













Curriculum Vitae

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Name	Rasool Jafari	
Date of birth	1985	
Marital status	Married	
Academic degree	B.Sc., M.Sc., Ph.D.	
Position	Academic Member (Assistant professor)	
Institute	Urmia University of Medical Sciences	
Specialty	Medical Parasitology	
Nationality	Iranian	
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1. Profiles on scientific networks

Network	Link	QR code	Network	Link	QR code
	https://isid.research.ac.ir/Rasool_Jafari			https://umsu.academia.edu/RasoolJafari	
	https://www.scopus.com/authid/detail.uri?authorId=55535664300			https://www.researchgate.net/profile/Rasool_Jafari	
	http://orcid.org/0000-0001-8910-1235			linkedin.com/in/rasool-jafari-121675a5	

2. Educations

Degree	Course
Ph.D.	Medical Parasitology Isfahan
M.Sc.	Medical Parasitology Hamadan
B.Sc.	Veterinary Laboratory Sciences

3. Thesis

M.Sc. thesis title (2011)

Prevalence of *Cryptosporidium* infection in the animal reservoirs and involved people in Hamadan city in 2012, and comparison of modified Ziehl-Neelsen, auramine-phenol staining and ELISA methods

Ph.D. thesis title (2014)

Immunohistochemical observation of local inflammatory cell infiltration in the host tissue reaction site of human hydatid cysts

4. Teaching

No	Course		Place	Duration
1	Medicine	Medical Parasitology	Urmia University of Medical Sciences	2019- now
2	Pharmacology	Medical Parasitology	Urmia University of Medical Sciences	2019- now
3	Laboratory science	Medical Parasitology	Urmia University of Medical Sciences	2019- now
4	Parasitology M.Sc.	Medical Parasitology	Urmia University of Medical Sciences	2019- now
5	Dentistry	Medical Parasitology	Urmia University of Medical Sciences	2019- now
6	Nursing, BSc	Medical Parasitology	Islamic Azad University, Najaf Abad Branch	2016-2017
7	Bacteriology, MSc	Medical Parasitology	Urmia University of Medical Sciences	2021-now

5. Research projects

No.	Project title	Role	Place	Year
1	The Prevalence of <i>Cryptosporidium</i> Infection Among Renal Transplant Recipients in Hamadan City, West of Iran	Admin	Hamadan University of Medical Sciences	2012
2	Prevalence of intestinal parasitic infections among people from rural inhabitants of Hamadan city, Iran	Admin	Hamadan University of Medical Sciences	2012
3	Prevalence of ESBLs and MBLs encoding genes in <i>Acinetobacter baumannii</i> strains isolated from patients of intensive care units (ICU)	Teammate	Hamadan University of Medical Sciences	2102
4	Determination of <i>Sarcocystis</i> species in slaughtered sheep in the slaughterhouse of Isfahan city by RLFP - PCR	Teammate	Isfahan University of Medical Sciences	2013
5	Designing and evaluating the dot blot method for diagnosis of <i>Cryptosporidium</i> infection	Teammate	Isfahan University of Medical Sciences	2015
6	Seroepidemiological study of fascioliasis in patients referred to the laboratories of medical centers of Urmia University of Medical Sciences in 2022	Admin	Urmia University of Medical Sciences	2022
7	Study on the sero-prevalence of fascioliasis and toxoplasmosis in rural and urban inhabitants of Jolfa county.	Admin	Urmia University of Medical Sciences	2020

8	Study on the frequency of intestinal parasitic infections in patients referred to the diagnostic laboratories of health centers of Urmia University of Medical Sciences during 2020	Admin	Urmia University of Medical Sciences	2020
9	Frequency and genetic characterization of Cryptosporidium spp. isolated from kidney transplant recipients referred to nephrology clinic of Imam Khomeini Hospital in Urmia during 2019-2020	Admin	Urmia University of Medical Sciences	2019
10	Study on the frequency of intestinal parasitic infections in patients referred to the diagnostic laboratories of health centers of Urmia University of Medical Sciences during 2020	Admin	Urmia University of Medical Sciences	2020
11	Bioinformatics analysis of influenza vaccine candidate gene construct; containing HA, M2e surface antigens and CTxB mucosal immunoadjuvant	Teammate	Iran University of Medical Sciences	2020
12	diagnostic value of Cancer-derived Exosomal RNAs in Liver Cancer: A systematic review	Teammate	Iran University of Medical Sciences	2020
13	Diagnosis value of Exosomal RNAs in Patients' serum or CSF for diagnosis of Brain Cancer: A Systematic Review	Admin	Iran University of Medical Sciences	2020
14	Serological study of toxoplasmosis in occupational exposures related to Isfahan abattoirs in comparison with the control group	Teammate	Isfahan University of Medical Sciences	2022
15	Studying the prevalence of intestinal parasitic infections in food handlers referring to Velayat health in Urmia, during spring and summer 2024	Admin	Urmia University of Medical Sciences	2024

6. Thesis Supervision

No.	Title	Role	Place	Defense Year	Student name	Degree
1	Determination and differentiation of western blotting patterns of Toxoplasma gondii tachyzoites in seromolecular positive patients	Advisor	Isfahan University of Medical Sciences	2024	Reza Kalantari	PhD
2	Investigation on the seroprevalence of fascioliasis in patients with related liver diseases referred to Imam Khomeini Hospital in Urmia in the winter 2024-2025	Supervisor	Urmia University of Medical Sciences	Ongoing	Maryam Hassannejad	MSC
3	Frequency of Lophomonas infection in respiratory patients referred to the Imam Khomeini educational and treatment center in Urmia, with parasitological and molecular methods in 2024	Advisor	Urmia University of Medical Sciences	Ongoing	Hossein Karimi	MSC
4	Study on the seroprevalence rate of cystic echinococcosis and toxocariasis in rural population referring to Reference Laboratory of Urmia University of Medical Sciences in winter to spring of 2023	Supervisor	Urmia University of Medical Sciences	2024	Fatemeh Ramzi	MSC
5	Study of the prevalence of acute and chronic toxoplasmosis and genotyping of Toxoplasma gondii among pregnant women referred to Mahzad Hospital of Urmia in 2022	Supervisor	Urmia University of Medical Sciences	2023	Nasim Bashour	MSC

6	Study on the frequency, genetic characteristics and actin gene Sequence analysis of Trichomonas vaginalis isolates among women referred to gynecology clinic of Motahari hospital in Urmia, during 2020-2021	Supervisor	Urmia University of Medical Sciences	2023	Hadi Sobhani	MSC
7	Study on the frequency of Toxoplasma infection in women with miscarriage and their aborted fetuses among referrals of Shahid Motahari Hospital , Urmia Iran	Advisor	Urmia University of Medical Sciences	2022	Shiva Zeinali	MSC
8	Frequency of Blastocystis infection and determination subtypes of isolates by SSU rRNA gene amplification method From patients with HIV infection under the supervision of Urmia Health Center in 2022	Advisor	Urmia University of Medical Sciences	2023	Morteza Gholinejad	MSC
9	Study on frequency of Entamoeba gingivalis and Trichomonas tenax contamination by microscopic and PCR methods in patients with periodontal disease referred to dental clinics in Urmia in 1401	Advisor	Urmia University of Medical Sciences	2024	Yahya Azadeh	MSC

7. Published Papers

No.	Impact Factor	Year	Title & Journal
1.	3.7	2024	Bashour N, Aminpour A, Vazifekkhah S, Jafari R: Seromolecular study on the prevalence and risk factors of Toxoplasma gondii infection in pregnant women referred to a gynecology hospital in Urmia, northwest part of Iran in 2022. <i>BMC Infect Dis</i> 2024, 24(1):410.
2.	3.7	2024	Baseri N, Omid AH, Latifian M, Mostafavi E, Khademvatan S, Omidifar N, Tabaei SJS, Jafari R, Zeinali S, Ghasemi A <i>et al</i> : Molecular examination for Coxiella burnetii and Brucella spp. infections in Iranian women experiencing spontaneous miscarriage. <i>BMC Infect Dis</i> 2024, 24(1):172.
3.	1.4	2024	Hejazi SH, Mirbadie SR, Jafari R, Rezaiemanesh MR, Azizi O, Badmasti F, Kalani H, Cheraghypour K, Heydarian P, Hashemi N <i>et al</i> : Echinococcus granulosus sheep strain (G1) as the predominant genotype in definitive host (dogs) isolates in northeastern Iran. <i>Vet Parasitol Reg Stud Reports</i> 2024, 48:100975.
4.	1.4	2024	Zeinali S, Jafari R, Khademvatan S, Sakhaei G, Masudi S, Khashaveh S, Asadi N, Yousefi E: Seroprevalence of Fasciola sp. and Toxoplasma gondii Infections in Rural and Urban Inhabitants of Jolfa County, Northwest Iran. <i>J Parasitol Res</i> 2024, 2024:5690707.
5.	2.5	2023	Zeinali S, Rezgi M, Gholinejad M, Jafari R: A large-scale study on the prevalence of intestinal parasites in patients referred to medical laboratories in Urmia, Northwest Iran. <i>BMC Gastroenterol</i> 2023, 23(1):322.
6.	1.5	2023	Kalantari R, Esmaeilifallah M, Jafari R, Mirhendi Esfahani H, Yousofi Darani H: A large-scale study on the seroprevalence of Toxoplasma gondii infection in humans in Iran. <i>Folia Parasitol (Praha)</i> 2023, 70.
7.	3.1	2023	Eslami SS, Jafari D, Ghotaslou A, Amoupour M, Asri Kojabad A, Jafari R, Mousazadeh N, Tarighi P, Sadeghizadeh M: Combined Treatment of Dendrosomal-Curcumin and Daunorubicin Synergistically Inhibit Cell Proliferation, Migration and Induce Apoptosis in A549 Lung Cancer Cells. <i>Adv Pharm Bull</i> 2023, 13(3):539-550.

8.	1.8	2023	Hejazi SH, Kalantari R, Jafari R, Ghayour Z, Nokhodian Z, Esmailifallah M. Seroprevalence of Toxoplasma infection in individuals occupationally exposed to livestock and raw meat: A case-control study. <i>Vet Med Sci.</i> Nov 2023;9(6)
9.	2.9	2023	Zeinali S, Khademvatan S, Jafari R, Vazifekhah S, Yousefi E, Behroozi-Lak T. Prevalence and risk factors of Toxoplasma gondii infection among women with miscarriage and their aborted fetuses in the northwest of Iran. <i>PLoS One.</i> 2023;18(10)
10.	1.61	2023	Kalantari R, Esmailifallah M, Jafari R, Mirhendi Esfahani H, Yousofi Darani H. A large-scale study on the seroprevalence of Toxoplasma gondii infection in humans in Iran. <i>Folia Parasitol (Praha).</i> 2023;70.
11.	3.2	2021	Pestechian N, Yousefi HA, Kalantari R, Jafari R, Khamesipour F, Keshtkar M, et al. Molecular and Microscopic Investigation of <i>Sarcocystis</i> Species Isolated from Sheep Muscles in Iran. <i>Journal of Food Quality.</i> 2021;2021:5562517.
12.	1.2	2021	Johkool MG, Eslahi AV, Badri M, Hooshmand E, Pirestani M, Jablonski D, et al. Molecular and Morphological Data Confirmed First Record of <i>Abbreviata kazakhstanica</i> Markov and Paraskiv, 1956 (Spirurida: Physalopteridea) in Iran. <i>Iran J Parasitol.</i> 2021;16(4):686-91.
13.	4.3	2020	Safari M, Moghim S, Salehi M, Jafari R, Nasr Esfahani B. Sequence-based detection of first-line and second-line drugs resistance-associated mutations in <i>Mycobacterium tuberculosis</i> isolates in Isfahan, Iran. <i>Infect Genet Evol.</i> 2020;85:104468.
14.	2.5	2019	Yousefi Darani H, Jafari R. Renal echinococcosis; the parasite, host immune response, diagnosis and management. <i>J Infect Dev Ctries.</i> 2020;14(5):420-7.
15.	Medline	2019	Dehkordi AB, Sanei B, Yousefi M, Sharafi SM, Safarnezhad F, Jafari R, et al. Albendazole and Treatment of Hydatid Cyst: Review of the Literature. <i>Infect Disord Drug Targets.</i> 2019;19(2):101-4.
16.	2.11	2018	Rostamirad S, Jafari R, Yousofi Darani H. Th1/Th2-type cytokine profile in C57 black mice inoculated with live <i>Echinococcus granulosus</i> protoscolices. <i>Journal of Infection and Public Health.</i>
17.	1.42	2018	Jafari R, Sanei B, Baradaran A, Kolaheidouzan M, Bagherpour B, Yousofi Darani H. Immunohistochemical observation of local inflammatory cell infiltration in the host tissue reaction site of human hydatid cysts. <i>Journal of Helminthology.</i>
18.	1.42	2017	Jafari R, Sanei B, Baradaran A, Spotin A, Bagherpour B, Darani HY. Genetic characterization of <i>Echinococcus granulosus</i> strains isolated from humans based on nad1 and cox1 gene analysis in Isfahan, central Iran. <i>Journal of Helminthology.</i>
19.	3.19	2018	Bagherpour B, Salehi M, Jafari R, Bagheri A, Kiani A, Edalati M, Kardi MT, Shaygannejad V. Promising effect of rapamycin on multiple sclerosis. <i>Multiple Sclerosis and Related Disorders.</i>
20.	0.75	2017	Yakhchali M, Hajipour B, Malekzadeh-Viayeh R, Esmailinejad B, Nemati-Haravani T, Fathollahzadeh M, Jafari R. Gastrointestinal Helminths and Ectoparasites in the Stray Cats (Felidae: <i>Felis catus</i>) of Ahar Municipality, Northwestern Iran. <i>Iranian Journal of Parasitology.</i>
21.	0.78	2015	Jafari R, Maghsood AH, Safari M, Latifi M, Fallah M. Comparison of fecal antigen detection using enzyme linked immunosorbent assay (ELISA) with auramine-phenol staining method for diagnosis of human cryptosporidiosis. <i>Jundishapur Journal of Microbiology.</i>
22.	1.74	2015	Safari M, Mozaffari Nejad AS, Bahador A, Jafari R, Alikhani MY. Prevalence of ESBLs and MBLs encoding genes in <i>Acinetobacter baumannii</i> strains isolated from patients of intensive care units (ICU). <i>Saudi Journal of Biological Sciences.</i>
23.	0.85	2016	B Bagherpour, V Shaygannejad, M Gharagozloo, F Mohebi, R Jafari, M Salehi. Th1, Th2 and Th17 cytokine profile in patients with multiple sclerosis following treatment with rapamycin. <i>Iranian Journal of Immunology.</i>
24.	1.4	2012	Jafari R*, Sadaghian M, Safari M. Seroprevalence of Toxoplasma gondii Infection and Related Risk Factors in Tabriz City, Iran, 2008. <i>Journal of Research in Health Science.</i>

25.	1.4	2013	Jafari R, Maghsood AH, Fallah M. Prevalence of Cryptosporidium Infection among Livestock and Humans in Contact with Livestock in Hamadan District, Iran. <i>Journal of Research in Health Science</i> .
26.	1.4	2013	Safari M, Saidijam M, Bahador A, Jafari R, Alikhani MY. High Prevalence of Multidrug Resistance and Metallo-beta-lactamase (MbetaL) producing Acinetobacter Baumannii Isolated from Patients in ICU Wards, Hamadan, Iran. <i>Journal of Research in Health Science</i> .
27.	Medline	2018	Balouti-Dehkordi A, Sanei B, Yousefi M, Sharafi SM, Safarnezhad F, Jafari R, Darani HY. Albendazole and treatment of hydatid cyst, review of literature. <i>Infectious disorders drug targets</i>
28.	0.2	2014	Mohammadi Manesh R, Hosseini Safa A, Jafari R, Bahadoran M, Yousefi M, Yousofi Darani H, Nasr H. Parasites and chronic renal failure. <i>Journal of Renal Injury Prevention</i> .
29.	PubMed	2014	Ghomashlooyan M, Falahati M, Mohaghegh MA, Jafari R, Mirzaei F, Kalani H, Salehi Sangani G, Azami M. Soil contamination with Toxocara spp. eggs in the public parks of Isfahan city, central Iran. <i>Asian Pacific Journal of Tropical Disease</i> .

9. Congresses

Authors	Title	Oral Poster	Place	Date	Congress
Rasool Jafari, Mahsa Rezghi, Morteza Gholinezhad, Shiva Zeinali1	Prevalence of Intestinal Parasitic Infections in Patients Referred to Medical Laboratories in Urmia, North West of Iran	Poster	Tehran	2023	The 14th International & 20th National Congress on Quality Improvement in Clinical Laboratories
Rasool Jafari, Shiva Zeinali, Shahram Khademvata, Elham Yousefi, Ghorban Sakhaei, Negar Asadi, Sima Masudi, Shahla Khashaveh	Seroprevalence of fascioliasis among rural and urban inhabitants of Jolfa district, East Azarbijan, North West of Iran	Poster	Tehran	2023	14 th international congress of medical lab and clinic
Jafari R, Latifi M, Fallah M, Maghsood AH	Prevalence of cryptosporidium infection among farmers in contact with livestock and calves in hamadan district, iran, 2012	Poster	Kerman	1391	1st International and 8th National Congress of Parasitology and Parasitic Diseases in Iran
Amir Hossein Maghsood , Mohammad Fallah , Mohammad Ali Mohaghegh , Hosein Ali Yousefi , Hossein Yousofi Darani , Mohammad Sadaghian , Rasool Jafari	Intestinal parasitic infections among rural inhabitants of hamadan, west of iran	Poster	Guilan	1394	2nd International and 9th National Congress of Parasitology and Parasitic Diseases in Iran
Forough Sharifi, Mozafar Hooshangi, Hassan Salehi, Bahram Bagherpour, Pegah Soleimani Salar, Nasim Adibpour, Mohammad Fatollahzadeh, Paria Alizadeh, Rasool Jafari	Anti-toxoplasma igm and igg seropositivity in isfahan, central iran	Poster	Guilan	1394	2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran

Mohammad Fallah, Amir Hossein Maghsood, Rasool Jafari	Comparison of fecal antigen detection with auramine-phenol staining method for diagnosis of human cryptosporidiosis	Poster	Guilan	1394	2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran
Rasool Jafari, Hossein Yousofi Darani, Behnam Sanei, Adel Spotin, Azar Baradaran, Bahram Bagherpour	Genetic characteristics of echinococcus granulosus strains isolated from humans using nad1 and cox1 gene partial sequences	Oral	Shiraz	1396	3rd International & 10th National Congress of Parasitology & Parasitic Diseases of Iran
Rasool Jafari, Hossein Yousofi Darani, Behnam Sanei, Adel Spotin, Azar Baradaran, Bahram Bagherpour	Immunohistochemical observation of the inflammatory cell infiltration in adventitia of human hydatid cysts	Poster	Shiraz	1396	3rd International & 10th National Congress of Parasitology & Parasitic Diseases of Iran
Rasool Jafari, Hadi Sobhani, Forough Sharifi	Prevalence of Anti-Toxoplasma IgG seropositivity among Patients Referred to a Clinical Laboratory in Isfahan, Central Iran	Poster	Urmia	1398	4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran
Rasool Jafari, Forough Sharifi	Demodex Spp., a major cause of rosacea	Poster	Urmia	1398	4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran
Rasool Jafari, Forough Sharifi	Infestation with Demodex Spp. among patients with hair loss	Poster	Urmia	1398	4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran
Rasool Jafari, Hossein Yousofi Darani, Azar Baradaran, Behnam Sanei, Mohsen Kollahdozan	A Fast, Definitive and Convenient Method for Confirmation of Hydatid Cyst after Its Surgical Removal as a Substitute for Histopathology	Poster	Tehran	1398	12th International & 17th National Congress on quality Improvement in Clinical Laboratories
Rasool Jafari, Marzieh Safari, Mohammad Sadaghian	Seroprevalence of Toxoplasma infection in veterinary laboratory sciences students	Poster	Hamadan	1390	اولین کنگره سالیانه دانشجویی دانشگاه علوم پزشکی همدان
Rasool Jafari, Mohammad Sadaghian	Seroprevalence of Toxoplasma infection in patients referred to Alinasab Hospital Diagnostic Laboratory in Tabriz, 2008	Oral	Ilam	1390	سومین کنگره پژوهشی دانشجویان علوم پزشکی غرب کشور

* Awarded for the best presentation

10. Personal skills

No.	Title	Description
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1	English language	Upper-advanced level of Speaking, Writing, Listening and Reading
2	Software/Internet	Bioinformatics analysis, all applicable Microsoft Office, statistical analysis with SPSS, Photoshop, scientific databases, REST software, EndNote
3	Laboratory techniques	PCR, real-time PCR, PCR-RFLP, in situ hybridization (ISH), immunohistochemistry (IHC), working with laboratory animals, inoculation and isolation of <i>Toxoplasma gondii</i> to mouse and rat, <i>Leishmania</i> spp. culture and isolation, cryopreservation of protozoa, oocyst isolation, most of the staining techniques for diagnostic purposes.
4	Educational Microscopic slides	<i>Toxoplasma gondii</i> tachyzoite, <i>Giardia</i> spp. cyst and trophozoite, <i>Blastocystis hominis</i> cyst and trophozoite, <i>Cryptosporidium</i> spp. oocyst, <i>Endolimax nana</i> cyst and trophozoite, <i>Entamoeba coli</i> cyst, <i>Taenia</i> spp. egg, <i>Echinococcus</i> spp. protoscolex, <i>Hymenolepis nana</i> egg, <i>Trichomonas vaginalis</i> trophozoite, <i>Leishmania</i> spp. amastigote and promastigote, <i>Chilomastix mesnili</i> trophozoite, <i>Taenia</i> spp. proglottids, <i>Toxocara</i> spp. adult, <i>Dicrocoelium dendriticum</i> adult, <i>Echinostoma</i> spp. adult, <i>Oxyur</i> adult, <i>Moniezia</i> proglottids and, ...

11. Research interests

- 1- Molecular epidemiology of parasitic infection in humans
- 2- Parasite immunology and immune modulation
- 3- Molecular epidemiology of cystic echinococcosis and intestinal parasites
- 4- Diagnostics in parasitology

12. Professional experience (before 2019)

1. Supervisor of the Research and Development Department in a clinical laboratory
2. Supervisor of Microbiology and Parasitology Department in a clinical laboratory