



Curriculum vitae

Name: Kamelija Madacki Todorović

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Professional Summary

Experienced professional with a background in medical education, medical laboratory diagnostics, forensic medicine, missing persons identification, humanitarian work and academic teaching. Actively involved in projects related to public health for migrants, gender equality, and sensitive populations, including the "Public Health and Migration" project and EDIRE on gender equality.

Professional Experience

SSST Medical Faculty, Academic Advisor

Sarajevo School of Science and Technology (SSST)- Sarajevo, Bosnia and Herzegovina, Medical School University

Oct.2019 - Present

SSST Medical Faculty, Senior Assistant

Sarajevo School for Science and Technology (SSST) — Sarajevo, Bosnia and Herzegovina

Oct.2015 Year – Present

Senior DNA Expert Advisor

Federal Ministry of Interior, Federal Police Administration Sarajevo, Center for Informatics and Forensic Support, Department of Biological Analysis- Sarajevo, Bosnia and Herzegovina.

May 2013 - July 2013

ICMP-Missing Persons Identification Specialist/DNA Analyst

*International Commission on Missing Persons-ICMP — Sarajevo, Bosnia and Herzegovina
June 2004-Feb.2015*

NGO -Catholic Relief Services (CRS), Project Worker

*Sarajevo, Bosnia and Herzegovina
March 1996-Jan.2002*

UKC Sarajevo, Microbiology Laboratory

*Microbiological laboratory, University Clinical Center -Sarajevo, Bosnia and Herzegovina
Feb.1993-June 1996.*

Education**PhDc. Health Sciences**

*Faculty of Health Studies, Sarajevo, Medical study-Sarajevo, Bosnia and Herzegovina.
2022/(current)*

Master's Degree in Genetics

*Faculty of Natural Sciences and Mathematics — Sarajevo, Bosnia and Herzegovina
(2018)*

Medical Laboratory Diagnostics

*Faculty of Health Studies, Sarajevo, Medical study, University — Sarajevo, Bosnia and Herzegovina
(2013)*

Skills

- Experience in teaching and lecturing Medical Genetics, Immunology, Microbiology
- Extensive expertise in medical laboratory diagnostics, including microbiological, immunological, and genetic testing.
- Skilled in performing advanced diagnostic techniques, analyzing and interpreting laboratory results, and ensuring accuracy and compliance with quality standards.
- Experienced in managing laboratory operations, implementing new diagnostic methodologies, and training personnel on best practices.
- Experience in forensic identification on missing persons and crisis management.
- Working in Microbiology/Immunology laboratories under crisis conditions.
- Managing humanitarian projects and providing support to vulnerable populations.
- Coordinating international public health projects and gender equality initiatives.

- Development of health SOP in medical field, policies for migrants, displaced persons, and gender equality.
 - Contributing to the development and creation of curriculum for SSST Gymnasium, SSST Medical College, and SSST Medical School."
 - Strong interpersonal and collaboration skills, with proven ability to work effectively with individuals and groups from diverse national and cultural backgrounds.
 - Languages: Fluency in English, Bosnian/Croatian/Serbian Italian-basic.
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Certifications and Training

- Attendance at the "Genetic Identity", 8 th STR Promega Working Group Meeting, Porto, Portugal, October 2006.
- Attendance at the Forensic Data Management System (fDMS), Training Session October 2008. Sarajevo, Bosnia and Herzegovina.
- Attendance at the "Train the trainer", an Introductory Program Course, March 2009., ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at the 6th International Society for Applied Biological Science (ISABS) Conference on Human Genome Project Based Applications in Forensic Science, Anthropology and Individualized Medicine, June 2009, Split, Croatia.
- Attendance at the "Overview of DNA Analysis Trends and Developments" Presentation- December 2009. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at "General Concepts of Y-STR and mtDNA Analysis" Presentation, January 2010. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at Programming of 9700 Thermal Cyclers for PCR and Denaturation-Practical Session, January 2010. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at Quality Assurance and Accreditation, Interactive Workshop, November 2010. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at the "Introduction to the AMPFISTR MiniFiler PCR Amplification Kit" Presentation, March 2012. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at the "Introduction to the HaploID Genetics, mtHVplus HaploArray Multiplex System" Presentation, November 2012. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at Introduction to Lineage markers, Workshop, August 2013. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at the "Introduction to the Promega PowerPlex 21 System" Presentation, November, 2013. ICMP, Sarajevo, Bosnia and Herzegovina.
- Attendance at 3rd Annual Seminar "BHAAAS at SSST": "Current concepts in the treatment of some diseases and disorders in medicine and surgery", May 2016.
- Attendance at 4th Annual Seminar "BHAAAS at SSST": RESEARCH FRONTIERS IN MEDICAL SCIENCE: The Latest Discoveries within the Field of Medical Research and Practice, May, 2017.SSST, Sarajevo, Bosnia and Herzegovina.

- Attendance at FLOW CYTOMETRY MINI CONGRESS, "Labena Group", April, 2018. Split, Croatia 2018.
- Attendance at 5th ANNUAL SEMINAR "BHAAAS AT SSST", THE LATEST DISCOVERIES WITHIN THE FIELD OF MEDICAL RESEARCH AND PRACTICE, June 20, 2018. SSST, Sarajevo, Bosnia and Herzegovina
- Attendance at 6th Annual Seminar "BHAAAS at SSST": Research Frontiers in Medical Sciences- the latest discoveries within the field of medical research and practice-June 2019. SSST, Sarajevo, Bosnia and Herzegovina.
- Attendance at 25th International Congress of Clinical Chemistry and Laboratory Medicine&55th Congress of the Italian Society of clinical biochemistry and clinical molecular biology-Euromed lab Roma, Italy on 21-25 May 2023.
- Attendance at 2nd Congress of Medical Laboratory Diagnostics in Bosnia and Herzegovina with International Participation, December, 17-18th, 2023. „Molecular methods in Medical Laboratory diagnostics”.
- Attendance at the International Project EDIRE Summer School, Madrid, Spain, Active participation (June 2024) –Gender Equality.
- Attendance at 10th SNSS Annual Meeting with International Participation Pediatric Neurosurgery in the 21st century: "Challenges and opportunities Frequency of concussions in preschool children" Stijepović L, **Todorović KM**, Poplata I, Hodžić E., November 2024, Belgrade, Serbia.

Project:

- **Project:** "Analysis and Mapping of Environmental Pollution and Impact on Population and Environment at Hadzici Site", funded by the Civil Ministry of Bosnia and Herzegovina (Ident. No: 10-02-2-212 / 16-34; project duration of 1 / 10/2016 to 30/09/2017).
- **Project:** "Influence of chemical and biologically active substances on the microbiome and physiology of the urogenital tract, as well as on the function of the reproductive system", funded by the Cantonal Ministry of Education, Science and Youth of the Ministry of Bosnia and Herzegovina, project duration 2 years, from 2019-2021.
- **Project:** "E coli in polluted urban watercourses: resistance to the action of antibiotics and the influence of the presence of heavy metals on the excretion of virulence factors", financed by the Cantonal Ministry of Education, Science and Youth of the Ministry of Bosnia and Herzegovina, project duration 2 years, from 2023-2025.
- **Project:** "Examination of the antimicrobial and antioxidant potential of selected foreign plant species recorded in the area of Canton, financed by the Cantonal Ministry of Education, Science and Youth of the Ministry of Bosnia and Herzegovina, duration of the project is 2 years from 2023-2025.
- **Project:** International Erasmus staff mobility at SSST Medical school, University of Health Sciences Lithuania, May 29-June 2,2023.

- **Project:** International Streamline Spring School “iPSSCs as a tool for modelling disease and discovering molecular mechanisms of NDDs”, Belgrade, Serbia 26th-28th April, 2023.
 - **Project:** “Public Health and Migration”, financed by EUPHAM 2022-2025.
 - **Project: EDIRE, Active Participant,** (Gender Equality), Sarajevo School for Science and Technology (SSST) — Sarajevo, Bosnia and Herzegovina, March 2022 – Present.
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Publications and Research

1. Huel RL, Bašić L, **Madacki-Todorović K**, Smajlović L, Eminović I, Berbić I, Miloš A, Parsons TJ. Variant alleles, triallelic patterns, and point mutations observed in nuclear short tandem repeat typing of populations in Bosnia and Serbia. *Croatian medical journal*. 2007 Aug;48(4):494.- Research related to missing persons.
2. **Madacki-Todorović K**, Eminović I, Mehmedinović NI, Ibrišimović M. Insulin acts as stimulatory agent in diabetes-related *Escherichia coli* pathogenesis. *Int. J. Diabetes Clin. Res.* 2018; 5:098. - Research related to public health
3. Čamdžić A, Dedeić-Ljubović A, **Madacki-Todorović K**. Using disinfection devices in Intensive Care Units. *Acta Medica Saliniana*. 2019 Sep 17;49.- Research related to public health
4. Balihodžić A, Mehmedinović NI, Tinjić S, **Madacki K**. PHYSIOLOGICAL IMBALANCE OF UROGENITAL MICROBIOTA DUE TO SUPPLEMENTATION WITH DIAZEPAM AS TRIGGER FOR DEVELOPMENT OF INFECTIOUS DISEASE (2021).
5. Balihodžić A, Mehmedinović NI, Tinjić S, Galijašević S, **Madacki-Todorović K**, Eminović I, Hasanbegović L, Ibrišimović M. Impact of Diuretics on Metabolic Activity of Urogenital Tract Microbiota in Women (2021).
6. **Madacki-Todorović K**, Eminović I, Mehmedinović NI, Ibrišimović M. CORTICOSTEROID-INDUCED EXPRESSION OF MICROBIAL VIRULENCE CAN ENHANCE THE DEVELOPMENT OF HOST INFECTIOUS DISEASE. *MEDIS—International Journal of Medical Sciences and Research*. 2024 May 19;3(2):19-24.
7. Stijepović L, **Todorović KM**, Poplata I, Hodžić E. NURSES THROUGH EDUCATION AND KNOWLEDGE ACQUIRED THROUGH CLINICAL PRACTICE. *KNOWLEDGE-International Journal*. 2024 Oct 7;66(4):529-33.

Books

1. Hajdarpašić A, Kadrić L, **Madacki-Todorović K**. Medical genetics: practicum.
 2. Ibrišimović M, **Madacki Todorović K**, Ibrišimović Mehmedinović N. Molecular laboratory Immunology. 1st ed. Sarajevo: Sarajevo School of Science and Technology University; in 2021
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Professional Associations

- Association of Geneticists in Bosnia and Herzegovina Member,
 - Association of European Geneticists, Member,
 - Chamber of Medical and Laboratory Diagnostics, Bosnia and Herzegovina
 - Advisory Board on Sarajevo School of Science and Technology, Medical school, Ethical Chamber.
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