

Curriculum vitae

Name: **Hamed Mirjalali**

H index: 22

Birth date: **20 March 1984**

Marriage: **Married.**

Ph.D of Medical Parasitology

Address: Shahid Beheshti University of Medical Sciences, Velenjak, Chamran highway, Tehran, Iran

Phone Number: +989155728602

Email: hamedmirjalali@sbmu.ac.ir, hamed_mirjalali@hotmail.com

Educations

BSc degree: Veterinary Medicine, Semnan University, Semnan, Iran

MSc degree: Medical Parasitology, Tehran University of Medical Sciences, Tehran, Iran.

Thesis subject: Isolation and Molecular characterization of *Trichinella* species from road-killed animals

Year: 2010

PhD degree: Medical Parasitology, Tehran University of Medical Sciences, Tehran, Iran.

Thesis subject: Molecular detection and Identification of human-infecting microsporidia among immunocompetent and immunocompromised subjects in Iran

Year: 2014

Focused area

Gastrointestinal Parasitic diseases; Medical and veterinary parasitology; Environmental microbiology; Foodborne and Waterborne Microbiology; Host-parasite interaction; Diagnostic techniques; Immuno-Parasitology; Molecular analysis and networking.

Skills

1. Multidisciplinary team supervising.
2. Scientific proposal and grant writing.
3. Scientific writing.
4. Wet lab and molecular lab specialist for Foodborne and Waterborne Diseases.
5. Environmental, water, and wastewater sample processing.
6. Advanced experiences for designing and conducting molecular tests (conventional PCR, Real-time PCR [absolute quantification, relative quantification, HRM, melt curve analysis, and etc], LAMP PCR, ...).
7. Nano-Biosensor designing for detection of microsporidia.
8. Starting works on Lab-on-a chip detection tests and biosensors.
9. Working on cell culture, western blotting, Small interfering RNAs (siRNA and micro RNAs), drug-cell interactions, and host-parasite interactions.
10. Statistical, phylogenetic, and population genetic software (MEGA, PopArt, DnaSP, Graph Pad Prism, and SPSS).
11. Animal lab studies.

Experience

1. **Assistant Professor** at Foodborne and Waterborne Diseases Research Center, Research Institute for Gastroenterology and Liver Diseases, Shahid Beheshti University of Medical Sciences from 2014 until now.

2. Supervising of Ph.D and MSc students

At least 10 Ph.D and more than 20 MSc theses in the fields of Gastroenterology, Medical Parasitology, Veterinary Parasitology, and Foodborne/Waterborne parasites.

- 3.** Technical scientist for Dept. of Molecular disorders and Infectious Diseases at Labra veterinary laboratory from September 2020 until now.
- 4.** Member of Quality Assurance Inspector team of ISO 15189 for Medical Laboratories from May 2022.
- 5.** Associate editor for BMC Infectious Diseases (Sep 2018 until now), Frontiers publications (2019 until now), and handling editor of Scientific Reports.
- 6.** Reviewer of Lancet Infectious Diseases, PLoS, Frontiers publications, Food Control and several other journals.

Projects

A. Principal investigator of finished projects:

1. Detection and identification of intestinal Microsporidia spp. in biopsy specimens of patients with Inflammatory Bowel Disease (Crohn's disease – Ulcerative colitis).
2. Determining and comparing the expression patterns of different microRNA signatures in gastric AGS cell line co-infected with *Helicobacter pylori* strains carrying intact and/or partial *cagPAI* locus
3. Study of the effects of extracellular vesicles (EVs) derived from *Fasciola hepatica* on the level of anti-inflammatory biomarkers in THP-1 cell line
4. Study of the epidemiology of *Trichostrongylus* spp., and its species and types in endemic regions of Guilan province using PCR/sequencing of COX gene.
5. Investigating the effect of recombinant *Toxoplasma* profilin via NLRP3-mediated signaling pathway in induction of pro-inflammatory response in a trans well co-culture model
6. Evaluation of *Toxoplasma* Immunization capability against *Mycobacterium tuberculosis* and evaluation of its effect via P2X7R pathway in THP1 Cell line

7. Study the effects of combination between Azathioprine and *Toxoplasma gondii* on THP-1 cell line via mTORC1 and autophagy signaling
8. study of the effects of *Blastocystis* ST3 on expression levels of MicroRNAs involved in tight junctions.
9. Validation of molecular methods for detection of waterborne pathogens and indicator microorganisms for fecal contamination of water.
10. Isolation, molecular identification and genotyping of microsporidia from wastewater and downstream farmland irrigated with wastewater in south of Tehran.
11. A Real-time PCR based multigene panel for detection of food-borne pathogens in vegetable samples.
12. Identification of fungal and viral endosymbionts of free living amoeba from hospital wastewaters.
13. Study of parasitic contamination and their molecular characteristics of wastewater treatment facilities and drinking water resources of oil refinery system, south of Tehran.
14. Study of the common parasite protozoa contamination in vegetables sample real time PCR in Tehran
15. Prevalence study and subtypes investigation of *Blastocystis* spp., in IBS/IBD patients
16. Amplification and characterization of protease genes of *Blastocystis* sp. subtypes, isolated from diarrheic and non-diarrheic patients.
17. Study on protease activity of *Blastocystis* sp subtypes and its effects on inflammatory biomarkers on cell culture
18. Application and evaluation of real-time PCR using High Resolution Melting (HRM) curve analysis for subtyping of *Blastocystis*.
19. Genotyping of *Fasciola* spp., isolated from human and animals with close-contact to human and characterization of the protease (Cathepsin B-like) gene of the parasite.
20. Characterization and study of the Metronidazole resistant gene (nim) among *Blastocystis* isolated from the clinical samples.
21. Investigation of the correlation between dietary patterns and *Blastocystis* sp., infection and subtypes in human subjects.
22. Human-infecting microsporidia: Study of distribution and diversity in healthy and diarrheic humans with or without immune disorders
23. Study of the toxicity effects of *Mentha pulegium* and *Rubus idaeus* extract against *Toxoplasma gondii* "in vitro"

24. Designing, establishment and evaluation of a panel real-time PCR for simultaneous detection of Enteropathogenic parasites in stool samples of human, and domesticated animal

B. Principal investigator of ongoing projects:

1. Determination of *Giardia* assemblages using multigene typing in human subjects.
2. Designing and fabrication of label-free biosensor for the detection of Microsporidia.
3. Study of the prevalence of foodborne parasites (*Toxoplasma gondii* and *Sarcocystis* spp) in meat products supermarkets in Tehran, Iran.
4. Designing, fabrication, and evaluation of Multiplex Microfluidic LAMP (M μ LAMP) PCR for simultaneous detection of *Giardia lamblia*, *Cryptosporidium* spp. and microsporidia.
5. Study of the effects of *Blastocystis* on the changes of bacterial community of the gastrointestinal tract in people with irritable bowel syndrome
6. Study of the anti-cancer effects of extracellular vesicles derived from Hydatid cysts

Papers (sorted: date)

No	Authors	Title	Journal	Year	Position	Indexing	Impact Factor	Access link
1	Sara Nemati ¹ , Farzaneh Shalileh, Hamed Mirjalali and Kobra Omidfar	Toward waterborne protozoa detection using sensing technologies	Front Microbiol	2023	Corresponding author	Web of Science, Medline, SCOPUS	6.06	DOI: 10.3389/fmicb.2023.1118164
2	Sara Nemati, Hanieh Mohammad Rahimi, Anna Meyfour, Hossein Pazoki, Hamid Asadzadeh Aghdaei, Shabnam Shahrokh and Hamed Mirjalali	Evaluation of the mTORC activity in the presence of <i>Toxoplasma gondii</i> and azathioprine in human monocyte cell line	BMC Microbiol	2023	Corresponding author	Web of Science, Medline, SCOPUS	4.46	DOI: 10.1186/s12866-023-02819-8
3	Olyaiee, A., Yadegar, A., Mirsamadi, E.S., Sadeghi, A., Mirjalali, H	Profiling of the fecal microbiota and circulating microRNA-16 in IBS subjects with Blastocystis infection : a case-control study	Eur J Med Res	2023	Corresponding author	Web of Science, Medline, SCOPUS	4.2	DOI: 10.1186/s40001-023-01441-8
4	Rahni Z, Hosseini SM, Shahrokh S, Saeedi Niasar M, Shoraka S, Mirjalali H , Nazemalhosseini-Mojarad E, Rostami-Nejad M, Malekpour H, Zali MR, Mohebbi SR.	Long non-coding RNAs ANRIL, THRIL, and NEAT1 as potential circulating biomarkers of SARS-CoV-2 infection and disease severity	Virus Res	2023	Seventh author	Web of Science, Medline, SCOPUS	5	DOI: 10.1016/j.virusres.2023.199214

5	Hanieh Mohammad Rahimi, Ehsan Javanmard, Ali Taghipour, Ali Haghghi, Hamed Mirjalali	Multigene typing of <i>Giardia duodenalis</i> isolated from tuberculosis and non-tuberculosis subjects	PloS One	2023	Corresponding author	Web of Science, Medline, SCOPUS	3.75	DOI: 10.1371/journal.pone.0283515
6	Sara Soleimani Jevinani, Hanieh Mohammad Rahimi, Nastaran Asri, Mohammad Rostami-Nejad, Shokoufeh Ahmadipour, Hamed Mirjalali	Molecular epidemiology and subtyping of <i>Blastocystis</i> sp. and its subtypes in celiac patients; a case control study	Microb Pathog	2023	Corresponding author	Web of Science, Medline, SCOPUS	3.84	DOI: 10.1016/j.micpath.2023.106086
7	Pazoki H, Mirjalali H , Niyiyati M, Seyed Tabaei SJ, Mosaffa N, Shahrokh S, Asadzadeh Ahdae H, Kupz A, Zali MR.	<i>Toxoplasma gondii</i> profilin induces NLRP3 activation and IL-1 β production/secretion in THP-1 cells.	Microb Pathog	2023	Corresponding author	Web of Science, Medline, SCOPUS	3.84	DOI: 10.1016/j.micpath.2023.106120
8	Nasibi S, Mojarrab S, Lashkarizadeh MR, Shafiei M, Saedi Dezaki E, Mahmoudvand H, Alizadeh A, Mohammadzadeh A, Adnani Sadati SJ, Mirbadie SR, Keighobadi M, Gholami S, Raeghi S, Abbasi M, Mohtasham F, Ravari MS, Dabirzadeh M, Mosavi Anari SA, Mirjalali H , Aliakbarian M, Abbasifard M, Fasihi Harandi M	Iranian Hydatid Disease Registry: Establishment and Implementation of a Neglected Tropical Disease Registry	Arch Iran Med	2023	Author	Web of Science, Medline, SCOPUS	2.1	DOI: 10.34172/aim.2023.54

9	Ahmadi B, Sarvi S, Keihanian S, Davoudi L, Daryani A, Mirjalali H , Ahmadpour E, Sadeghi M, Shariatzadeh SA, Shakeri S, Hosseini SA.	Microscopic and Molecular Investigation of Intestinal Microsporidia in HIV + /AIDS and Cancer Patients Undergoing Chemotherapy in Mazandaran Province, North of Iran	Act Parasitol	2023	Sixth Author	Web of Science, Medline, SCOPUS	1.5	DOI: 10.1007/s11686-023-00704-y
10	Kareem Hatam-Nahavandi, David Carmena, Mostafa Rezaeian, Hamed Mirjalali , Hanieh Mohammad Rahimi, Milad Badri, Aida Vafae Eslahi, Farzaneh Faraji Shahrivar, Sonia M. Rodrigues Oliveira, Maria de Lourdes Pereira and Ehsan Ahmadpour	Gastrointestinal Parasites of Domestic Mammalian Hosts in Southeastern Iran	Vet Sci	2023	Fifth author	Web of Science, Medline, SCOPUS	2.5	DOI:
11	Rahmanipour M, Mohebbali M, Koosha M, Kazemirad E, Yasami-Khiabani S, Mirjalali H , Hajjarian H.	Effect of Leishmania RNA virus 2 on virulence factors and cytokines gene expression in a human macrophage infected with Leishmania major: A preliminary study	Exp Parasitol	2023	Sixth author	Web of Science, Medline, SCOPUS	2.13	DOI: 10.1016/j.exppara.2022.108459
12	Andalib S, Mohammad Rahimi H, Niyayati M, Shalileh F, Nemati S, Rouhani S, Zali MR, Mirjalali H , Karanis P	Free-living amoebae in an oil refinery wastewater treatment facility	Sci Total Environ	2022	Corresponding author	Web of Science, Medline, SCOPUS	10.7	DOI: 10.1016/j.scitotenv.2022.156301.
13	Mahdavi Abhari F, Niyayati M, Assadzadeh Aghdaei H, Mirjalali H	Loop mediated isothermal amplification for detection of foodborne parasites: A journey from lab to lab-on-a-chip	Food Cont	2022	Corresponding author	Web of Science,	6.65	DOI: 10.1016/j.foodcont.2022.109251

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14	Salehi R, Rostami A, Mirjalali H , Stensvold CR, Haghghi A.	Genetic characterization of <i>Blastocystis</i> from poultry, livestock animals and humans in the southwest region of Iran—Zoonotic implications	Transbound Emerg Dis	2022	Third author	Web of Science, Medline, SCOPUS	4.7	DOI: 10.1111/tbed.14078.
15	Olyaiee, A, Sadeghi A, Yadegar A, Mirsamadi ES, Mirjalali H .	Gut Microbiota Shifting in Irritable Bowel Syndrome: The Mysterious Role of <i>Blastocystis</i> sp.	Front Med	2022	Corresponding Author	Web of Science, Medline, SCOPUS	5.09	DOI: org/10.3389/fmed.2022.890127
16	Norouzi M, Pirestani M, Arefian E, Dalimi A, Sadraei J, Mirjalali H	Exosomes secreted by <i>Blastocystis</i> subtypes affect the expression of proinflammatory and anti-inflammatory cytokines (TNF α , IL-6, IL-10, IL-4)	Front Med	2022	Sixth author	Web of Science, Medline, SCOPUS	5.09	
17	Abdolahi S, Hosseini M, Rezaei R, Mohebbi SR, Rostami-Nejad M, Mojarad EN, Mirjalali H , Yadegar A, Asadzadeh Aghdaei H, Zali MR, Baghaei K.	Evaluation of miR-200c-3p and miR-421-5p levels during immune responses in the admitted and recovered COVID-19 subjects	Infect Genet Evol	2022	Seventh author	Web of Science, Medline, SCOPUS	4.34	DOI: 10.1016/j.meegid.2022.105207
18	Taghipour A, Bahadory S, Badri M, Yadegar A, Mirsamadi ES, Mirjalali H , Zali MR.	A systematic review and meta-analysis on the co-infection of Helicobacter pylori with intestinal parasites: public health issue or neglected correlation?	Int J Environ Health Res	2022	Corresponding author	Web of Science, Medline, SCOPUS	4.47	DOI: 10.1080/09603123.2020.1798890
19	Nemati S, Mohammad Rahimi H, Hesari Z,	Formulation of Neem oil-loaded solid lipid nanoparticles and evaluation of its anti-	BMC Complemen	2022	Corresponding author	Web of Science,	2.83	DOI: 10.1186/s12906-022-03607-z

	Sharifdini M, Jalilzadeh Aghdam N, Mirjalali H , Zali MR.	<i>Toxoplasma</i> activity	Med Therap			Medline, SCOPUS		
20	Mohammad Rahimi H, Yadegar A, Asadzadeh Aghdaei H, Mirjalali H , Zali MR.	Modulation of microRNAs and claudin-7 in Caco-2 cell line treated with <i>Blastocystis</i> sp., subtype 3 soluble total antigen	BMC Microbiol	2022	Corresponding author	Web of Science, Medline, SCOPUS	4.46	DOI: 10.1186/s12866-022-02528-8
21	Fatemi M, Niyyati M, Rouhani S, Karamati SA, Mirjalali H , Karanis P.	Contamination of fresh vegetables in municipal stores with pathogenic <i>Acanthamoeba</i> genotypes; a public health concern	Int J Environ Health Res	2022	Corresponding author	Web of Science, Medline, SCOPUS	4.47	DOI: 10.1080/09603123.2022.2067328
22	Sharifdini M, Karimi M, Ashrafi K, Soleimani M, Mirjalali H .	Prevalence and molecular characterization of <i>Dirofilaria immitis</i> in road killed canids of northern Iran	BMC Vet Res	2022	Fifth author	Web of Science, Medline, SCOPUS	2.79	DOI: 10.1186/s12917-022-03270-z
23	Javanmard E, Mohammad Rahimi H, Nemati S, Soleimani Jevinani S, Mirjalali H.	Molecular analysis of internal transcribed spacer 2 of <i>Dicrocoelium dendriticum</i> isolated from cattle, sheep, and goat in Iran	BMC Vet Res	2022	Corresponding author	Web of Science, Medline, SCOPUS	2.79	DOI: 10.1186/s12917-022-03386-2
24	Mohammad Rahimi H, Soleimani Jevinani S, Nemati S, Sharifdini M, Mirjalali H , Zali MR.	Molecular characterization of <i>Cryptosporidium</i> skunk genotype in raccoons (<i>Procyon lotor</i>) in Iran: concern for zoonotic transmission	Par Res	2022	Corresponding Author	Web of Science, Medline, SCOPUS	2.28	DOI: 10.1007/s00436-021-07367-6
25	Javanmard E, Niyyati M, Taghipour A, Fatemi M, Mirjalali H , Karanis P.	Isolation and identification of potentially pathogenic free-living amoeba in drinking, surface, and stagnant water sources from Alborz Province, Iran	J Water Health	2022	Fifth author	Web of Science, Medline,	2.26	DOI: 10.2166/wh.2022.229

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26	Molaaghaee-Rouzbahani S, Asri N, Jahani-Sherafat S, Amani D, Masotti A, Baghaei K, Yadegar A, Mirjalali H , Rostami-Nejad M.	The modulation of macrophage subsets in celiac disease pathogenesis	Immun Inflamm Dis	2022	Fifth author	Web of Science, Medline, SCOPUS	2.49	DOI: 10.1002/iid3.741
27	Sharifi Y, Ahmadi O, Hossini Farash BR, Khosravinia N, Fotouhi-Ardakani R, Moghaddas E, Berenji F, Baradaran A, Poursheikhani A, Mirjalali H , Zarean M.	Genotyping and phylogenetic analysis of free-living amoeba (<i>Acanthamoeba</i> and <i>Naegleria</i>) in treated and untreated water in the northeastern provinces of Iran	Water Suppl	2022	Tenth author	Web of Science, Medline, SCOPUS	1.76	DOI: org/10.2166/ws.2021.442
28	Mohammad Rahimi H, Karamati SA, Nemati S, Mirjalali H , Zali MR.	Molecular Identification, Subtypes Distribution, and Alleles Discrimination of <i>Blastocystis</i> sp., Isolated from Immunocompromised Subjects in Iran	Iran J Parasitol	2022	Corresponding author	Web of Science, Medline, SCOPUS	1.2	DOI: org/10.18502/ijpa.v17i2.9534
29	Nemati S, Falahati Anbaran M, Mohammad Rahimi H, Hosseini MS, Aghaei S, Khalili N, Mirjalali H , Zali MR.	Evolutionary and phylogenetic analyses of the barcoding region suggest geographical relationships among <i>Blastocystis</i> sp., ST3 in humans	Infect Genet Evol	2021	Corresponding author	Web of Science, Medline, SCOPUS	3.34	DOI: 10.1016/j.meegid.2021.105151
30	Mohammad Rahimi H, Mirjalali H , Zali MR.	Molecular epidemiology and genotype/subtype distribution of <i>Blastocystis</i> sp., <i>Enterocytozoon bienersi</i> , and <i>Encephalitozoon</i> spp. in livestock: concern for emerging zoonotic infections	Sci Rep	2021	Corresponding Author	Web of Science, Medline, SCOPUS	4.37	DOI: 10.1038/s41598-021-96960-x

31	Norouzi M, Saberi R, Niyyati M, Lorenzo-Morales J, Mirjalali H , Fatemi M, Javanmard E, Karamati SA.	Molecular identification of pathogenic free-living amoeba from household biofilm samples in Iran: A risk factor for <i>Acanthamoeba</i> keratitis	Microorganisms	2021	Fifth author	Web of Science, Medline, SCOPUS	4.12	DOI: 10.3390/microorganisms9102098
32	Beheshti-Maal A, Shahrokh S, Ansari S, Mirsamadi ES, Yadegar A, Mirjalali H , Zali MR.	Gut mycobiome: The probable determinative role of fungi in IBD patients	Mycoses	2021	Corresponding author	Web of Science, Medline, SCOPUS	4.37	DOI: 10.1111/myc.13238
33	Bahramdoost Z, Mirjalali H , Yavari P, Haghighi A.	Development of HRM real-time PCR for assemblage characterization of <i>Giardia lamblia</i>	Act Trop	2021	Second author	Web of Science, Medline, SCOPUS	3.11	DOI: 10.1016/j.actatropica.2021.106109
34	Tanhaei M, Mohebbi SR, Hosseini SM, Rafieepoor M, Kazemian S, Ghaemi A, Shamloei S, Mirjalali H , Asadzadeh Aghdai H, Zali MR.	The first detection of SARS-CoV-2 RNA in the wastewater of Tehran, Iran	Environ Sci Poll Res	2021	Eighth author	Web of Science, Medline, SCOPUS	4	DOI: 10.1007/s11356-021-13393-9
35	Pazoki H, Mohammad Rahimi H, Mirjalali H , Niyyati M, Mosaffa N, Seyed Tabaei SJ, Shahrokh S, Asadzadeh Aghdai H, Zali MR.	Soluble total antigen derived from <i>Toxoplasma gondii</i> tachyzoites increased the expression levels of NLRP1, NLRP3, NLRC4, AIM2, and the release of mature form of IL1beta, but downregulated the expression of IL1beta and IL18 genes in THP-1 cell line	Microb Pathog	2021	Corresponding Author	Web of Science, Medline, SCOPUS	3.78	DOI: 10.1016/j.micpath.2021.105072
36	Mirzaei L, Ashrafi K, Atrkar Roushan Z, Mahmoudi MR, Shenavar	<i>Strongyloides stercoralis</i> and other intestinal parasites in patients receiving immunosuppressive drugs in northern Iran:	Epidemiol Helth	2021	Eighth author	Web of Science,	3.28	DOI: 10.4178/epih.e2021009

	Masooleh I, Rahmati B, Saadat F, Mirjalali H , Sharifdini M.	a closer look at risk factors				Medline, SCOPUS		
37	Karamati SA, Mirjalali H , Niyyati M, Yadegar A, Asadzadeh Aghdaei H, Haghighi A, Seyyed Tabaei SJ.	Association of <i>Blastocystis</i> ST6 with higher protease activity among symptomatic subjects	BMC Microbiol	2021	Corresponding Author	Web of Science, Medline, SCOPUS	3.6	DOI: 10.1186/s12866-021-02341-9
38	Asri N, Nazemalhosseini Mojarad E, Mirjalali H , Mohebbi SR, Baghaei K, Rostami-Nejad M, Yadegar A, Rezaei-Tavirani M, Asadzadeh Aghdaei H, Rostami K, Masotti A.	Toward finding the difference between untreated celiac disease and COVID-19 infected patients in terms of CD4, CD25 (IL-2 Ralpha), FOXP3 and IL-6 expressions as genes affecting immune homeostasis	BMC Gastroenterol	2021	Third author	Web of Science, Medline, SCOPUS	3.06	DOI: 10.1186/s12876-021-02056-1
39	Jafarpour Azami S, Mohammad Rahimi H, Mirjalali H , Zali MR.	Unravelling <i>Toxoplasma</i> treatment: conventional drugs toward nanomedicine	World J Microbiol Biotechnol	2021	Corresponding author	Web of Science, Medline, SCOPUS	3.3	DOI: 10.1007/s11274-021-03000-x
40	Hosseinnezhad H, Sharifdini M, Ashrafi K, Atrkar Roushan Z, Mirjalali H , Rahmati B.	Trichostrongyloid nematodes in ruminants of northern Iran: prevalence and molecular analysis	BMC Vet Res	2021	Fifth Author	Web of Science, Medline, SCOPUS	2.74	DOI: 10.1186/s12917-021-03086-3
41	Nemati S, Pazoki H, Mohammad Rahimi H, Asadzadeh Aghdaei H, Shahrokh S, Baghaei K, Mirjalali H , Zali MR.	<i>Toxoplasma gondii</i> profilin and tachyzoites RH strain may manipulate autophagy via downregulating Atg5 and Atg12 and upregulating Atg7	Mol Biol Rep	2021	Corresponding Author	Web of Science, Medline, SCOPUS	2.31	DOI: 10.1007/s11033-021-06667-5
42	Ostadmohammadi S, Azimirad M, Hourri H,	Characterization of the gut microbiota in patients with primary sclerosing cholangitis	Mol Biol Rep	2021	Sixth author	Web of Science,	2.31	DOI: 10.1007/s11033-021-06567-8

	Naseri K, Javanmard E, Mirjalali H , Yadegar A, Sadeghi A, Asadzadeh Aghdaei H, Zali MR.	compared to inflammatory bowel disease and healthy controls				Medline, SCOPUS		
43	Taghipour A, Ghodsian S, Shajarizadeh M, Sharbatkhori M, Khazaei S, Mirjalali H .	Global prevalence of microsporidia infection in cats: A systematic review and meta-analysis of an emerging zoonotic pathogen	Prevent Vet Med	2021	Sixth author	Web of Science, Medline, SCOPUS	2.5	DOI: 10.1016/j.prevetmed.2021.105278
44	Rahimi HM, Nemati S, Alavifard H, Baghaei K, Mirjalali H , Zali MR.	Soluble total antigen derived from <i>Toxoplasma gondii</i> RH strain prevents apoptosis, but induces anti-apoptosis in human monocyte cell line	Folia Parasitol	2021	Corresponding author	Web of Science, Medline, SCOPUS	2.12	DOI: 10.14411/fp.2021.026
45	Javadzade R, Rostami A, Arabkhazaeli F, Bahonar A, Mohammad Rahimi H, Mirjalali H .	Molecular detection and genotype identification of <i>E. cuniculi</i> from pet rabbits	Comp Immunol Microbiol Infect Dis	2021	Corresponding author	Web of Science, Medline, SCOPUS	1.5	DOI: 10.1016/j.cimid.2021.101616
46	Azimirad M, Gol SMA, Javanmard E, Mirjalali H , Yadegar A, Aghdaei HA, Shahrokh S, Balahi H, Sadeghi A, Zali MR.	<i>Blastocystis</i> and <i>Clostridioides difficile</i> : evidence for a synergistic role in colonization among IBD patients with emphasis on ulcerative colitis	Turk J Gastroenterol	2021	Corresponding author	Web of Science, Medline, SCOPUS	1.1	DOI: 10.5152/tjg.2021.19644
47	Koohsar F, Naddaf SR, Rokni MB, Mirjalali H , Mohebbali M, Shafiei R, Mowlavi G.	Serological Detection of Trichinellosis among Suspected wild Boar Meat Consumers in North and Northeast of Iran	Iran J Parasitol	2021	Third author	Web of Science, Medline, SCOPUS	1.1	DOI: 10.18502/ijpa.v16i2.6323
48	Nemati S, Zali MR, Johnson P, Mirjalali H ,	Molecular prevalence and subtype distribution of <i>Blastocystis</i> sp. in Asia and	J Water Health	2021	Corresponding Author	Web of	1.78	DOI: 10.2166/wh.2021.011

	Karanis P.	in Australia				Science, Medline, SCOPUS		
49	Nemati S, Hajjaran H, Heydari S, Fazaeli A, Khamesipour A, Falahati Anbaran M, Mohebbali M, Mirjalali H.	Taxonomy, Population Structure and Genetic Diversity of Iranian <i>Leishmania</i> Strains of Cutaneous and Visceral Leishmaniasis	Act Parasitol	2021	Eighth author	Web of Science, Medline, SCOPUS	1.2	DOI: 10.1007/s11686-021-00377-5
50	Ahmadi O, Sharifi Y, Khosravinia N, Moghaddas E, Akhoundi M, Fotouhi-Ardakani R, Asadi J, Mohammadzade AH, Salehi Sangani G, Mirjalali H. , Zarean M.	Molecular identification and phylogenetic analysis of free-living amoeba (<i>Naegleria</i> and <i>Acanthamoeba</i>) from treated and untreated drinking water	Gen Rep	2021	Corresponding Author	Web of Science, Medline, SCOPUS	-	DOI: org/10.1016/j.genrep.2021.101328
51	Rostami A, Sepidarkish M, Ma G, Wang T, Ebrahimi M, Fakhri Y, Mirjalali H. , Hofmann A, Macpherson CNL, Hotez PJ, Gasser RB.	Global prevalence of <i>Toxocara</i> infection in cats	Adv Parasitol	2020	Seventh Author	Web of Science, Medline, SCOPUS	7.1	DOI: 10.1016/bs.apar.2020.01.025
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