fak Derg, 73 (2), 203-208. DOI: 10.33988/auvfd.1737403.

Textbook

1. Pašić Š, Babić Senka, Blažević Azra, Talić A: Imuni sistem, Veterinarski fakultet, Sarajevo, 2013
2. Senka Babić, Šemso Pašić. Osnove imunog sistema i seroloških reakcija. Veterinarski fakultet, Sarajevo, 2021
3. Alan Maksimović, Amir Zahirović, Ismar Lutvikadić, Amila Šunje-Rizvan, Selma Filipović, Zinka Maksimović, Amer Alić, Tarik Mutevelić, Senka Babić, Benjamin Čengić, Denis Čamo, Lejla Šatrović, Nermina Spahija, Jovana Šupić: Učestale rutinske i specijalističke procedure u kliničkoj medicini pasa i mačaka. Drugo, prerađeno i dopunjeno izdanje; Univerzitet u Sarajevu-Veterinarski fakultet Sarajevo, Sarajevo, 2025 (<https://ebooks.unsa.ba/index.php/ebooks/catalog/book/82>).