

PERSONAL INFORMATION



Sejad Mačkić

Envera Šehovića 44, 71000 Sarajevo, Bosnia and Herzegovina

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Sex male | Date of birth 07.06.1958.

POSITION

WORK EXPERIENCE

- | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------|
| 2016-2020 | Secretary
B&H Veterinary Office |
| 2006-2016 | Director
Food Safety Agency of Bosnia and Herzegovina |
| 1996-2006 | head of the veterinary service
Ministry of Defense FB&H |
| 1994-1996 | secretary of the Embassy of Bosnia and Herzegovina
Ministry of Foreign Affairs of RB&H |
| 1991-1994 | head of the Fojnica Police Department
Ministry of Internal Affairs of the RB&H |
| 1987-1991 | municipal veterinary inspector; Director of the Fojnica Veterinary Station
Municipality of Fojnica; Veterinary station Fojnica |

EDUCATION AND TRAINING

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2008 | Doctor of veterinary sciences
Faculty of Veterinary Medicine, University of Sarajevo
▪ Doctoral dissertation: "Histomorphological changes of ovaries and uterus in conditions of intake of zearalenone" |
| 2002 | Master of Veterinary Sciences
Faculty of Veterinary Medicine, University of Sarajevo
▪ postgraduate study in the field of "Infectious diseases with epizootiology"). Master's thesis: "Investigation of Q-fever in dogs in FB&H" |
| 1986 | Graduated veterinarian
Faculty of Veterinary Medicine, University of Sarajevo |

PERSONAL SKILLS

Mother tongue(s) Bosnian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
GERMAN	B2	B2	B2	B2	B2
Replace with name of language certificate. Enter level if known.					
ENGLISH	B2	B2	B2	B2	B2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Computer skills ▪ Ms Office (Microsoft Excel, Microsoft Word, Power Point...)

Other skills Driving licence "B" category

Teaching and pedagogical work

Participation in classes at undergraduate studies:

- 1) University "Džemal Bijedić" Mostar: Faculty of Agriculture, Food Safety
- 2) Faculty of Pharmacy and Health, University of Travnik, teacher responsible for the courses: Basics of technology and food storage, Toxicological chemistry and DDD
- 3) University/University "Vitez" Travnik: Faculty of Health Care (responsible teacher for subjects: Food Safety, Toxicology, Basics of Technology and Food Storage, and Sanitary-Environmental Legislation and Supervision)
- 4) University of B&Hac: High School of Health (responsible teacher for the subject: Sanitary Inspection)

Participation in postgraduate studies:

- 1) Postgraduate study "Hygiene and food technology" Faculty of Veterinary Medicine, University of Sarajevo (2009/2010 academic year).
- 2) Postgraduate-Master study program "Food and Beverage Quality Control". Faculty of Agriculture and Food, University of Sarajevo, 2009.
- 3) Postgraduate study of the Faculty of Agronomy, University of Mostar; study group "Ecology and environmental management", responsible holder of the subjects: "Food safety" and "Toxicology"
- 4) Master's degree at the University/University "Vitez" Travnik - Faculty of Health Care (majoring in Sanitary Engineering), subject "Food Safety"

Membership in commissions for master's theses:

- 1) University of Sarajevo, Faculty of Agriculture and Food. Member of the Commission for the evaluation and defense of the master's thesis. Candidate: Džemil Hajrić. Sarajevo, 2011.

Master's theses mentors

- 1) Edisa Brkić "REPRESENTATION OF AFLATOXIN M1 IN MILK ON THE MARKET OF THE UNSKA-SAN CANTON WITH ASSESSMENT OF HUMAN HEALTH RISKS" (University/University "Vitez" Travnik - Faculty of Health Care) - work in progress
- 2) Amra Čolić "THE PRESENCE OF CADMIUM IN THE MEAT OF CATTLE IN THE AREA OF CENTRAL BOSNIA CANTON WITH THE ASSESSMENT OF HUMAN HEALTH RISKS" (University/University "Vitez" Travnik - Faculty of Health Care) - work in progress
- 3) Mehmed Hero "RISK ASSESSMENT DUE TO DIETARY EXPOSURE TO PESTICIDE RESIDUES IN FRUIT" (Džemal Bijedić University Mostar-Agro-Mediterranean Faculty)
- 4) Dženita Sarajlić "EXAMINATION OF SANITARY AND HYGIENIC CONDITIONS IN KINDERGARTEN ZENICA"
- 5) Azra Hodžić "RESEARCH ON THE PRESENCE OF BETA-GLUCAN IN FOOD SUPPLEMENTS ON THE MARKET OF BOSNIA AND HERZEGOVINA"
- 6) Mara Mustapić "SIGNIFICANCE", ADVANTAGE AND ANALYSIS OF THE HACCP SYSTEM IN CATERING FACILITIES AND COMPARISON WITH OTHER CONTROL SYSTEMS IN ENSURING HEALTHY FOOD"
- 7) Antonela Budić "ASSESSMENT OF HEALTHY FOOD AND HYGIENE"

	AND SANITARY CONDITIONS BEFORE AND AFTER THE INTRODUCTION OF THE HACCAP SYSTEM IN FAST FOOD ESTABLISHMENTS"
Mentors of graduate theses:	8) "CAFFEINE EXPOSURE WITH RISK ASSESSMENT ON HEALTH STATUS", 2022, University of Travnik, Faculty of Pharmacy and Health Mentor of a large number of diploma theses at the Faculty of Pharmacy and Health, University of Travnik and the Faculty of Health Care of the University/University "Vitez" Travnik.
Membership in commissions for assessment and defense of graduate theses:	Membership in a large number of Committees for the evaluation and defense of doctoral, master's and diploma theses at the Agricultural Mediterranean Faculty Mostar, the Faculty of Pharmacy and Health, the university and the Faculty of Health Care of the University/University "Vitez" Travnik.
Active membership in international and domestic scientific and professional organizations and associations:	1) Representative of Bosnia and Herzegovina in the FAO High-level Panel of Experts for Food Safety (HLPE): Decision on the appointment of a B&H representative to the High-level Panel of Experts for Food Safety at the Food and Agriculture Organization ("Official Gazette of B&H", number 47/09). 2) President of the Expert Crisis Staff for the preparation of the General Crisis Management Plan in the field of food safety: Decision of the Council of Ministers of B&H. 3) Expert interdepartmental working group for drafting the Law on GMOs appointed by the B&H Council of Ministers ("Official Gazette of B&H", No. 81/07) (Chairman of the Working Group). 4) Member of the Working Group (expert) of the B&H Ministry of Security of the B&H Ministry of Security.
Coordinator of drafting regulations in the field of food:	1) Chairman of the expert interdepartmental working group for the drafting of the Law on GMOs (2008-2009). 2) Coordinator on the assessment of the impact of regulations in the institutions of Bosnia and Herzegovina (Council of Ministers "Official Gazette" No. 103/18 - 2018, Sarajevo). 3) Member of the Council for Genetically Modified Organisms - Decision of the Council of Ministers (2019).
Membership in scientific and organizational committees of scientific and expert assembly:	1) IV Symposium on Agriculture, Veterinary Medicine, Forestry and Biotechnology, 21-23 September 2006, Zenica, B&H (member of the Organizing Committee) 2) 2nd Congress of Veterinarians Republic of Srpska (B&H), Banja Luka, October 24-27. 2007 (member of the Organizing Committee) 3) XXI scientific-professional conference of agriculture and food industry", Neum, Bosnia and Herzegovina, September 29-October 2, 2009. (Member of the Honorary Board) 4) Seminar "Food for health - Dietary products in health and disease". Tuzla, 01.07.2011. (Member of the Editorial and Scientific Committee) 5) Get to Know the EU: Consumer rights in Bosnia and Herzegovina and European practices (training and Symposium). Tuzla, 22-23 May 2012. (Member of the Editorial Board) 6) Fifth International Symposium "Food to Health". Tuzla, 2012 (member of the Editorial and Scientific Board) 7) III INTERNATIONAL SYMPOSIUM AND XIX SCIENTIFIC CONFERENCE OF AGRONOMISTS OF REPUBLIC OF SRPSKA (March 25th – 28th, 2014, Trebinje, Bosnia and Herzegovina) (member of the Honorary Committee)
Invited lectures:	1) Zenica Cantonal Institute for Public Health, Service for Hygiene and Health Ecology, med-eco EPI department. Seminar "Healthy food – basic human right". Zenica, B&H, 16.10.2007. 2) Invited lecture: Twining Project B&H "Support to the State Veterinary Office" EU-Project number. BA05/IB/AG/01, 2007. 3) Zenica Cantonal Institute for Public Health, Service for Hygiene and Health Ecology, med-eco EPI department. Seminar "Mycotoxins in foodstuffs - dangerous invisible killers". Zenica, B&H, 16.10.2008. 4) Invited lecture: Workshop: European Commission, TAIEX & Food Safety Agency B&H: "EU legislation on food hygiene and official control". Mostar, B&H, 2008.

- 5) Participation in the III scientific and professional consultation "agroTECH 2008" Gradačac, Bosnia and Herzegovina, 2008. Topic: Food safety system in Bosnia and Herzegovina.
- 6) Cantonal Institute for Public Health of Zenica-Doboj Canton Zenica, Service for Hygiene and Health Ecology, Med-eko EPI department. Seminar "Genetically modified organisms in human and animal nutrition - dilemmas and perspectives", lecture: "B&H Food Safety Agency - the path to European standards in the field of food safety". Zenica, 12.10.2009.
- 7) Invited lecture: Workshop: The self-determined consumer: EU consumer protection policy for food products. Sarajevo, March 26-27, 2009.
- 8) **Mačkić S.** "Food safety system in Bosnia and Herzegovina". XX scientific-professional conference of agriculture and food industry", Neum, Bosnia and Herzegovina, September 30-October 3, 2009.
- 9) Invited lecture: Seminar: "Presentation of the model of the Food Safety Agency of B&H and the National Food Center of the Kingdom of Spain", organized by the National Food Center and the General Sub-Directorate for Risk Management of the Spanish Agency for Food Safety, Food and Nutrition. Sarajevo, Bosnia and Herzegovina, April 28, 2009.
- 10) Invited lecture: TAIEX: Detection of GMO presence in food and feed. Sarajevo (workshop), Bosnia and Herzegovina, September 24, 2009.
- 11) Invited lecture: TAIEX: Workshop on the RASFF, Sarajevo, B&H, 21.08.2009.
- 12) Introductory lecture: "Seminar on food safety in order to strengthen inspection services", 11.12.2009. year, Mostar, Bosnia and Herzegovina, organized by the EC and the Agency for Food Safety of Bosnia and Herzegovina within the framework of the IPA program;
- 13) **Mačkić S.** "B&H Food Safety System". IV Consulting on food production and processing "agroTECH 2009". Gradačac, Bosnia and Herzegovina, 2009 (plenary lecture)
- 14) Cantonal Institute for Public Health of Zenica-Doboj Canton Zenica, Service for Hygiene and Health Ecology, Med-eko EPI department, seminar "Role and importance of public health in the food quality management system", lecture: "Role and importance of public health in the system of food quality management", Zenica, 14.10.2010.
- 15) Ministry of Security of Bosnia and Herzegovina: 5th course in the field of security policy, lecture on the topic: "Social policy - Food security in Bosnia and Herzegovina", Sarajevo, 2010.
- 16) Seminar "Assessment and analysis of risks in the matter of food safety: Situation, facts and data in the EU and Bosnia and Herzegovina in 2009", Jahorina, 30-31 March 2010.
- 17) Conference "Analysis of the status quo of B&H laboratories for food safety: Current situation and future implications", Ilidža, B&H, 30.06.2010. organized by the EC and the B&H Food Safety Agency within the framework of the IPA program.
- 18) Introductory lecture: TAIEX: Workshop on sampling and analysis for official controls. Sarajevo, September 15, 2010.
- 19) Introductory lecture: TAIEX Seminar on the topic "Obligations of subjects in the food business in the implementation of the hygiene package", Sarajevo, 14.02.2011.
- 20) Introductory lecture: TAIEX seminar "Food and health claims", Sarajevo, 15 March 2011.
- 21) Introductory lecture: TAIEX seminar "Microbiological criteria in food and organization of official controls", Banja Luka, April 13-14, 2011.
- 22) EFSA/Food Safety Agency of B&H "First Conference on Food Safety in B&H". Introductory lecture. Sarajevo, 07.06.2011.
- 23) Introductory lecture TAIEX seminar "Workshop on natural mineral, natural spring and table waters", Sarajevo, 06.10.2011.

- 24) Introductory lecture TAIEX "Seminar on food additives", Banja Luka, 30.11.2011.
- 25) Ministry of Security of Bosnia and Herzegovina: VI course in the field of security policy, lecture: "Social policy - Food security in Bosnia and Herzegovina", Sarajevo, 2011.
- 26) Introductory lecture, TAIEX workshop "Materials in contact with food", Sarajevo, February 24, 2012.
- 27) TAIEX workshop "Food for special dietary needs", Sarajevo, May 31, 2012.
- 28) International University in Sarajevo, lecture on "Harmonization of legislation in the field of food" as part of the Workshop "Cross-border cooperation between the Republic of Turkey and Bosnia and Herzegovina in the field of agriculture" (2013).

Participation in seminars, training and conferences:

- 1) Seminar: "Strategic planning in the context of the development of action policies", B&H Civil Service Agency, 2007.
- 2) Seminar "Shaping the future - what should we do?" B&H Civil Service Agency, 2007.
- 3) II congress of veterinarians of the Republic of Srpska with international participation. Banja Luka, October 24-27, 2007.
- 4) Workshop on WTO and SPS Agreements. A Framework for National Food Control Systems in Bosnia and Herzegovina. CLDP, United States Department of Commerce, Sarajevo, B&H, September 18-20, 2007.
- 5) CARDS Twinning – Project "Exchange of best practice with German administration", 7th of March 2008. Sarajevo, B&H.
- 6) 4th Central European Congress on Food & 6th Croatian Congress of Food Technologists, Biotechnologists and Nutritionists. Cavtat, Croatia, May 15-17, 2008.
- 7) Training project on European integration: "European integration", B&H Civil Service Agency, 2008.
- 8) III scientific and professional consultation "agroTECH2008". Gradačac, 2008.
- 9) Workshop: European Commission, TAIEX & Food Safety Agency B&H: "EU legislation on food hygiene and official control" Mostar, B&H, 2008.
- 10) Regional Conference "Open Regional Fund for South East Europe - Legal Reform" Vodice, Croatia, 29 May - 01 June 2008.
- 11) Inwent; DEI. The self-determined consumer: EU consumer protection policy for food products. Sarajevo, March 26-27, 2009.
- 12) Seminar "Presentation of the National Center for Food and the General Sub-Directorate for Risk Management of the Spanish Agency for Food Safety and Nutrition". Sarajevo, 2009.
- 13) TAIEX "EU RASFF-rapid alert system for food and feed", Sarajevo, 21.08.2009. years.
- 14) Third International Congress "Ecology, health, work and sport". Banja Luka, September 10-13, 2009.
- 15) TAIEX EC: Detection of GMO presence in food and feed. Sarajevo (workshop), Bosnia and Herzegovina, September 24, 2009.
- 16) Agropress&USAID&Ministry of Agriculture, Forestry and Water Management of the Republic of Serbia: Conference "Food Safety-Risks and Challenges", March 17, 2012. Belgrade, Serbia.
- 17) Seminar on food safety in order to strengthen inspection services", 11.12.2009. year, Mostar, Bosnia and Herzegovina, organized by the EC and the Agency for Food Safety of Bosnia and Herzegovina within the framework of the IPA program;
- 18) TAIEX seminar: Multi-year control plans. Banja Luka, 02/03/2012.
- 19) OPERA&Istituto Zooprofilattico sperimentale dell, abruzzo&Agroconsulting Europe&Food Safety Agency B&H: "Introduction Seminar to legal approximation in B&H". Mostar, 17.03.2010.

- 20) OPERA&Istituto Zooprofilattico sperimentale dell'abruzzo&Agroconsulting Europe&Food Safety Agency B&H: "Assessment and analysis of risks regarding food safety: Situation in the EU and BH, data and facts in 2009". Sarajevo, 30-31 March 2010.
- 21) The first planning conference for the creation of an assessment of B&H's vulnerability to natural and other disasters. Sarajevo, 13-14 April 2010.
- 22) The second planning conference for the assessment of B&H's vulnerability to natural and other disasters. Sarajevo, 01-02.06.2010.
- 23) Conference "Risk analysis in the field of food safety", 10.06.2010. year, Croatian Food Agency.
- 24) Conference "Analysis of the status quo of B&H laboratories for food safety: Current situation and future implications", Ilidža, B&H, 30.06.2010. organized by the EC and the B&H Food Safety Agency within the framework of the IPA program.
- 25) 15. Summer University Tuzla. Course: "Nutritional supplements in health and disease". Tuzla, July, 2010.
- 26) TAIEX "Workshop on sampling and analysis for official controls", Sarajevo, 15.09.2010.
- 27) Expert meeting: "The first decade of the new century - public health challenges and new trends in public health". Zenica, 16-18 September 2010.
- 28) The third planning conference for the assessment of B&H's vulnerability to natural and other disasters. Sarajevo, 21-22 September 2010.
- 29) XXI Scientific-professional conference of agriculture and food industry. Faculty of Agriculture and Food, Neum, 29.09.-02.10.2010
- 30) II International Scientific Symposium "Molecular-genetic research today and the possibilities of their application". Tuzla, 22.10.2010.
- 31) The fourth planning conference for the assessment of B&H's vulnerability to natural and other disasters. Sarajevo, 02-04.11.2010.
- 32) The fifth planning conference for the assessment of B&H's vulnerability to natural and other disasters. Sarajevo, 02-03.12.2010.
- 33) TAIEX "Obligations of subjects in the food business in implementing the hygiene package", Sarajevo, 14.02.2011.
- 34) TAIEX "Nutrition and Health Claims", Sarajevo, 15 March 2011.
- 35) TAIEX "Microbiological criteria in food and organization of official controls", Banja Luka, April 13-14, 2011.
- 36) Training on Regulatory Impact Assessment (RIA) - October 16, 2019. Sarajevo
- 37) EFSA/B&H Food Safety Agency "First Conference on Food Safety in B&H", Sarajevo, June 7, 2011.
- 38) 16. Summer University Tuzla. Course: "Dietary products in health and disease". Tuzla, July, 2011.
- 39) University of Tuzla, Faculty of Technology & Center for technology, ecology and health food. Scientific Symposium: "Tourist-catering and environmental resources of Bosnia and Herzegovina". Tuzla, October, 2011.
- 40) TAIEX "Workshop on natural mineral, natural spring and table waters", Sarajevo, 06.10.2011.
- 41) TAIEX "Use of food additives", Banja Luka, 30.11.2011.
- 42) TAIEX "Materials in contact with food", Sarajevo, 24.02.2012.
- 43) TAIEX "Food for special nutritional needs", Sarajevo, 2012.
- 44) Get to Know the EU: Consumer rights in Bosnia and Herzegovina and European practices (training and Symposium). Tuzla, 22-23 May 2012. (Bosnia-Herzegovina).
- 45) Training and supporting program for the implementation and the enforcement of EU legislation on GMOs in Bosnia and Herzegovina (laboratory component). II modules 21-25 May 2012.

- 46) Training and supporting program for the implementation and the enforcement of EU legislation on GMOs in Bosnia and Herzegovina (laboratory component). III modules 11-13 June 2012. Sarajevo, B&H.
- 47) International conference of submediterranean agriculture, Mostar, 22-24 November 2012.
- 48) III INTERNATIONAL SYMPOSIUM AND XIX SCIENTIFIC CONFERENCE OF AGRONOMISTS OF REPUBLIC OF SRPSKA (March 25th – 28th, 2014, Trebinje, Bosnia and Herzegovina)
- 49) TAIEX "Workshop on Transposition of legislation relating to honey bee keeping and bee products" 15-16 May 2019, Banja Luka
- 50) TAIX "Workshop on Preparation of Official Control Plans Based on Risk Analysis" 27-28 September 2018, Banja Luka
- 51) TAIEX "Workshop on Implementation of Hygiene Package December 18-19, 2018. Mostar
- 52) Workshop "Research results of traditional food with the potential of geographical indications in Bosnia and Herzegovina", February 24, 2022, Neum;
- 53) Workshop "Practical tools for preparing and evaluating GI specifications and creating an internal control plan", July 19 and 20, 2022, Jahorina;
- 54) Workshop "Practical tools and examples for the preparation and evaluation of GI specifications by the competent commission", September 6 and 7, 2022, Neum;
- 55) Final presentation of the FAO project "Strengthening the administrative system for the management and support of geographical origin protection labels (TCP/BIH/3801)", September 14, 2022, Konjic.

Study trips:

- 1) TWENTY-SIXTH SESSION OF THE FAO/WHO COORDINATING COMMITTEE FOR EUROPE, Warsaw, Poland, 7-10 October 2008.
- 2) High level conference on world food security: the challenges of climate change and bioenergy. Rome, Italy, 3-5 June 2008. (Representative of Bosnia and Herzegovina)
- 3) Study visits to the National Center for Food and the General Sub-Directorate for Risk Management of the Spanish Agency for Food Safety, Food and Nutrition, November 2008.
- 4) JOINT FAO/WHO Food Standards Programme, Codex Alimentarius Commission, Thirty-second Session, Rome, Italy, 29 June – 4 July 2009.
- 5) EFSA Legal and Policy Affairs Unit (pre-accession program): "Seminar on EFSA in the EU food safety system" EFSA. Budva, 04-05. November 2009
- 6) TWENTY-SIXTH SESSION OF THE CODEX COMMITTEE ON GENERAL PRINCIPLES, Paris, France, April 12-16, 2010.
- 7) EFSA Legal and Policy Affairs Unit (pre-accession program): Seminar for potential candidate countries "Handling food crises: tasks and responsibilities of the risk assessor", Parma, Italy, 23/24 June 2010.
- 8) Seminar for potential candidate countries "Dietary Reference values, Nutrition and Health Claims", Parma, Italy (September 21-23, 2010).
- 9) EFSA Advisory Forum and Scientific Cooperation Unit (pre-accession program): Study visit to the Danish Food Institute. Copenhagen, 15/16 June 2011.
- 10) Study visits to the Irish Food Safety Authority in Dublin, Republic of Ireland, 23-26 October 2011.
- 11) EFSA seminar Chemical Contaminates and Emerging Risks. Ankara, 6/7 April 2011.
- 12) EFSA Pre-Accession Seminar on Animal Health and Welfare. Budva, 25/26 January 2012.
- 13) CODEX ALIMENTARIUS COMMISSION. Thirty-fifth Session FAO Headquarters, Rome, Italy 2-7 July 2012.

- 14) EFSA Advisory Forum and Scientific Cooperation Unit (pre-accession program): Study tour to the Irish Food Safety Authority. Ireland, 23/24 April 2013.
- 15) JOINT FAO/WHO FOOD STANDARDS PROGRAM CODEX ALIMENTARIUS COMMISSION Thirty-sixth Session FAO Headquarters, Rome, Italy 1-5 July 2013.
- 16) FAO-CCEURO Regional Consultation on strengthening capacities for food safety risk analysis and enhancing participation in Codex work 18th September 2013 National Veterinary Research Institute, Pulawy, Poland.
- 17) USAID/FARMA&National Laboratory for Health, Environment and Food, Maribor, Slovenia (November, 2013)
- 18) EFSA "Seminar on risk communication" (Belgrade, Serbia, May 6-7, 2014)

Bibliography Manual:

- 1) Vojislav T, Bajrović K, Vidović S, Ostojić I, Terzić R, Ballian D, Subašić, Đ. **Mačkić S**, Radović R. Čolaković A. Manual for sampling products that contain and/or consist of or originate from genetically modified organisms (GMO), Food Safety Agency of B&H, 2013

Monography:

- 1) Trkulja V, Bajrović K, Vidović S, Ostojić I, Terzić R, Ballian D, Subašić Đ. **Mačkić S**, Čolaković A. Genetically modified organisms (GMOs) and biosafety (second expanded edition), Food Safety Agency of B&H 2013

Guidelines:

- 1) **Mačkić S**, Brenjo D. Food additives. B&H Food Safety Agency, 2010.
- 2) **Mačkić S**, Ahmetović N, Hajrić DŽ. Guidelines for food additives in food for special nutritional needs. B&H Food Safety Agency, 2010.
- 3) **Mačkić S**, Ahmetović N, Mujkić M. Guidelines for food additives in food for infants and young children. B&H Food Safety Agency, 2010.
- 4) **Mačkić S**, Đerić Z, Tomović D. Guidelines for the use of food additives in meat and meat products. B&H Food Safety Agency, 2010.
- 5) **Mačkić S**, Brenjo D, Konjić E. Guidelines for the use of food additives in milk and milk products, pudding and ice cream. B&H Food Safety Agency, 2010.
- 6) **Mačkić S**, Arar K, Čindrak M. Guidelines for the use of food additives in beer and wine. B&H Food Safety Agency, 2010.
- 7) **Mačkić S**, Brenjo D, Bajramović N. Guide for registration of marks of originality, geographical origin and traditional reputation of food. B&H Food Safety Agency, 2010.
- 8) **Mačkić S**, Hajrić DŽ, Konjić E. Food safety guide for primary producers. B&H Food Safety Agency, 2010.
- 9) **Mačkić S**, Đerić Z. Guidelines on standards for placing eggs on the market, Agency for Food Safety B&H, 2011.
- 10) **Mačkić S**, Đerić Z, Đedović E. Guidelines on microbiological criteria for food. B&H Food Safety Agency, 2011.
- 11) **Mačkić S**, Pljevljak. Guidelines on grain sampling methods. B&H Food Safety Agency, 2011.
- 12) Ahmetović N, **Mačkić S**, Food additives in food for special nutritional needs of B&H, 2010

University book:

- 1) **Mačkić S**, Ahmetović N. Basics of regulatory food toxicology. "Džemal Bijedić" University, Faculty of Agro-Mediterranean Mostar, 2012. University textbook.

Scientific papers in domestic and foreign journals:

- 1) **Mačkić S**. Examination of Q-fever in dogs in the territory of the Federation of Bosnia and Herzegovina. Veterinaria – Vol. 54 (Supplement): 1-6, Sarajevo, 2005.
- 2) **Mačkić S**, Katica V. Planning, implementation and control of disinfection measures in the commands and units of the Army of the Federation of Bosnia and Herzegovina. Veterinaria Vol. 54 (Supplement): 7-14, Sarajevo, 2005.

- 3) Zuko A, Jažić A, Omeragić J, Sinanović N, **Mačkić S**. Helminth fauna of ruminants in the mountain areas of Bosnia and Herzegovina. Veterinaria Vol. 54 (Supplement): 15-24, 2005.
- 4) Ahmetovic N, **Mačkić S**, Beslagic. Significance of Confirmation of Food Legislation in Bosnia and Herzegovina with the EU. Materia Socio Medica, 21(4): 224-228 (2009).
- 5) **Mačkić S**, Ahmetovic N. Toxicological profiles of highly hazardous herbicides with special reference to carcinogenicity to humans. Herbologia Vol. 12, No. 2: 55-60 (2011).
- 6) Antunović B, Varga I, Kralik Gordana, Baban Mirjana, Poljak V, Njari B, Pavičić Ž, **Mačkić S**. Computer simulation as a tool for risk assessment of terrorist attacks in a food production chain. Krmiva 53, Zagreb 1: 31-46 (2011).
- 7) **Mačkić S**, Ahmetovic N. Zearalenone effect on uterine weight of rats. Agriculturae Conspectus Scientificus. Vol. 77, No. 3: 137-141 (2012).
- 8) Aida Šukalić, Nihada Ahmetović, **Sejad Mačkić**, Amra Čolić, Mehmed Hero. Human health risk assessment of lead in nectarines, Acta Agriculturae, Serbica, Vol. XXIII, 45 (2018); 51-59.
- 9) Aida Šukalić, Nihada Ahmetović, **Sejad Mačkić**, Alma Leto, Ahmed Džubur, Boris Antunović. Human Health Risk Assessment of Heavy Metals from the Agricultural Soil in South Herzegovina. Agriculture Conspectus Scientificus Vol 83 NO (45-50) (2018)
- 10) Amra Čolić, **Sejad Mačkić**, Nihada Ahmetović, Boris Antunović, Aida Šukalić, Edisa Brkić, Mehmed Hero, Azra Hodžić, Enida Karić. Human Health Risk Assessment of Cadmium from Cattle Meat and Offal in Central Bosnia Canton. Agriculture Conspectus Scientificus. Vol. 82 NO. 3 (315-320) (2017).
- 11) Nihada Ahmetović, Azra Hodžić, **Mačkić Sejad**, Amra Čolić, Enida Karić, Amila Hodžić: Beta-glucan in diet of students in Sarajevo canton. Journal of Hygienic Engineering and Design, Vol. 25, pp. 39-43, 2018
- 12) Azra Hodžić, Nihada Ahmetović, **Mačkić Sejad**, Amra Čolić, Amila Hodžić, Enida Karić: The presence of beta-glucan in food supplements on the market of Bosnia and Herzegovina. Book of abstracts, 11th international scientific-expert meeting Food for Health, Split, Croatia, October 18-19, 2018.
- 13) Azra Hodžić, Nihada Ahmetović, **Mačkić Sejad**, Amra Čolić, Amila Hodžić, Enida Karić: Risks of using food supplements and nutravigilance, IV International Symposium "Days of Laboratory Diagnostics and Sanitary Techniques of B&H", Tuzla, May 10-13, 2018
- 14) Mehmed Hero, **Mačkić Sejad**, Nihada Ahmetović, Amra Čolić, Aida Šukalić, Azra Hodžić, Edisa Brkić, Enida Karić: Dietary risk assessment of pesticide residues in bananas. Journal of Hygienic Engineering and Design. Vol. 22, pp. 61- 65, 2018.
- 15) Azra Hodžić, **Mačkić Sejad**, Nihada Ahmetović, Aida Šukalić, Amra Čolić, Edisa Brkić, Enida Karić: Nutritional supplements on the B&H market with special reference to probiotics. Book of abstracts, 1st Sanitary Engineering Symposium with international participation, Sarajevo, April 22-23, 2017.
- 16) Hero Mehmed, **Mačkić Sejad**, Ahmetović Nihada, Šukalić Aida, Čolić Amra, Edisa Brkić: Risk assessment as a Result of Dietary Exposure Residues of Pesticides from Oranges. Book of Abstracts, 27 International Scientific-Expert Congress of Agriculture and Food Industry, Bursa, Turkey, 26-28 September 2016.
- 17) Ahmetović N, Avdagić A, **Mačkić S**, Karić E, Bačić A, Asotić J. Blood Sample Collection and Doping Detection of Human Growth Hormone in Bosnia and Herzegovina. Vox Scientiae PHARM-HEALTH, Volume 5, Number 1, 2017, 3- 8. Original scientific paper

Scientific papers in proceedings (symposia and congresses):

- 18) **Mačkić S**, Ahmetović N, Antunović B, Miskulin M, Karić E. Study of the effects of zearalenone on ovarian weight of rats. Journal of Hygienic Engineering and Design, Vol. pp. 29-33, 2017. Original scientific paper
- 1) **Mačkić S**, Obradović Z, Katica V, Filipović S, Bajramović N. Q-fever in the Federation of B&H with special reference to the Herzegovina-Neretva Canton in the period 2003-2005. VIII Consultation in clinical pathology and animal therapy with international participation: Clinica Veterinaria, Neum, Bosnia and Herzegovina, 26-30 June 2006. Proceedings.
- 2) Mujezinović I, Muminović M, Smajlović A, **Mačkić S**, Muminović E, Bećirović E. "The effect of indole-2-carboxylic acid and its combination with ketamine and aminoacetic acid on the survival time of mice with experimental tetanus." VIII Consultation in clinical pathology and animal therapy with international participation: Clinica Veterinaria, Neum, Bosnia and Herzegovina, 26-30 June 2006. Proceedings.
- 3) Smajlović A, Muminović M, Mujezinović I, Smajlović M, **Mačkić S**, Muminović E. Presence of aflatoxin in foods of plant and animal origin in Bosnia and Herzegovina during 2005. VIII Consultation on clinical pathology and animal therapy with international participation: Clinica Veterinaria, Neum, Bosnia and Herzegovina, June 26-30, 2006. Proceedings.
- 4) **Mačkić S**, Mornjaković Z, Ožegović L, Prašović S, Kapić D, Šahinović M. Histological status of the reproductive organs of female Wistar rats under the conditions of zearalenone intake. Third B&H Symposium "Morphology in Science and Practice" with international participation Sarajevo, B&H, September 23-25, 2009. Folia medica facultatis medicinae Universitatis Sarajevensis (2009) 44 (1-suppl): 33.
- 5) **Mačkić S**, Ahmetovic N, Hajric Dz. The presence of Ochratoxins A in coffee and nuts in Bosnia and Herzegovina. Proceedings 22nd Scientific and Educational seminar DDD and ZUP 2010 "Disinfection, disinfestation, deratization and protection of stored agricultural products". Pula, Croatia, 24-26 March 2010. Proceedings (2010) 83-89. Reviewed, collected, indexed in CAB.
- 6) **Mačkić S**, Ahmetovic N. EU legislation in the field of special dietary needs with special emphasis on pesticide residues in the food formula for infants. Proceedings 22nd Scientific and Educational seminar DDD and ZUP 2010 "Disinfection, disinfestation, deratization and protection of stored agricultural products". Pula, Croatia, 24-26 March 2010. Proceedings (2010) 91-98. Reviewed collection, indexed in CAB.
- 1) **Mačkić S**, Čutuk R, Zahirović A, Adilović E, Čoralić A, Vrhović M, Čutuk A. Q-fever - prevalence, etiology and epizootiology in dogs in the FB&H area. Third symposium of agriculture, veterinary medicine, forestry and biotechnology "Strategy of domestic production", Sanski Most, Bosnia and Herzegovina, 28-30 September 2005.
- 2) **Mačkić S**, Katica V. Brucellosis, prevalence in domestic animals and occurrence in the territory of the Federation of Bosnia and Herzegovina in the period 2000-2005. Brucellosis - public health problem in the Federation of Bosnia and Herzegovina in the period 2000-2005. XX symposium on infectious diseases with international participation, Sarajevo, 2006. Book of abstracts.
- 3) Obradović Z, Habota, **Mačkić S**. Public health aspect of brucellosis - own experiences. XX symposium on infectious diseases with international participation. Sarajevo, 2006. Book of summaries.
- 4) Đerić Z, **Mačkić S**. Risk analysis in food production. XIX conference with international participation "Disinfection, disinsection and pest control in the protection of human and animal health", Prolom Banja, Serbia, May 29-June 1, 2008. Proceedings.

Professional papers in proceedings (symposia and congresses):

- 5) **Mačkić S**, Jukić-Grbavac M, Hajrić DŽ, Arar K. EU legislation with reference to the legislation of Bosnia and Herzegovina. 38th Croatian symposium of dairy experts with international participation. Lovran, Croatia, November 23-26, 2008. Collection of abstracts.
- 6) **Mačkić S**, Arar K, Hajrić DŽ. Significance of adopting regulations on genetically modified food in Bosnia and Herzegovina. International scientific symposium, Tuzla, B&H, 11.10.2008.
- 7) **Mačkić S**, Ahmetović N, Đerić Z, Hajrić DŽ. The presence of heavy metals in mill-bakery products in B&H in 2009. IV Consultation on food production and processing "agroTECH 2009". Gradačac, B&H, September, 2009. Book of abstracts, 14-15.
- 8) **Mačkić S**, Ahmetović N, Hajrić DŽ, Đerić Z. Significance of harmonization of food regulations in B&H with EU directives with special reference to mycotoxins. IV Consulting on food production and processing "agroTECH 2009". Gradačac, B&H, September, 2009. Book of abstracts, 12-13.
- 9) Ahmetović N, **Mačkić S**, Hadžigrahić N. Importance of nutrition in the prevention and therapy of chronic wounds. The first symposium on the prevention and treatment of chronic wounds in Bosnia and Herzegovina with international participation, Tuzla, Bosnia and Herzegovina, October 01-02, 2009. Proceedings (reviewed), 99-109.
- 10) Ahmetović N, **Mačkić S**, Bešlić Z. Significance of harmonizing food regulations in B&H with EU legislation. VI days of social medicine-public health of FB&H "Health, human rights and reform processes". Sarajevo, B&H, 08.-10.10.2009. Collection of abstracts, 31-32.
- 11) **Mačkić S**, Ahmetović N. Significance of harmonizing regulations on maximum permitted levels of contaminants in food with EU legislation. Third international congress "Ecology, health, work, sport" Global changes - Challenges for ecology, health, work and sport. Banja Luka, 10.-13. September 2009. Proceedings (reviewed), 370-375.
- 12) Ahmetović N, **Mačkić S**. Significance of the membership of the Food Safety Agency of Bosnia and Herzegovina in the WHO/FAO INFOSAN network. Third international congress "Ecology, health, work, sport" Global changes - Challenges for ecology, health, work and sport. Banja Luka, 10.-13. September 2009. Proceedings (reviewed), 43-46.
- 13) **Mačkić S**, Ahmetović N, Đerić Z. The most frequently present pathogenic microorganisms in food samples determined within the framework of food monitoring in B&H. Third international congress "Ecology, health, work, sport" Global changes - Challenges for ecology, health, work and sport. Banja Luka, 10.-13. September 2009. Proceedings (reviewed), 376-380.
- 14) Ahmetović N, **Mačkić S**. Significance of European directives and standards of the Codex Alimentarius Commission in the field of food for special nutritional needs. Third international congress "Ecology, health, work, sport" Global changes - Challenges for ecology, health, work and sport. Banja Luka, 10.-13. September 2009. Proceedings (reviewed), 47-51.
- 15) **Mačkić S**, Ahmetović N. Assessment of health risks from zearalenone in food. VI symposium on plant protection in Bosnia and Herzegovina. Tuzla, 08-10.12.2009. Collection of abstracts, 11.
- 16) **Mačkić S**, Ahmetović N, Čindrak M. Presence of pesticides in mill-bakery products in Bosnia and Herzegovina. VI symposium on plant protection in Bosnia and Herzegovina. Tuzla, 08-10.12.2009. Collection of abstracts, 15.
- 17) **Mačkić S**, Poljak S, Ahmetović N, Hajrić DŽ. The presence of mycotoxins in food within the framework of risk assessment-monitoring in B&H in 2009. 45th Croatian and 5th International Symposium of Agronomists, Opatija, 15-19 February 2010. Collection of abstracts (reviewed), 221-222. Reviewed, collected, indexed in CAB.

- 18) **Mačkić S**, Poljak S, Ahmetović N, Hajrić Dž. The presence of contaminants in food in the period 2006-2009. years in the territory of Bosnia and Herzegovina. 45th Croatian and 5th International Symposium agronomist; Opatija, 15-19 February 2010. Collection of abstracts (reviewed), 223-224. Reviewed, collected, indexed in CAB.
- 19) **Mačkić S**, Đerić Z, Ahmetović N, Bajramović N, Antunović B. Significance of passing regulations on genetically modified food in Bosnia and Herzegovina. 34th Expert meeting with international participation "Healthy ecology in practice - nutritional and health claims" Zagreb, Croatia, April 21-23, 2010.
- 20) **Mačkić S**, Ahmetović N, Poljak V, Mujkić M. Laboratory control of food in Bosnia and Herzegovina-state and perspectives. 34th Expert meeting with international participation "Healthy ecology in practice - nutritional and health claims" Zagreb, Croatia, April 21-23, 2010.
- 21) Ahmetović N, **Mačkić S**, Bešlagić Z, Mujkić M. International regulation in the field of marketing formulas/substitutes for breast milk. VII days of social medicine-public health FB&H "The first decade of the new century, challenges of public health and new trends in public health." Zenica, 16-18 September 2010. Collection of abstracts, 77-78.
- 22) Ahmetović N, **Mačkić S**. Significance of human resource management in the Food Safety Agency of Bosnia and Herzegovina. VII days of social medicine-public health FB&H "The first decade of the new century, challenges of public health and new trends in public health." Zenica, 16-18 September 2010. Collection of abstracts, 37-38.
- 23) **Mačkić S**, Ahmetović N, Bešlagić Z, Malićbegović D, Ošijan M, Šahman-Salihbegović S. Regional priority goals of the action plan for the environment and children's health in Europe - Analysis of the situation in B&H in the field of food safety. VII days of social medicine-public health FB&H "The first decade of the new century, challenges of public health and new trends in public health." Zenica, 16-18 September 2010. Collection of abstracts, 75-76.
- 24) **Mačkić S**, Ahmetović N, Čolić E. Relations with the public in the food safety system. VII days of social medicine-public health FB&H "The first decade of the new century, challenges of public health and new trends in public health." Zenica, 16-18 September 2010. Collection of abstracts, 29-30.
- 25) Ahmetović N, **Mačkić S**, Vanis N, Mujkić M. Significance of EU legislation and Codex Alimentarius standards in the field of food intended for people intolerant to gluten. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Proceedings, 1037-1045.
- 26) Ahmetović N, **Mačkić S**, Rudić-Grujić S, Stanić S. Method and means of iodizing salt for human consumption in Bosnia and Herzegovina. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Proceedings, 1028-1036.
- 27) Bajramović Đ, **Mačkić S**, Ahmetović N, Rađo I, Mujkić M, Klarić I, Karakaš S, Miočević T. Health quality of water in the territory of Bosnia and Herzegovina with special reference to the Central Bosnian Canton. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Proceedings, 1064-1072.
- 28) **Mačkić S**, Ahmetović N, Vidačak D, Čolić E. Influence of the media on consumer perception of food hazards. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Proceedings, 1175-1181.
- 29) **Mačkić S**, Ahmetović N, Leto A, Karahmet E, Čolaković A. Mercury originating from fish meat and legal regulations. XXI scientific-professional

- conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Proceedings, 1166-1174. Scientific work.
- 30) **Mačkić S**, Katalenić M, Brenjo D, Ahmetović N, Tomović D. EU legislation in the field of food additives and the situation in Bosnia and Herzegovina. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Proceedings, 1194-1202.
 - 31) Bajramović Đ, **Mačkić S**, Ahmetović N, Rađo I, Mujkić M, Klarić I, Karakaš S, Miočević T. Health quality of water in the territory of Bosnia and Herzegovina with special reference to the Central Bosnian Canton. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Collection of abstracts.
 - 32) **Mačkić S**, Brenjo D, Memić S, Ganić A, Aliman J, Bajramović N. Protection of the geographical origin of food products in Bosnia and Herzegovina. XXI scientific-professional conference of agriculture and food industry, Neum 29.09.-02.10.2010. years. Collection of abstracts.
 - 33) **Mačkić S**, Brenjo D, Ahmetović N. Significance of analytical methods for verifying the authenticity of food from a certain geographical area with special reference to DNA techniques. Second international scientific symposium "Molecular-genetic research today and the possibilities of their application", Tuzla, 22 October 2010.
 - 34) Ahmetović N, **Mačkić S**. Legislation in the field of food additives in food for infants and young children. VII symposium on plant health protection, Teslić, November 9-11, 2010. Collection of abstracts.
 - 35) **Mačkić S**, Pejičić J, Zovko I. Pesticides in food in Bosnia and Herzegovina. VII symposium on plant health protection, Teslić, November 9-11, 2010. Collection of abstracts.36)
 - 36) **Mačkić S**, Ahmetović N, Zovko I. Amount of iodine in salt on the market of Bosnia and Herzegovina. I Congress of Health Ecology, Zagreb, Croatia, April 13-14, 2011. Collection of abstracts, 25-26.
 - 37) Ahmetović N, **Mačkić S**. Air quality index (AQI) in the area of Tuzla municipality. I Congress of Health Ecology, Zagreb, Croatia, April 13-14, 2011. Collection of abstracts, 155-156.
 - 38) Ahmetović N, **Mačkić S**. Evaluation of risks caused by Bisphenol A in materials in contact with food. Seminar "Food for health - Dietary products in health and disease". Tuzla, 01.07.2011. Collection of abstracts, 32-33.
 - 39) **Mačkić S**, Ahmetovic N, Brenjo D. Get to Know the EU: Consumer rights in Bosnia and Herzegovina and European practices (training and Symposium). Tuzla, 22-23 May 2012. Collection of abstracts.
 - 40) Ahmetovic N, **Mačkić S**, Antunovic B, Mujkic M. Total dietary study as a basis for risk assessment. International conference of submediterranean agriculture, Mostar, 22-24 November 2012. Collection of abstracts.
 - 41) **Mačkić S**, Hajric Dz, Colakovic A. Legislation on genetically modified organisms in Bosnia and Herzegovina. International conference of submediterranean agriculture, Mostar, 22-24 November 2012. Collection of abstracts.
 - 42) **Mačkić S**, Tomovic D, Vidacak D. Notifications received through the EU RASFF SYSTEM in the Food Safety Agency of B&H in the period 2008-2012. year. International conference of submediterranean agriculture, Mostar, 22-24 November 2012. Collection of abstracts.

Research projects:

- 1) Food Safety Agency of Bosnia and Herzegovina. Food monitoring in B&H in 2009 (2009).
- 2) DEMA&Ministry of Security B&H&NATO headquarters Sarajevo. Assessment of the threat of B&H from natural or other disasters. B&H, 2010-2011.
- 3) IPA 2007: "Support to implementation and enforcement of B&H Food Legislation". Laboratory network status quo analysis. 2010

Participation in scientific and organizational committees of scientific meetings:

- 4) World Bank "Agricultural and Rural Development Project of Bosnia and Herzegovina" Component A: Information on agriculture and institutional capacity building. Subcomponent 2: Strengthening of the state system of veterinary, food safety and phytosanitary services. TOTAL DIETARY STUDY (TDS), 2011-2012.
- 1) IV Symposium of Agriculture, Veterinary Medicine, Forestry and Biotechnology, 21-23 September 2006, Zenica, B&H (member of the Organizing Committee)
- 2) 2nd Congress of Veterinarians Republic of Srpska (B&H), Banja Luka, October 24-27, 2007 (member of the Organizing Committee)
- 3) XXI scientific-professional conference of agriculture and food industry", Neum, Bosnia and Herzegovina, September 29-October 2, 2009. (Member of the Honorary Board).
- 4) Member of the editorial and scientific board: Seminar "Food for health - Dietary products in health and disease". Tuzla, 01.07.2011.
- 5) Member of the editorial board: Get to Know the EU: Consumer right in Bosnia and Herzegovina and European practices (training and Symposium). Tuzla, 22-23 May 2012.
- 6) Member of the editorial and scientific board: the fifth international symposium "Food for Health". Tuzla, 2012.

Reviews of books/textbooks/journal articles:

- 1) Reviewer of the magazine "poljoprivreda" of the faculty of agriculture, university of osijek (cited: cab abstracts, scopus, national and university library, www.pfos.hr/poljoprivreda; www.hrcak.srce.hr/poljoprivreda). Reviewer
- 2) Zoran đerić. Study on the self-control system – haccp bijeljina 2018.recezent
- 3) Zoran đerić. Regulation/guideline-application of new criteria-microbiology of food 2018.recezent