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➤ Educational background

Number	Country/City	Institution Name	Years of Study	Field of Study	Degree Level	Thesis Title	Supervisor(s)
1	Iran / Tehran	Tehran University of Medical Sciences, School of Public Health	2020-2021	Medical Parasitology	Ph.D. (Doctorate)	Isolation and identification of phenotypic and genotypic variability of protozoan parasites transmitted through recreational river waters in Tehran province	Dr. Elham Kazemi Rad, Dr. Hamed Mirjalali
2	Iran / Tehran	Shahid Beheshti University of Medical Sciences, Faculty of Medicine	2018-2019	Medical Parasitology	M.Sc.	Molecular identification and characterization of intestinal microsporidia from treated wastewater and vegetables irrigated with wastewater in southern Tehran	Dr. Maryam Niyyati, Dr. Hamed Mirjalali
3	Iran - Khoramabad	Lorestan University	2010-2014	Veterinary Laboratory Science	Bachelor's		

Article Title	Journal	Impact Factor	Author
High prevalence of <i>Acanthamoeba</i> spp. in agricultural soil of barberry farms: a public health concern in eastern Iran	<i>Parasite Epidemiology and Control</i>	2.4	Collaborator
Molecular evidence of co-existing <i>Acanthamoeba</i> genotypes and <i>Pneumocystis jirovecii</i> in the respiratory tracts of immunocompetent individuals with respiratory disorders	<i>Parasite Epidemiology and Control</i>	2.4	Collaborator
Molecular detection of <i>Cryptosporidium parvum</i> in raptors (Accipitridae and Falconidae) from western Iran	<i>Veterinary research communications</i>	2.1	Collaborator
Molecular surveillance of intestinal protozoa in influent and effluent wastewater of four major hospitals in Iran; insufficiency of wastewater treatment process	<i>Environmental Technology & Innovation</i>	7.1	Collaborator
Zoonotic risk of transmission of <i>Giardia duodenalis</i> from water resources; A worldwide molecular and network analysis	<i>Acta Tropica</i>	2.5	First Author
Effects of physicochemical and environmental factors on the prevalence of pathogenic protozoa in five major rivers in Tehran, capital of Iran; a one-year follow-up	<i>Environmental and Sustainability Indicators</i>	8.2	First Author
Estimating the Prevalence of Parasitic Infections in Migrant Workers in The Middle East: A Systematic Review and Meta-Analysis	<i>Iranian Journal of Public health</i>	1.5	Collaborator
Molecular Detection of <i>Toxoplasma gondii</i> in Eggs Consumed in Eastern Iran	<i>BMC Research Note</i>	1.6	Second Author
Molecular evidence of co-existing <i>Acanthamoeba</i> genotypes and <i>Pneumocystis jirovecii</i> in the respiratory tracts of immunocompetent individuals with respiratory disorders	<i>Parasite Epidemiology and Control</i>	2.0	Collaborator
High prevalence of <i>Enterocytozoon bieneusi</i> genotype BEB6 in wild boars in Iran; potential source of zoonotic transmission	<i>Iranian Journal of Parasitology</i>	0.9	First Author
Genetic insights into <i>Giardia</i> : examining diversity, gene flow, and microbial host relationships from water samples	<i>PLOS One</i>	2.9	First Author
Epidemiology of <i>Cryptosporidium parvum</i> in digestive disorder patients: a microscopic and molecular analysis	<i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i>	1.9	Third Author
The prevalence of free-living amoeba in river water with high human activity	<i>Journal of Water and Health</i>	2.5	First Author
Molecular identification and subtypes analysis of <i>Blastocystis</i> sp. in South Khorasan province, Eastern Iran	<i>Molecular Biology Reports</i>	2.6	Third Author

Prevalence of intestinal parasitic infections in patients with diabetes: a systematic review and meta-analysis	<i>International Health</i>	2.3	Second Author
Multigene typing of <i>Giardia duodenalis</i> isolated from tuberculosis and non-tuberculosis subjects	<i>PLOS One</i>	2.9	Second Author
Molecular analysis of internal transcribed spacer 2 of <i>Dicrocoelium dendriticum</i> from cattle, sheep, and goat in Iran	<i>BMC Veterinary Research</i>	2.6	First Author
Can free-living <i>Acanthamoeba</i> act as a Trojan horse for SARS-CoV-2 in environmental viral survival and transmission? A narrative review	<i>Iranian Journal of Parasitology</i>	0.9	Corresponding Author & Collaborator
Global prevalence of <i>Giardia duodenalis</i> in cattle: a systematic review and meta-analysis	<i>Preventive Veterinary Medicine</i>	2.2	Corresponding Author & Collaborator
Isolation and identification of potentially pathogenic free-living amoeba from drinking, surface, and stagnant water sources in Alborz Province, Iran	<i>Journal of Water and Health</i>	2.5	First Author
The global molecular epidemiology of microsporidia infection in sheep and goats, focusing on <i>Enterocytozoon bieneusi</i> : a systematic review and meta-analysis	<i>Tropical Medicine and Health</i>	3.4	Third Author
Molecular identification of <i>Acanthamoeba</i> genotypes from the oral cavity of heart transplant patients in Iran	<i>Transplant Infectious Disease</i>	2.6	Third Author
Molecular identification of pathogenic free-living amoebas from household biofilm samples in Iran: a risk factor for <i>Acanthamoeba</i> keratitis	<i>Microorganisms</i>	4.1	Collaborator
<i>Blastocystis</i> and <i>Clostridioides difficile</i> : evidence for a synergistic role in colonization among IBD patients with emphasis on ulcerative colitis	<i>Turkish Journal of Gastroenterology</i>	1.4	Third Author
Characterization of the gut microbiota in patients with primary sclerosing cholangitis compared to inflammatory bowel disease and healthy controls	<i>Molecular Biology Reports</i>	2.6	Co-author
A systematic review and meta-analysis on the global molecular epidemiology of <i>Microsporidia</i> infection among rodents: a serious public health threat	<i>Acta Parasitologica</i>	1.2	Co-author
Anti- <i>Trichophyton</i> effects of curcumin: a systematic review	<i>Anti-Infective Agents</i>	Scopus	Third Author
Isolation of <i>N. philippinensis</i> and <i>N. americana</i> strains from irrigation waters of farmland soils in Iran	<i>Environmental Science and Pollution Research</i>	4.2	Third Author
Prevalence of <i>Cryptosporidium</i> and <i>Giardia</i> in vegetables in Iran: a nineteen-year meta-analysis review	<i>Journal of Environmental Health Science and Engineering</i>	3.0	First Author
Intestinal microsporidia infection among cat owners and non-pet owners in Iran: a case-control study	<i>Parasitology Research</i>	1.8	Co-author
The neglected role of <i>Enterobius vermicularis</i> in appendicitis: a systematic review and meta-analysis	<i>PLOS One</i>	2.9	Third Author
The global prevalence of <i>Cryptosporidium</i> infection in dogs: a systematic review and meta-analysis	<i>Veterinary Parasitology</i>	2.9	Collaborator

Multigene typing and phylogenetic analysis of <i>Fasciola</i> from endemic foci in Iran	<i>Infection, Genetics and Evolution</i>	2.6	First Author
The first report and molecular analysis of <i>Enterocytozoon bieneusi</i> from raccoon (<i>Procyon lotor</i>) in northern Iran	<i>Journal of Eukaryotic Microbiology</i>	2.1	First Author
The occurrence of <i>Cryptosporidium</i> spp. and eggs of soil-transmitted helminths in market vegetables in northern Iran	<i>Gastroenterology and Hepatology</i>	PubMed, Scopus	Second Author
Isolation and phylogenetic analysis of free-living amoebae (<i>Acanthamoeba</i> , <i>Naegleria</i> , <i>Vermamoeba</i>) from farmland soils and recreational areas in Iran	<i>Acta Parasitologica</i>	1.2	Third Author
Molecular analysis of <i>Blastocystis</i> sp. and its subtypes from treated wastewater used for irrigation in Iran	<i>Journal of Water and Health</i>	2.5	First Author
<i>Blastocystis</i> subtype 1 (allele 4): the predominant subtype among tuberculosis patients in Iran	<i>Comparative Immunology, Microbiology and Infectious Diseases</i>	2.2	Second Author
Identification and characterization of <i>Fasciola hepatica</i> from domesticated animals and humans using nuclear and mitochondrial DNA markers	<i>Iranian Congress on Infectious Disease</i>	Google Scholar	First Author
Immunocompromised patients with pulmonary tuberculosis: a susceptible group to intestinal parasites	<i>Gastroenterology and Hepatology</i>	PubMed, Scopus	Third Author
Small-scale risk assessment of parasite transmission from wastewater treatment plants to downstream vegetable farms	<i>Gastroenterology and Hepatology</i>	PubMed, Scopus	First Author
Impacts of Human Development Index and climate conditions on <i>Blastocystis</i> prevalence: a systematic review and meta-analysis	<i>Acta Tropica</i>	2.1	First Author
Molecular and phylogenetic evidence of <i>Microsporidia</i> dispersion to vegetable farms via irrigation with treated wastewater: one-year follow-up	<i>International Journal of Hygiene and Environmental Health</i>	4.5	First Author
Microscopic identification of pathogenic free-living amoebas in drinking and recreational waters of Semnan province, Iran	<i>Iranian Congress on Infectious Disease</i>	Google Scholar	First Author
Molecular identification of waterborne free-living amoebae (<i>Acanthamoeba</i> , <i>Naegleria</i> , <i>Vermamoeba</i>) from municipal drinking water and environmental sources in Semnan, Iran	<i>Experimental Parasitology</i>	1.4	First Author

➤ **Teaching in scientific workshops**

No.	Title	Location	Year
1	Instructor of Workshop on Phylogenetic Tree Evolution and Drawing	Department of Parasitology and Medical Mycology, Shahid Beheshti University of Medical Sciences	January 2023
2	Instructor of Workshop on Genetic Diversity and the Concept of Tajnima Test in Parasitology	Department of Parasitology and Medical Mycology, Shahid Beheshti University of Medical Sciences	April 2024
3	Instructor of Workshop on Phylogenetic Tree Evolution and Drawing Using MEGA Software	Tehran University of Medical Sciences, Student Research Committee	July 2024
4	Instructor of Workshop on Phylogenetic Tree Evolution and Drawing Using MEGA Software	12th Parasitology Conference, Alborz University of Medical Sciences	June 2024
5	Instructor of Workshop on Phylogenetic Tree Evolution in Microbiology	16th International Congress of Laboratory and Clinical Science	December 2024
6	Instructor of One-Day Workshop on Principles of Article Writing (Results and Discussion)	South Khorasan University of Medical Sciences	December 2024
7	Instructor of the One Health introductory workshop and its application in medical and veterinary parasitology	Tehran University of Medical Sciences, Student Research Committee	July 2024
8	Lecturer at the workshop on the concept of population genetics and its relationship with One Health	Tehran University of Medical Sciences,	July 2024

➤ **Reviewing articles in scientific journals and congresses**

No.	Journal or Congress Name	Year
1	Parasitology Research	2024
2	BMC Research Notes	2024
3	Veterinary Research Communications	2024
4	Veterinary Research Communications	2024
5	Gut Pathogens	2024
6	PLoS One	2024
7	Peer review of 40 abstracts at the 12th Iranian Parasitology Congress, Alborz University of Medical Sciences	February 2024

- It has been made to present the peer reviews of scientific articles in a summarized form.

➤ **Cultural and sports activities**

No.	Title	Reference Number
1	20 years of experience in Freestyle wrestling and holding a Level Two National Coaching License	N/A
2	Head Coach of the University of Medical Sciences of Shahid Beheshti Tehran Wrestling Team	142030/D/1303
3	Activity and collaboration with the Red Crescent Society	53991

Laboratory Skills

1. Ability to design DNA and RNA extraction kits
2. Ability to perform molecular tests
3. Ability to perform serological tests (ELISA)
4. Ability to design primers
5. Ability to analyze sequenced data
6. Competence in population genetics calculations in parasitology
7. Calculation of nucleotide diversity
8. Calculation of haplotype diversity
9. Drawing haplotype network diagrams
10. Familiarity with population genetics software
11. Knowledge of cellular evolution and biological clock mechanisms