

BIOGRAPHICAL SKETCH

NAME ZAHRA BABAEI	POSITION TITLE: FULL PROFESSOR
	NATIONALITY: IRANIAN

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR (s)	FIELD OF STUDY
Kerman University of Medical Sciences, Iran	BS	1997	Medical Sciences Laboratory
Tehran University of Medical Sciences ,Iran	M.S.P.H.	2001	Medical Parasitology
Iran University of Medical Sciences ,Iran	Ph.D.	2008	Medical Parasitology
https://research.kmu.ac.ir/webdocument/load.action?webdocument_code=1	https://sm.kmu.ac.ir/en/page/39532/Teachers		https://isid.research.ac.ir/

Scopus Link :

<https://www.scopus.com/results/authorNamesList.uri?sort=count-f&src=al&orcidId=0000-0003-3928-8120&sid=2fd39e728e87f16e2ceef459ddeb3f15&sot=al&sdt=al&sl=36&s=AUTH--ORCID--ID%280000-0003-3928-8120%29&selectionPageSearch=anl&reselectAuthor=false&activeFlag=true&showDocument=false&resultsPerPage=20&offset=1&jtp=false¤tPage=1&previousSelectionCount=0&tooManySelections=false&previousResultCount=0&authSubject=LFSC&authSubject=HLSC&authSubject=PHSC&authSubject=SOSC&exactAuthorSearch=true&showFullList=false&authorPreferredName=&origin=searchauthorfreelookup&affiliationId=&txGid=da8a69666b7e8a68c63c975c3943b129>

A: Positions and Honors

Positions and Employment

1998- 2010: Department of Parasitology and Mycology, college of Health Sciences, Tehran University of Medical Sciences, Tehran, Iran.

2010 to 2015: Assistant Professor of Department of Parasitology and Mycology, Kerman University of Medical Sciences, Kerman, Iran,

2015 to March 2023: Associate Professor of Department of Parasitology and Mycology, Kerman

University of Medical Sciences, Kerman, Iran and Leishmania research center, Kerman University of Medical Sciences, Kerman, Iran.

2023 to present: Professor of Department of Parasitology and Mycology, Kerman University of Medical Sciences, Kerman, Iran and Leishmania research center, Kerman University of Medical Sciences, Kerman, Iran.

Executive positions:

1. Deputy Director of Parasitology and Mycology Department.
2. Research assistant of leishmaniasis research center, Kerman, Iran
3. Official member of Iranian medical system
4. Official member of Parasitology Society of Iran
5. Representative of postgraduate education of medical school, Kerman, Iran
6. Representative of the Faculty of Medicine in the Growth and Development Center (retraining of Kerman University of Medical Sciences).
7. Educational representative at Kerman Leishmaniasis Research Center, Faculty of Medicine

Awards and Professional Honors

2005, Recipient of the Best Award for presenting the e-Parasitology Atlas in the National Graduate Students' e-Science Competition, Tehran, Iran.

2005, Recipient of the Best Award in the 1st e-Solutions Conference in Tunisia.

Ad-Hoc Reviewer

BMC Gastroenterology (2013-2015).

Journal of Kerman university of Medical Sciences (2011-now).

Journal of North Khorasan University of Medical Sciences (2013-2017).

A. Teaching Experience

2010 to Present:

1. Teaching Medical Protozoology and Helminthology to undergraduate students, Medical and Pharmacology, Nursing and Medical laboratory students, Department of Parasitology and Mycology, Kerman University of Medical Sciences, Kerman, Iran.
2. Teaching advanced Medical Protozoology and Helminthology and related subjects to undergraduate and postgraduate students such as B.Sc., M.S. and Ph.D. students. Department of Parasitology and Mycology, Kerman University of Medical Sciences, Kerman, Iran.

1998 - 2010:

Teaching practical and theoretical introductory and advanced Medical Science courses.

B. Graduate students mentored Master's students

C-1: Supervisor:

1. **Mehdi Sharifi-Rad**, MSc. student, Kerman University of Medical Sciences, Iran Defended 09/08/2014.
2. **Giti Shirvani**, MSc. student; Kerman University of Medical Sciences, Iran Defended 06/27/2015.
3. **Najmeh Malihi**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 09/06/2015.
4. **Hajar Shabandost**, MSc. student; Kerman University of Medical Sciences, Iran, Defended 01/17/2016.
5. **Maryam Noshadokht**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2017.
6. **Ehsan Javaheri**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2017.

7. **Porakbari**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2017.
8. **Mohsen Zahedi**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2018.
9. **Alireza nagahi**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2018.
10. **Mahdieh khosravi mashizi**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2020.
11. **Mohsen Azad**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2020.
12. **Sadjad Sajedinia**, MSc. student; Kerman University of Medical Sciences, Iran. Defended 2020.
13. **Najmeh Kohi**, MSc. Student; Kerman University of Medical Sciences, Iran. Defended.
14. **Razieh Zainali**, MSc. Student; Kerman University of Medical Sciences, Iran. Defended.

C-2: Advisor:

15. **Ahmad Tavakoli**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2019.
16. **Morteza saduqi**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2018.
17. **Maryam Sharifi**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2018.
18. **Asieh Askari**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2017.
19. **Fatemeh Ezatkhah**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2015.
20. **Maryam Ramezany**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2017.
21. **Arash Rakhshanpour**. MSc. Student; Tehran University of Medical Sciences, Iran. Defended 2012.
22. **Akram Rostaminia**. MSc. Student; Zahedan University of Medical Sciences, Iran. Defended 2015.
23. **Razieh Tavakoli**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2012.
24. **Salman Asadzadeh**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2012.
25. **Sayed Reza Moien Zadeh Mirhosseini**, Tehran University. defended in 2014.
26. **Afsaneh Naderi**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2014.
27. **AbbasAli Ghasemi**. MSc. Student; Kerman University of Medical Sciences, Iran. Defended 2013.

D: PhD. Students

D-1: Supervisor:

1. **Farideh Tohidi**, Kerman University of Medical Sciences, Iran, Defended 2018.
2. **Nima Firozeh**, Kerman University of Medical Sciences, Iran, Defended 2021.
3. **Marzieh Asadi**, Kerman University of Medical Sciences, Iran, in progress.

D-2: Advisor:

4. **Sima Rostami**, Kerman University of Medical Sciences, Iran, Defended 2013.
5. **Poyya Ghasemi Nejad Almani** , Kerman University of Medical Sciences, Iran, Defended 2015.
6. **Farzaneh zarinkar**; Kerman University of Medical Sciences, Iran. In progress.

E: Publication

Peer-reviewed publications

Citation: 877

Scopus H index= 19

1. Fatemeh Sharifi, Iraj Sharifi, **Zahra Babaei**, Sodabeh Alahdin, Ali Afgar. Bioinformatics evaluation of anticancer properties of GP63 protein-derived peptides on MMP2 protein of melanoma cancer. **2023**.Journal of Pathology Informatics; Volume 14, 2023, 100190.
2. Mehdi Bamorovat, Iraj Sharifi, Mohammad Reza Aflatoonian, Ehsan Salarkia, Setareh Agha Kuchak Afshari, Mohsen Pourkhosravani, Ali Karamoozian, Ahmad Khosravi, Behnaz Aflatoonian, Fatemeh Sharifi , **Zahra Babaei**, Hassan Divsalar, Behzad Amiri, Mohammad Reza Shirzadi (2023) . A prospective longitudinal study on the elimination trend of ruralcutaneous leishmaniasis in southeastern Iran, 1991-2021.**2023**.Available at SSRN: <https://ssrn.com/abstract=4417962> or <http://dx.doi.org/10.2139/ssrn.4417962>.
3. Rashno Z , Sharifi I , Tavakoli Oliaee R, Tajbakhsh S, Sharififar F, Sharifi F F, Hatami A, Faridi A, and **Babaei Z*** .Anti-leishmanial activity of Avicennia marina (Avicenniaceae family) leaves hydroalcoholic extract and its possible cellular mechanisms. *Parasite Epidemiol Control*. **2022** May; 17: e00239.Published online. Jan 19. doi: 10.1016/j.parepi.2022.e00239.
4. Mohseni F, Sharifi I Tavakoli Oliaee R, **Babaei Z**, Mostafavi M, Ghasemi Nejad Almani P, et al. Antiproliferative properties of Turmerone on Leishmania major: Modes of action confirmed by antioxidative and immunomodulatory roles .*Comp Immunol Microbiol Infect Dis*; **2022** May;84:101797. doi: 10.1016/j.cimid.2022.101797. Epub 2022 Mar 17.
5. Keyhani A, Sharifi I, Salarkia E, Khosravi A, Tavakoli Oliaee R, **Babaei Z**, Ghasemi Nejad Almani P,et al. In vitro and in vivo therapeutic potentials of 6-gingerol in combination with amphotericin B for treatment of Leishmania major infection: Powerful synergistic and multifunctional effects Int Immunopharmacol . **2021** Dec;101(Pt B):108274. doi: 10.1016/j.intimp.2021.108274. Epub 2021 Oct 21.
6. Eftekhari-Kenzerki R, Solhjoo K, **Babaei Z**, Rezanezhad H , Abolghazi A, Taghipour A. High occurrence of Acanthamoeba spp. in the water samples of public swimming pools from Kerman Province, Iran . J Water Health. **2021**; Oct;19(5):864-871. doi: 10.2166/wh.2021.162.
7. Javaheri E, Sharifi I, Bamorovat M, Barghbani R, Raiesi O, Borhani Zarandi M, Mohammad Ali Mohammadi MA*, **Babaei Z***. New foci of zoonotic cutaneous leishmaniosis due to Leishmania major in the northeastern Iran cities of Sabzevar and Neghaab *Ann Parasitol*. **2021**;67(4):683-689. doi: 10.17420/ap6704.384.
8. Karimi T, Sharifi I, Aflatoonian M R , Aflatoonian B, Mohammadi M A, Salarkia E, **Babaei Z** , Zarinkar F et al. A long-lasting emerging epidemic of anthroponotic cutaneous leishmaniasis in southeastern Iran: population movement and peri-urban settlements as a major risk factor. Parasit Vectors. **2021**; 14: 122. Published online **2021** Feb 24. doi: 10.1186/s13071-021-04619-3
9. Nikpour S, Tabatabaie F, Sharifi I, Mostafavi M, Tavakoli Oliaee R , Sharifi F, **Babaei Z**, Jafari E, Salarkia E, Shahbazzadeh D. The Fraction of the Snake Venom, Its Leishmanicidal Effect, and the Stimulation of an Anti- Leishmania Response in Infected Macrophages Endocr Metab Immune Disord Drug Targets. **2021**;21(6):1115-1124. doi: 10.2174/1871530320999201110211222
10. Sharifi I, Tabatabaie F, Nikpour S, Mostafavi M, Tavakoli Oliaee R, Sharifi F, **Babaei Z** , Jafari E, Salarkia E, Shahbazzadeh D .The Effect of Naja naja oxiana Snake Venom Against Leishmania tropica Confirmed by Advanced Assays. *Acta Parasitol*. **2021** Jun;66(2):475-486. doi: 10.1007/s11686-020-00301-3. Epub 2020 Nov 6.

11. Firouzeh, N , Ziaali N , Sheibani V, Doustimotlagh AM, Afgar A, Zamanpour M, Keshavarz H, Shojaee S, Shafiei R, Esmailpour K, and **Babaei Z *** . Chronic Toxoplasma gondii Infection Potentiates Parkinson's Disease Course in Mice Model. *Iran J Parasitol*. **2021** Oct-Dec; 16(4): 527–537.
12. Ilaghi M,a Sharifi I , Sharififar F, Sharifi F, Tavakoli Oliaee R, **Babaei Z**, Shamsi Meimamandi M, Alireza Keyhani A and Bamorovat M. The potential role and apoptotic profile of three medicinal plant extracts on Leishmania tropica by MTT assay, macrophage model and flow cytometry analysis. *Parasite Epidemiol Control*. **2021** Feb; 12: e00201.Published online **2021** Jan 10. doi: 10.1016/j.parepi .2021.e00201
13. Afgar A, Vahidi R, Ebrahimipoura M, **Babaei Z**, Mirzaei-Parsa MJ, Ravari MS The prediction and expression of miR-203a-p and miR-29b* against DNMT3B as well as TNFAIP3 in melanoma. *Gene Reports*;**2021** 25, December 2021, 101374.
14. Solhjoo K, Eftekhari-Kenzerki R, **Babaei Z** ,Rezanezhad H , Abolghazi A. Detection and Identification of Naegleria australiensis from Swimming pools in Kerman province, *Pars J of Medical Sciences*.2020; 18(2):19-25.
15. Tavakoli Oliaee R, Sharifi I, Bamorovat M, Keyhani A, **Babaei Z**, Salarkia E, Tavakoly R , Khosravi A, Mostafavi M, Sharifi F, Seyed Mohammad Mousavi 6. The potential role of nicotinamide on Leishmania tropica: An assessment of inhibitory effect, cytokines gene expression and arginase profiling. *Int Immunopharmacol..* **2020** Sep; 86:106704. doi: 10.1016/j.intimp.2020.106704. Epub 2020 Jun 23.
16. Sharifi M, Jahanimoghadam F, **Babaei Z**, Mohammadi MA, Sharifi F Hatami N, Danesh M, Poureslami P. Poureslami H. Prevalence and Associated-Factors for Entamoeba gingivalis in Adolescents in Southeastern Iran by Culture and PCR, 2017. *Iran J Public Health*,**2020** Feb;49(2):351-359.
17. Shabandoust H, Sharifi I, Raiesi O, Getso MI, Dezaki Saedi E, Afgar A, Shirvani G;Salarkia E, **Babaei Z***. Serum 25-hydroxyvitamin D level and vitamin D receptor (VDR) polymorphisms in patients infected with Leishmania tropica: a case control study. *J Parasit Dis* ; **2020** Mar;44(1):40-48. doi:10.1007/s12639-019-01159-7. Epub 2019 Sep 26.
18. Shirvani G, Fasihi-Harandi M, Raiesi O, Bazargan N, Zahedi MJ, Sharifi I, Kalantari-Khandani B, Nooshadokht M, Shabandoust H, Mohammadi MA, Ebrahimipour M, **Babaei Z***. Prevalence and Molecular Subtyping of Blastocystis from Patients with Irritable Bowel Syndrome, Inflammatory Bowel Disease and Chronic Urticaria in Iran. *Acta Parasitol*. **2020** Mar;65(1):90-96. doi: 10.2478/s11686-019-00131-y. Epub 2019 Oct 10
19. Tohidi F, Kazemi B, Bandhepour M, Sharifi I, Rabiei MR, Saedi Dezaki E, **Babaei Z***. Transient Down-Regulation of Nucleoside Transporter 3 Gene Expression as a Drug Target in Leishmania major Using Antisense RNA Technology. *Iran J Parasitol*. **2019** Jan-Mar;14(1):111-119.
20. Tohidi F, **Babaei Z***, Kazemi B, Bandhepour M, Sharifi I, Rabiei MR, Dezaki ES. Transient knockdown of Nucleoside transporter 4 gene expression as a therapeutic target in Leishmania

- major by antisense RNA: In vitro and in vivo studies. *J Vector Borne Dis.* **2019** Apr-Jun;56(2):98-104. doi: 10.4103/0972-9062.263718.
21. Saduqi M, Sharifi I, **Babaei Z**, Keyhani A, Mostafavi M, Hakimi Parizi M, Ghasemian M, Bamorovat M, Sharifi F MR, Aflatoonian, Sharififar F, Ghasemi Nejad P, Khosravi A, Salarkia E, Varma RS. Anti-Leishmanial and Immunomodulatory Effects of Epigallocatechin 3-O-Gallate on *Leishmania tropica*: Apoptosis and Gene Expression Profiling Iran *J Parasitol.* Oct-Dec 2019;14(4):521-533.
 22. Aflatoonian M R, Sharifi I*, Aflatoonian B, Bamorovat M, Heshmatkhah A, **Babaei Z**, Ghasemi Nejad Almani P et al. Associated-risk determinants for anthroponotic cutaneous leishmaniasis treated with meglumine antimoniate: A cohort study in Iran. *PLoS Negl Trop Dis.* **2019**; 13(6): e0007423. [https:// doi.org/10.1371/journal.pntd.0007423](https://doi.org/10.1371/journal.pntd.0007423)
 23. Ezatkhah F, Sharifi I, **Babaei Z**, Baneshi MR, Zolala F, Kermanizadeh A, A Keyhani A, Sharifi M, Dezaki ES, Aflatoonian MR, Aflatoonian B, Khatami M, Bamorovat M. Clinical and laboratory evaluation of cured and non-cured patients with cutaneous leishmaniasis treated by Glucantime *J Vector Borne Dis.* Oct-Dec **2019**;56(4):351-359. doi: 10.4103/0972-9062.302039.
 24. Razavinasab SZ, Sharifi I, Aflatoonian MR, **Babaei Z**, Mohammadi MA, Salarkia E, Sharifi F, Aghaei Afshar A, Bamorovat M, Expansion of urban cutaneous leishmaniasis into rural areas of southeastern Iran: Clinical, epidemiological and phylogenetic profiles explored using 7SL high resolution melting-PCR analysis. *Transbound Emerg Dis.* **2019** Jul;66(4):1602-1610. doi: 10.1111/tbed.13186. Epub 2019 Apr 15.
 25. Askari A, Sharifi I, Aflatoonian MR, **Babaei Z**, Ghasemi Nejad Almani P, Mohammadi MA, Alizadeh H, Hemati S, Bamorovat M. A newly emerged focus of zoonotic cutaneous leishmaniasis in South-western Iran. *Microb Pathog.* 2018 Aug;121:363-368. doi: 10.1016/j.micpath.2018.04.053. Epub 2018 Apr 27.
 26. Rostami S, Salavati R, Beech RN, **Babaei Z**, Sharbatkhori M, Shamsaddini S, Nasibi S, Harandi MF. Genetic and morphometric categorization of *Taenia ovis* from Sheep in. *Iran.Parasitology.* **2018** Nov 13:1-6. doi: 10.1017/S0031182018001907.
 27. Oliaee RT, Sharifi I, Afgar A, Jafarzadeh A, Kareshk AT, Bamorovat M, Sharifi H, **Babaei Z**, Keyhani A, Abedi L, Keyhani A, Sharifi F. Differential expression of TLRs 2, 4, 9, iNOS and TNF- α and arginase activity in peripheral blood monocytes from glucantime unresponsive and responsive patients with anthroponotic cutaneous leishmaniasis caused by *Leishmania tropica*. *Microb Pathog.* **2018** Nov 3. pii: S0882-4010(18)31510-9. doi: 10.1016/j.micpath.2018.11.004.
 28. Ramezany M, Sharifi I, **Babaei Z**, Ghasemi Nejad Almani P, Heshmatkhah A, Keyhani A, Aflatoonian MR, Mohammadi MA, Sharifi F, Bamorovat M. Geographical distribution and molecular characterization for cutaneous leishmaniasis species by sequencing and phylogenetic analyses of kDNA and ITS1 loci markers in south-eastern Iran. *Pathog Glob Health.* **2018** Mar 14:1-10. doi: 10.1080/20477724.2018.1447836. [Epub ahead of print].
 29. Nooshadokht M, Kalantari-Khandani B, Sharifi I, Kamyabi H, Liyanage NPM, Lagenaur LA, Kagnoff MF, Singer SM, **Babaei Z***, Solaymani-Mohammadi S*. Stool antigen immunodetection for diagnosis of *Giardia duodenalis* infection in human subjects with HIV and cancer. *Microbiol Methods.* **2017** Oct; 141:35-41.
 30. Rostami S, Rezaeian M,, Jamali R,, Rezaie S, **Babaei Z**, Hooshyar H. Differences in *Entamoeba*

histolytica Cysteine Proteinase 5 Gene Isolated From Bandar Abbas and Tabriz, Iran. *Int J Enteric Pathog*, **2017**; 5(2), 49-53; DOI:10.15171/ijep.2017.12

31. Tavakoli Kareshk A, Mahmoudvand H, Keyhani A, Tavakoli Oliaee R, Mohammadi MA, **Babaei Z**, Hajhosseini MA, Zia-Ali N. Molecular detection and genetic diversity of *Toxoplasma gondii* in different tissues of sheep and goat in Eastern Iran. *Tropical Biomedicine* **2017** (34): 681-690.
32. Sharifi I, Aflatoonian MR, Daei Parizi MH, Hosseininassab A, Mostafavi M, Bamorovat M, Aghaei Afshar A, Mohebbali M, Keshavarz H, Daneshvar H, **Babaei Z**, Mahmoudvand H, Mohammadi MA, Sharifi F, Barati M, Kamiabi H, Khaleghi T. Visceral Leishmaniasis in Southeastern Iran: A Narrative Review. *Iran J Parasitol*. **2017** Jan-Mar; 12(1):1-11.
33. Tavakoli Oliaee R, **Babaei Z**, Hatam GR, Tavakoli Kareshk A, Mahmoudvand H, Vafafar A, Ziaali N. Considerable Genetic Diversity of *Trichomonas vaginalis* Clinical Isolates in a Targeted Population in South of Iran. *Iran J Parasitol*. **2017** Apr-Jun; 12(2):251-259.
34. Nooshadokht M, Sharifi I, Mohammadi MA, Pirestani M, Afgar A, Mahootchi A, Salari S. **Babaei Z***. Intestinal microsporidiosis in Iran: infection in immune-compromised and immunocompetent patients. *Curr Med Mycol*. **2017** Mar;3(1):30-36. doi: 10.18869/acadpub.cmm.3.1.30.
35. Almani PG, Sharifi I, Kazemi B, **Babaei Z**, Bandehpour M, Salari S. Designing and Cloning Molecular Constructs to Knock out N-acetylglucosamine phosphatidyl inositol-de-N-acetylase (GPI12) gene in *Leishmania major* (MRHO/IR/75/ER). *Iran J Parasitol*: Vol. 11, No. 4, Oct -Dec **2016**, pp.448-462.
36. **Babaei Z**, Malihi N, Ziaali N, Sharifi I, Mohammadi MA, Kagnoff, MF, Eckmann L, Singer SM, Solaymani-Mohammadi S. Adaptive immune response in symptomatic and asymptomatic enteric protozoal infection: Evidence for a Determining Role of Parasite Genetic Heterogeneity in Host Immunity to Human Giardiasis. *Microbes Infect*. **2016** Nov; 18(11):687-695.
37. Almani PG, Sharifi I, Kazemi B, **Babaei Z**, Bandehpour M, Salari S, Dezaki ES, Tohidi F, Mohammadi MA. The role of GlcNAc-PI-de-N-acetylase gene by gene knockout through homologous recombination and its consequences on survival, growth and infectivity of *Leishmania major* in in vitro and in vivo conditions. *Acta Trop*. **2016** Feb;154:63-72. doi: 10.1016/j.actatropica.2015.10.025. Epub 2015 Nov 10.
38. Sharifi-Rad M, Dabirzadeh M, Sharifi I, **Babaei Z**. *Leishmania major*: Genetic Profiles of the Parasites Isolated from Chabahar, Southeastern Iran by PPIP-PCR. *Iran J Parasitol*. **2016** Jul-Sep; 11(3):290-295.
39. Rostami S, Salavati R, Beech RN, **Babaei Z**, Sharbatkhori M, Harandi MF(2015). Genetic variability of *Taenia saginata* inferred from mitochondrial DNA sequences. *Parasitol Res. Apr*; 114(4):1365-76.

40. Tavakoli Kareshk A, Keyhani A, Mahmoudvand H, Tavakoli Oliaei R, Asadi A, Andishmand M, Azzizian H, **Babaei Z**, Zia-Ali N. Efficacy of the *Bunium persicum* (Boiss) Essential Oil against Acute Toxoplasmosis in Mice Model. *Iran J Parasitol*. **2015** Oct-Dec; 10(4):625-31.
41. Rostami S, Shariat Torbaghan S, Dabiri S, **Babaei Z**, Ali Mohammadi M, Sharbatkhori M, Fasihi Harandi M. Genetic characterization of *Echinococcus granulosus* from a large number of formalin-fixed, paraffin-embedded tissue samples of human isolates in Iran. *Am J Trop Med Hyg*. **2015**. Mar; 92(3):588-94.
42. Rostami S, Salavati R, Beech RN, **Babaei Z**, Sharbatkhori M, Baneshi MR, Hajjalilo E, Shad H, Harandi MF. Molecular and morphological characterization of the tapeworm *Taenia hydatigena* (Pallas, 1766) in sheep from Iran. *J Helminthol*. **2015** Mar; 89(2):150-7.
43. Bamorovat M, Sharifi I, Mohammadi MA, Fasihi Harandi M, Mohebbali M, Malekpour Afshar R, **Babaei Z**, Ziaali N, Aflatoonian MR. Canine visceral leishmaniasis in Kerman, southeast of Iran: a seroepidemiological, histopathological and molecular study. *Iran J Parasitol*; **2014**. Sep; 9(3):342-9.
44. Mirjalali H, Niyyati M, Abedkhozasteh H, **Babaei Z**, Sharifdini M, Rezaeian M. Pathogenic assays of *Acanthamoeba* belonging to the T4 genotype. *Iran J Parasitol*; **2013** Oct; 8(4):530-5.
45. Rostami S, Salavati R, Beech RN, Sharbatkhori M, **Babaei Z**, Saedi S, Harandi MF. Cytochrome c oxidase subunit 1 and 12S ribosomal RNA characterization of *Coenurus cerebralis* from sheep in Iran. *Vet Parasitol*; **2013** Oct 18; 197(1-2):141-51.
46. Mahmoudvand H, Farivar L, Sharifi, Harandi MF, Moazed V, Jahanbakhsh S, **Babaei Z**, Zia-Ali N. Fatal Case of *Plasmodium vivax* Malaria in a Splenectomized Patient. *Iran J Parasitol*; **2012**; 7(3):99-102.
47. Rakhshanpour A, Harandi MF, Moazezi S, Rahimi M, Mohebbali M, Mowlavi G, **Babaei Z**, Ariaeipour M, Heidari Z, Rokni M. Seroprevalence of human hydatidosis using ELISA method in Qom province, central Iran. *Iran J Parasitol*; **2012**; 7(3):10-5.
48. Heidarnegadi S, Mohebbali M, Maraghi Sh, **Babaei Z**, Farnia Sh, Bairami A, Rezaeian M. *Cryptosporidium* spp. Infection in human and domestic animals. *Iran J Parasitol*; **2012**; 7(1):53-8.
49. Pestehchian N, Rasekh H, **Babaei Z**, Yousefi HA, Eskandarian AA, Kazemi M, Akbari M (2012). Identification of genotypes of *Giardia duodenalis* human isolates in Isfahan, Iran, using polymerase chain reaction - Restriction Fragment Length polymorphism. *Adv Biomed Res*; Dec 28; 1: 84.
50. Bairami Kuzehkhanan A, Rezaeiam M, Zeraati H, Mohebbali M, Meamar AR, **Babaei Z**, Kashi L, Heidarnegadi SM, Rezaie S (2011). Enteric Protozoan Parasites in Rural Areas of Bandar-Abbas, Southern Iran: Comparison of Past and Present Situation, *Iranian J Publ Health*, 40(1):80-85.
51. Bairami Kuzehkhanan A, Rezaeiam M, Zeraati H, Mohebbali M, Meamar AR, **Babaei Z**, Kashi L, Heidarnegadi SM, Rezaie S. (2011). A Sensitive and specific PCR based method for identification of *Cryptosporidium* Sp. Using new primers from 18 S ribosomal RNA. *Iran J Parasitol*; Dec; 6(4):1-7.

52. Badirzadeh A, Niayyati M, **Babaei Z**, Amini H, Badirzadeh H, Rezaian M (2011). Isolation of a free living amoeba from Sarein hot spring in Ardebil province, Iran. *J Parasitol*; 6(2): 1-8.
53. **Babaei Z**, Razmjou, E, Oormazdi H, Rezaie S, and Rezaian M (2011). *Giardia intestinalis*: DNA extraction approaches to improve PCR results. *Exp Parasitol* 2011; jun, 128(2): 159-62.
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