

CURRICULUM VITAE

Seyedmousa Motavallihaghi

PERSONAL INFORMATION

Academic Position: Assistant Prof, Department of Medical Parasitology and Mycology in Hamadan University of Medical Science, Iran

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Address: Department of Medical Parasitology and Mycology, School of Medicine, Hamadan University of Medical Sciences, Hamadan, Iran.

EDUCATION

Ph. D	Medical Parasitology Hamadan University of Medical Sciences, School of Medicine, Hamadan, Iran	September 2014 - October 2018
MSc	Medical Parasitology Mazandaran University of Medical Sciences, School of Medicine, Mazandaran, Iran	September 2012 - October 2014
BA	Veterinary Laboratory Scientific Babol University of Veterinary Sciences, Mazandaran, Iran	September 2008 - October 2010
AS	Medical Laboratory Scientific Zahedan University of Faculty of Paramedicine, Sistan-Balochestan, Iran	September 2001 - October 2003

Research & Work Experience

Department of Medical Parasitology and Mycology in
Hamadan University of Medical Science

September 2020 - until now

Position: Assistant Professor

Teaching in the field of medical parasitology to medical and paramedical courses in postgraduate and PhD degrees. Also, designing research projects and implementing them, giving new research ideas for students' theses as their supervisor. Organizing workshops and participating in national and international conferences for scientific promotion. As well as research and registration of new ideas as a patent.

PUBLICATIONS

Thesis

Ph.D.

Thesis subject: “A survey on the effect of oxidative stress on vital indicators of *Acanthamoeba castellanii* (T4 genotype)”

Head Supervisor: Prof. Amir Hossein Maghsood

M. Sc.

Thesis subject: “Detection and characterization of *Babesia Spp.* in cattle and sheep in endemic regions of Golestan and Mazandaran Provinces by PCR method”

Head Supervisor: Prof. Mahdi Fakhar

Published Papers

1. Alireza Sazmand, Georgiana Deak, Ali Kalantari-Hessari, Pouria Rafiei, Navid Etemadi, Hessam Hajilou, Mina Malekmohammadi, Leili Moradi, Monireh Khordadmehr, **Syedmousa Motavallihaghi**, Ali Fattahi-Bafghi, Mariaelisa Carbonara, Stephanie Oren, Domenico Otranto, Visceral leishmaniosis in dogs from western Iran. *Veterinary Parasitology: Regional Studies and Reports* (2025)
<https://www.sciencedirect.com/science/article/abs/pii/S2405939025001595>
2. Tayebe Roostaei, Seyed Ali Hosseini, Faeze Foroughi-Parvar, **Mousa Motavalli Haghi**, Mehrdad Hajilooi, Mohammad Matini, The role of blood nested B1-gene in differentiation of acute toxoplasmosis from chronic infection during pregnancy. *Journal of Parasitic Diseases* (2025)
<https://link.springer.com/article/10.1007/s12639-025-01834-y>

3. Maryam Hajizadeh, **Syedmousa Motavallihaghi**, Elham Badakhsh, Tohid Kazemi, Abdol Sattar Pagheh, Kareem Hatam-Nahavandi, Ehsan Ahmadpour, Immunomodulatory potential of *Toxoplasma gondii* lysate in C57BL/6 mouse model of autoimmune encephalomyelitis. *AMB Express* (2025)
<https://link.springer.com/article/10.1186/s13568-025-01900-x>
4. Mohammad Sardari, Alireza Nourian, Farzad Parsa, Salman Zafari, Heshmatollah Taherkhani, Amir Hossein Maghsood, Mohammad Matini, **Syed Mousa Motevali Haghi**, Mohammad Fallah. Migration Pattern and Tissue Tropism of *Toxascaris leonina* (Linstow, 1902) Larvae: An in vivo Evaluation. *Iranian Biomedical Journal* (2025)
<https://pmc.ncbi.nlm.nih.gov/articles/PMC12396119/>
5. Fariba Faizi, Reza Mahjub, Negin Torabi, **Syedmousa Motavallihaghi**, Mohammad Fallah, Cationized albumin conjugated solid lipid nanoparticles as vectors for delivery of albendazole against cystic echinococcosis. *Parasites & Vectors* (2024)
<https://link.springer.com/article/10.1186/s13071-024-06473-5>
6. Mahdi Fakhar, Khadijeh Najafi Ghobadi, Nastaran Barati, Salman Zafari, Seyed Ali Hosseini, Eissa Soleymani, **Syedmousa Motavallihaghi***, Prevalence of *Toxoplasma gondii* infection in COVID-19 patients: A systematic review and meta-analysis. *Microbial Pathogenesis* (2024)
<https://www.sciencedirect.com/science/article/abs/pii/S088240102400531X>
7. Manizheh Kashi Nahanji, Mohammad Mehdi Mahboobian, Amir Larki Harchegani, Mehdi Mohebali, Mohammad Fallah, Alireza Nourian, **Syedmousa Motavallihaghi**, Amir Hossein Maghsood, Enhancing the efficacy of fluconazole against *Leishmania major*: Formulation and evaluation of FLZ-nanoemulsions for topical delivery. *Biomedicine & Pharmacotherapy* (2024)
<https://www.sciencedirect.com/science/article/pii/S0753332224009934>
8. Gholam Reza Valizadeh, Mohammad Mahdi Mahboubian, Amir Hossein Maghsoud, Fatemeh Mirzaei, **Syedmousa Motavalli Haghi**, Faezeh Foroughi Parvar, Mohammad Fallah, Effectiveness of Miltefosine Nanoemulsion Concerning the Treatment of Acute and Chronic Toxoplasmosis: In Vivo Study. *Iranian Journal of Parasitology* (2024)
<https://pmc.ncbi.nlm.nih.gov/articles/PMC11417982/>
9. **Syed Mousa Motavallihaghi**, Moeini Effat Sadat Mir, Saeed Bashirian, Fereshteh Mehri, Ghane Elehe Talebi, Seyed Mehdi Hosseini, Ali Poormohammadi, Relationship between Subclinical Nephropathy and Oxidative Stress in Azandrian Silica Workers. *Journal of Research in Urology* (2024)
https://urology.umsha.ac.ir/browse.php?a_code=A-10-3443-1&sid=1&slc_lang=en&ftxt=1&pure_pdf=1
10. Nastaran Barati, Ali Shojaeian, Mahdi Ramezani, Fereshte Kalhori, Salman Zafari, Sara Soleimani Asl, **Syedmousa Motavallihaghi**, Investigating the effect of parasites (*toxoplasma gondii* RH strain, *Leishmania major* (MRHO/IR/75/ER), and hydatid cyst)

antigens on Alzheimer's disease: An in vivo evaluation, *Experimental Neurology* (2024)
<https://www.sciencedirect.com/science/article/abs/pii/S0014488624001390>

11. Eissa Soleymani, Mahdi Fakhar, Lotfollah Davoodi, **Syedmousa Motavallihaghi**, Ali Sharifpour, Amir Hossein Maghsoud, Isolation, characterization, and pathogenicity assay of *Acanthamoeba* and its endosymbionts in respiratory disorders and COVID-19 hospitalized patients, northern Iran, *Experimental Parasitology* (2024)
<https://www.sciencedirect.com/science/article/abs/pii/S0014489424000778>
12. Salman Zafari, **Syedmousa Motavallihaghi**, Aref Salehzadeh, Amirhossein Zahirnia, Alireza Sazmand, Amir Hossein Maghsoud, Molecular investigation of *Leishmania* in sandflies (Diptera: Psychodidae) and rodents (Mammalia: Rodentia) in Nahavand, west of Iran, *Parasitology Research* (2024)
<https://link.springer.com/article/10.1007/s00436-024-08265-3>
13. Mehran Armanfar, **Syedmousa Motavallihaghi**, Saeid Heidari, Reza Ghasemikhah. Multiple cerebral hydatid cysts: A rare case report' *Interdisciplinary Neurosurgery* (2024)
<https://www.sciencedirect.com/science/article/pii/S2214751923001615>
14. Gholam Reza Valizadeh, Mohammad Mehdi Mahboobian, Amir Hossein Maghsoud, Fatemeh Mirzaei, **Mousa Motevali Haghi**, Faezeh Foroughi Parvar, Mohammad Fallah, Development and evaluation of miltefosine-loaded nanoemulsions on in vitro culture of *Toxoplasma gondii*. *Nanomedicine Journal* (2024)
<https://openurl.ebsco.com/EPDB%3Agcd%3A4%3A14106868/detailv2?sid=ebsco%3Alink%3Ascholar&id=ebsco%3Agcd%3A176526654&crl=c>
15. Amir Hossein Maghsoud, Shaghayegh Kayedimajd, **Syedmousa Motavallihaghi**, Rohallah Abedian, Shirafkan Kordi, Lotfollah Davoodi, Fariba Faizi, Eissa Soleymani. Irritable Bowel Syndrome Associated with *Blastocystis hominis* or Without Relationship to It? A Case–Control Study and Minireview' *Acta Parasitologica*. (2024)
<https://assets-eu.researchsquare.com/files/rs-3405786/v1/528ef5cc-30b1-4115-bbde-224bd6f0fc2c.pdf?c=1707145777>
16. **Syedmousa Motavallihaghi**, Mojgan Ghaemipanaeian, Sara Soleimani Asl, Faeze Foroughi-Parvar, Amir Hossein Maghsoud. *Toxoplasma gondii* attenuates the Ethidium bromide induced demyelination lesions in multiple sclerosis model rats' *International Immunopharmacology*. (2023)
<https://www.sciencedirect.com/science/article/abs/pii/S1567576923007026>
17. **Syedmousa Motavallihaghi**, Amir Hossein Maghsoud, Davood Nematollahi, Nastaran Barati, Sara Soleimani Asl, Abbas Farmani, Faeze Foroughi-Parvar, Mohammad Fallah. Dimedone nanoparticle as a promising approach against toxoplasmosis: In vitro and in vivo evaluation' *Biomedicine & Pharmacotherapy* (2023)
<https://www.sciencedirect.com/science/article/pii/S0753332223011472>

18. Ali Ehsan Shahbazi, Nastaran Barati, Eissa Soleymani, Pegah Khandan Del, Abolfazl Khandan Del, Nemat Azizi, Mehran Bakhtiari, **Syedmoussa Motavallihaghi***. Association between toxoplasmosis and COVID-19 infection: A cross-sectional study' Medical Laboratory Journal (2023)
https://mlj.goums.ac.ir/browse.php?a_id=1575&slc_lang=en&sid=1&ftxt=1&html=1
19. **Syedmoussa Motavallihaghi**, Hamid Tanzadehpanah, Sara Soleimani Asl, Ali Shojaeian, Milad Yousefimashouf, Nastaran Barati. In vitro anticancer activity of hydatid cyst fluid on colon cancer cell line (C26)' Egyptian Journal of Medical Human Genetics (2023)
<https://jmhg.springeropen.com/articles/10.1186/s43042-023-00394-1>
20. Ali Poormohammadi, Elaheh Talebi Ghane, Effat Sadat Mir Moeini, Saeed Bashirian, **Syedmoussa Motavallihaghi**, Fereshteh Mehri. Evaluation of oxidative stress biomarkers and liver enzyme activity in workers occupationally exposed to respirable free crystalline silica' Journal of Air Pollution and Health. (2023)
<https://publish.kne-publishing.com/index.php/JAPH/article/view/12031>
21. Javad Mahdavi, **Syedmoussa Motavallihaghi**, Reza Ghasemikhah. Evaluation of clinical and paraclinical findings in patients with reactive arthritis caused by giardiasis: a systematic review' Seminars in Arthritis and Rheumatism. (2022)
<https://doi.org/10.1016/j.semarthrit.2022.152094>
22. Nastaran Barati, **Syedmoussa Motavallihaghi**, Banafsheh Nikfar, Shahla Chaichian, Amir Abbas Momtazi-Borojeni. Potential therapeutic effects of Ivermectin in COVID-19' Experimental Biology and Medicine. (2022)
<https://journals.sagepub.com/doi/abs/10.1177/15353702221099579?journalCode=ebmb>
23. **Syedmoussa Motavallihaghi**, Iraj Khodadadi, Farjam Goudarzi, Saeid Afshar, Ali Ehsan Shahbazi, Amir Hossein Maghsood. The role of Acanthamoeba castellanii (T4 genotype) antioxidant enzymes in parasite survival under H₂O₂-induced oxidative stress' Parasitology International. (2022)
<https://www.sciencedirect.com/science/article/abs/pii/S1383576921002415>
24. **Syedmoussa Motavallihaghi**, Mahdi Fakhar, Mitra Sharbatkhori, Abdol Sattar Paghe. First molecular evidence of Theileria lestoquardi in small ruminants in northern Iran' Annals of Parasitology (2022)
<https://europepmc.org/article/med/36586724>
25. Fariba Jafari, **Syed Mousa Motavallihaghi**, Amir Hossein Maghsood, Faeze Foroughi-Parvar. Sarcocystis bovis in Raw Hamburgers Marketed in Hamadan City, Western Iran' Iranian Journal of Parasitology (2022).
<https://www.proquest.com/docview/2641530621?pq-origsite=gscholar&fromopenview=true>

Ali Ehsan Shahbazi, **Seyedmoussa Motavallihaghi**, Shirin Moradkhani, Mohammad Matini, Mohammad Fallah. Comparison of scolicial effects of hydroalcoholic extract of *Cornus mas* and *Lavandula officinalis* in vitro' *Koomesh* (2022)

https://koomeshjournal.semums.ac.ir/browse.php?a_id=6503&sid=1&slc_lang=en

26. Lotfollah Davoodi, Azadeh Mizani, Roya Najafi-Vosough, Saeed Hosseini Teshnizi, Afsaneh Amouei, **Seyedmoussa Motavallihaghi**, Hamideh Izadyar, Fateme Amuei, Sara Pourhaghghi, Seyed Reza Mirbadi, Eissa Soleymani. A Descriptive Study of Human Fascioliasis in Qaemshahr, Mazandaran Province, Iran: Its Prevalence and Risk Factors' *Archives of Clinical Infectious Diseases*. (2022)

<https://brieflands.com/articles/archcid-123682.html>

27. Ali Poormohammadi, Erfan Ayubi, Nastaran Barati, **Seyedmoussa Motavallihaghi**, Effat Sadat Mir Moeini, Fereshteh Mehri. Urinary levels of amorphous urate crystals as a biological marker for occupational exposure to crystalline free silica, *Journal of Air Pollution and Health* (2022)

<https://japh.tums.ac.ir/index.php/japh/article/view/425>

28. Mohammad Fallah, **Seyedmoussa Motavallihaghi**, Mehran Bakhtiari. Seroepidemiological Survey of Human Hydatidosis in Patients Referred to the Health Service Centers of Hamadan in 2019, *Epidemiology and Health System Journal* (2022)

http://ijer.skums.ac.ir/article_252368.html

29. **Moussa Motavalli Haghi**, Zohreh Khorshidvand, Salman Khazaei, Faezeh Foroughi-Parvar, Hossein Sarmadian, Nastaran Barati, Fariborz Etemadifar, Reza Ghasemikhah. *Cryptosporidium* animal species in Iran: a systematic review and meta-analysis, *Tropical medicine and health* (2020)

<https://link.springer.com/article/10.1186/s41182-020-00278-9>

30. Banihashemi SM, Soleymani E, Abdizadeh R, **Motavalli Haghi M**, Khalili B. 'Intestinal Protozoan Infections in Cancer Patients Undergoing Chemotherapy in Shahrekord the Central Southwest of Iran in 2018' *International Journal of Epidemiologic Research*. (2020)

http://ijer.skums.ac.ir/article_44726.html

31. **Haghi MM**, Khorshidvand Z, Khazaei S, Foroughi-Parvar F, Sarmadian H, Barati N, Etemadifar F, Ghasemikhah R. '*Cryptosporidium* animal species in Iran: a systematic review and meta-analysis' *Tropical Medicine and Health*. (2020)

<https://tropmedhealth.biomedcentral.com/articles/10.1186/s41182-020>

32. Shahbazi AE, Saidijam M, Maghsood AH, Matini M, **Haghi MM**, Fallah M. 'Genotyping of fresh and parafinized human hydatid cysts using nad1 and cox1 genes in Hamadan province, West of Iran' *Iranian Journal of Parasitology*. (2020)

<https://pubmed.ncbi.nlm.nih.gov/32595717/>

33. Soosaraei M, **Haghi MM**, Etemadifar F, Fakhar M, Teshnizi SH, Asfaram S, Esboei BR. 'Status of *Anaplasma spp.* infection in domestic ruminants from Iran: A systematic review with meta-analysis' *Parasite Epidemiology and Control*. (2020)
<https://www.sciencedirect.com/science/article/pii/S2405673120300428>
34. Fallah M, Azimi A, **Motavalli Haghi SM**, Sarafraz N, Parsaei M, Hassanzadeh M, Alizadeh S, Shahnami A, Nayebi A. 'Seroprevalence of Hydatidosis in Referrers to Laboratories of Khoda Afarin Health Center in East Azarbaijan, Iran, within 2018 to 2019' *Avicenna Journal of Clinical Medicine*. (2020)
http://sjh.umsha.ac.ir/browse.php?a_id=1991&sid=1&slc_lang=en
35. **Motavallihaghi M**, Karami M, Rahmati K, Ameri P, Etemadifar F, Maghsood AH. 'Distribution of *Acanthamoeba* genotypes in Iran: a systematic review and meta-analysis' *South Asian Journal of Parasitology*. (2019)
<https://journalsajp.com/index.php/SAJP/article/view/30101>
36. Reza HA, Rreza G, Nastaran B, **Mousa M**. 'Renal hydatid cyst; a rare infectious disease. Oxford medical case reports' (2019)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6440275/>
37. **Motavalli M**, Khodadadi I, Fallah M, Maghsood AH. 'Effect of oxidative stress on vital indicators of *Acanthamoeba castellanii* (T4 genotype)' *Parasitology research*. (2018)
<https://link.springer.com/article/10.1007/s00436-018-5992-6>
38. Soosaraei M, **Haghi MM**, Etemadifar F, Fakhar M, Teshnizi SH, Hezarjaribi HZ, Asfaram S. 'Status of theileriosis among herbivores in Iran: A systematic review and meta-analysis' *Veterinary world*. (2018)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5891849/>
39. **Haghi MM**, Etemadifar F, Fakhar M, Teshnizi SH, Soosaraei M, Shokri A, Hajjhasani A, Mashhadi H. 'Status of babesiosis among domestic herbivores in Iran: A systematic review and meta-analysis' *Parasitology research*. (2017)
<https://pubmed.ncbi.nlm.nih.gov/28054180/>
40. Rahmati K, Maghsoud AH, Matini M, **Motevalli Haghi M**, Fallah N, Fallah M. 'Study of Intestinal Helminthes of Stray Dogs and Their Public Health Importance in Hamadan City' *Avicenna Journal of Clinical Medicine*. (2016)
http://sjh.umsha.ac.ir/browse.php?a_id=1273&sid=1&slc_lang=en
41. Mohebali M, Arzamani K, Zarei Z, Akhoundi B, Hajjaran H, Raeghi S, Heidari Z, **Motavalli-Haghi SM**, Elikae S, Mousazadeh-Mojarrad A, Kakoei Z. 'Canine visceral leishmaniasis in wild canines (fox, jackal, and wolf) in northeastern Iran using parasitological, serological, and molecular methods' *Journal of arthropod-borne diseases*. (2016)
<https://pubmed.ncbi.nlm.nih.gov/28032106/>

42. Motevalihaghi A, Nateghpour M, Mohebbali M, Azarian H, Sharifzadeh Y, Farivar L, Hajjarian H, **Motevalihaghi M**. 'Creating a reserve bank of *Plasmodium falciparum* and *Plasmodium vivax* isolates collected from malaria patients for use in studies on the genetic and biological features' Journal of School of Public Health and Institute of Public Health Research. (2015)
<http://journals.tums.ac.ir/sjsph//article-1-5294-en>
43. **MotevalliHaghi SM**, Fakhar M, Sharif M, Keyghobadi M. 'An overview on different diagnostic methods for babesiosis' Journal of Mazandaran University of Medical Sciences. (2014)
http://jmums.mazums.ac.ir/browse.php?a_id=3294&sid=1&slc_lang=en
44. **Motavalli HS**, Fakhar M, Sharif M, Paghe A, Sharbatkhori M, Tavakoli R, Gholami S. 'Molecular identification of ovine *Babesia spp.* in north of Iran. (2013)
<http://rmm.mazums.ac.ir/article-1-32-en.html>
45. **MotevalliHaghi SM**, Najm M, Fakhar M, Gholami S, MotevalliHaghi S. 'Prevalence of *Enterobius vermicularis* infection among kindergartens of Sari and Babol cities during 2011' Journal of Mazandaran University of Medical Sciences. (2013)
http://jmums.mazums.ac.ir/browse.php?a_id=2109&sid=1&slc_lang=en

Conference Papers

1. Alireza Sazmand, Georgiana Deak, Ali Kalantari-Hessari, Pouria Rafiei, Navid Etemadi, Hessam Hajilou, Mina Malekmohammadi, Leili Moradi, Monireh Khordadmehr, **Seyedmousa Motavallihaghi**, Ali Fattahi-Bafghi, Mariaelisa Carbonara, Stephanie Oren, Domenico Otranto, Visceral leishmaniosis in dogs from western Iran. 3rd national Congress of Animal Parasitic Diseases and Zoonoses (2025)
2. Nastaran Barati, **Seyedmousa Motavallihaghi**, In vitro and in vivo evaluation of nano dimedone against *Toxoplasma gondii* in an experimental model of acute toxoplasmosis, Oral presentation, 7th International Conference on Health, Crisis and Safety" in Tbilisi, Georgia, 2023
3. Nastaran Barati, **Seyedmousa Motavallihaghi**, Antitumor activity of *E. granulosus* cyst fluid on colon cancer cell line, Oral presentation, 7th International Conference on Health, Crisis and Safety" in Tbilisi, Georgia, 2023
4. Nastaran Barati, **Seyedmousa Motavallihaghi**, Inhibition of liver cancer cell line by hydatid cyst fluid, Oral presentation, 7th International Conference on Health, Crisis and Safety" in Tbilisi, Georgia, 2023

5. **Syedmousa Motavallihaghi**. Inhibition of growth of B16F10 Cancer Cell Line by B antigen of hydatid cyst. Mini-oral presentation 14th laboratory and clinical congress. Iran, **2023**
6. Mehran Bakhtiary, AmirHosein Maghsood, Mohammad Fallah, **Syedmousa Motavallihaghi**, Seyedjalaludin Bathaei, Azita Akhlagh, 'Determination of causative species of human cutaneous leishmaniasis using PCR in Hamadan province during 2017 and 2018', Poster Presentation, November 9-12, **2020**, 16th National Congress of Biochemistry & 7th International Congress of Biochemistry & Molecular Biology
7. **Mousa Motavallihaghi**, Hemen Moradisardareh, Younes Moradi, AmirHossein Maghsood, 'The Relationship of Maternal Chronic Toxoplasmosis with serum free Testosterone, Malnutrition, Height and Weight of Newborns', Mini-Oral Presentation, 16-18 Jan **2019**, 11th International Congress of Laboratory and Clinic
8. Mehran Bakhtiari, Alihsan Shahbazi, **Mousa Motavallihaghi**, Shirin Moradkhani, Mohammad Matini, Mohammad Fallah, 'Comparison of the effects of *Lendula angustifolia* and *Coronus* moss on protoscolecocytes of Hydatid cyst, in vitro', Poster Presentation, **2019** Oct 9, The 4th International & 11th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 11)
9. Reza HA, Rreza G, Nastaran B, **Syedmousa Motavallihaghi**, 'A huge misdiagnosed renal hydatid cyst: a rare case report', Mini-Oral Presentation, **2018-01-31**, (10th International Congress of Laboratory and Clinic)
10. **Motavallihaghi M**, Karami M, Rahmati Kh, Ameri P, Fallah M, Sero-Prevalence of human hydatidosis and Distribution of *Echinococcus granulosus* Genotypes in Human and Animals of Iran: A systematic review and meta-analysis', Poster Presentation, 3rd International & 10th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 10) Shiraz, Iran; 1-3 Nov **2017**
11. **Motavallihaghi M**, Karami M, Rahmati Kh, Ameri P, Maghsood AH, 'Prevalence and genotypes distribution of *Acanthamoeba* in Iran: A systematic review and meta-analysis', Poster Presentation, 3rd International & 10th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 10) Shiraz, Iran; 1-3 Nov **2017**
12. Masoud Soosaraei, **Mousa Motavalli Haghi**, Fariborz Etemadifar, Mahdi Fakhari, Saeed Hosseini Teshnizi, Shabnam Asfaram, 'Present situation of theileriosis among herbivores in Iran: a systematic review and meta-analysis', Poster Presentation, 3rd International & 10th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 10) Shiraz, Iran; 1-3 Nov **2017**

13. **Seyedmousa Motavallihaghi**, Mahdi fakhar, Abdolsatar paghe, Mitra Sharbatkhor, Shirzad Gholami, Mohammad Reza Yussefi, 'Molecular detection of bovine *Babesia spp* and *Theileria spp* in North of Iran' Proceedings of 2nd International & 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9) Guilan, Iran; 20-22 May **2015**
14. **Seyedmousa Motavallihaghi**, Mahdi fakhar, Abdolsatar paghe, Mitra Sharbatkhor, Shirzad gholami, '*Theileria lestoquardi* as a main causative agent of ovine Theileriosis in North of Iran', Poster Presentation, Proceedings of 2nd International & 9th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA 9) Guilan, Iran; 20-22 May **2015**
15. **Seyedmousa Motavallihaghi**, Mahdi Sharif, Mahdi Fakhar, Masoud Keyghobadi, 'An Overview on Different Diagnostic Methods for Babesiosis', Poster Presentation, **2014** March, 12, The 5th Annual Student Research Congress of Mazandaran university of medical sciences (5th ASRC Congress)
16. **Seyedmousa Motavallihaghi**, 'Epidemiology of malaria in Iran and the world', Poster Presentation, **2014** May, 31, Congress of Antimicrobial Resistant Infectious Diseases
17. **Seyedmousa Motavallihaghi** 'Molecular identification of ovine *Babesia spp.* in north of Iran', Poster Presentation, **2013** Mar, 4, the 4th Annual Student Research Congress of Mazandaran university of medical sciences (4th ASRC Congress)
18. **Seyedmousa Motavallihaghi**, 'Prevalence of *Enterobius vermicularis* Infection among Kindergartens in Mazandaran Province', Oral Presentation, 24th Iranian Conference on Infectious Diseases and Tropical Medicine, **2013**

Book

1. Genetic diversity of *Echinococcus granulosus*
2. Diagnostic methods in Medical Parasitology
3. Step by step guide to registering a patent

Preprint

1. Book translating, parasitology section "Manual of clinical microbiology 2019"
2. Book translating, Molecular Systematics of Parasitic Helminths

HONORS AND AWARDS

1. Top Student in Master of Science (2011-2013)
2. Top Ph.D. Student of Medical Parasitology in (2014-2015), (2015-2016) and (2015-2017)
3. Cooperation in the project of ‘creating a biological and genetic storage bank of different isolates of Plasmodium falciparum and Vivax’ in the Faculty of Health, Tehran University of Medical Sciences, 2014 May 21
4. Membership in the Arbitration Council of Congress in 13th National Conference on Medical Education
5. Cooperation in the ‘study of visceral leishmaniasis in wild animals (fox, jackal and wolf) caught from North Khorasan province using parasitology, serology and molecular methods’ in the School of Health, Tehran University of Medical Sciences, 2014 Nov 8
6. Cooperation in holding a PhD interview exam’ at Hamadan University of Medical Sciences and Health Services, 2016 Aug 31

WORKSHOPS AND CERTIFICATIONS

1. Certificate of passing the ‘**Quality Control Course**’ of the clinical laboratory by the Vice Chancellor of Hamadan University of Medical Sciences, 2019 Jan 3, Hamadan, Iran
2. Certificate of participation in ‘**Probit Regression Analysis Workshop**’, at Hamadan University of Medical Sciences, 2019 Jan 10, Hamadan, Iran
3. Certificate of ‘**Teaching in Quality Control Training**’ in Medical Laboratory, 2017 Apr 4,
4. Certificate of passing the skill course of ‘**Teaching Methods and Techniques**’ in a workshop for 18 hours in Hamadan University of Medical Sciences, 2016 Feb 3, Hamadan, Iran
5. Certificate of participation in ‘**Writing Systematic Review Articles Workshop**’ at Hamadan University of Medical Sciences, 2016 May 31, Hamadan, Iran
6. Certificate of ‘**Teaching in Practical Training of Malaria Microscopy Diagnosis Retraining**’ Course, 2014 Nov 8, Tehran, Iran
7. Certificate of participation in the ‘**PCR Training Workshop**’ at Mazandaran University of Medical Sciences, 2014 Mar 11, Mazandaran, Iran
8. Certificate of participation in ‘**Cloning Workshop**’ in Mazandaran University of Medical Sciences, Mazandaran, Iran
9. Certificate of participation in ‘**DNA Sequencing Workshop**’ in Mazandaran University of Medical Sciences, Mazandaran, Iran

10. Certificates of participation in ‘**EndNote Software Workshop**’ in Hamadan University of Medical Sciences, 2013 Mar 12 & 2015 Des 13, Hamadan, Iran
11. Certificate of passing the 70-hour ‘**Malaria Microscopy Retraining Course**’ at Tehran University of Medical Sciences and Health Services, 2007 Feb 3-9, Tehran, Iran

ACADEMIC EXPERIENCES

❖ **Patents and Innovations:**

- ✓ Slides and colored slides for mounting and detecting parasites
 - ✓ Drug carrier of fluconazole and benzofuran to treat candidiasis
 - ✓ Holder for laboratory smear preparation
 - ✓ Three-channel syringe for multi-drug injections
 - ✓ Dark sampler head for light-sensitive tests
 - ✓ Supplement for rapid cultivation of Acanthamoeba
 - ✓ Stool exam fixative slide
 - ✓ Temperature tank and nanoparticle filtering of the sonicator device
 - ✓ Lipid nanoparticle labeled with amphotrypsin B and glucantim
 - ✓ Sperm sample transfer container using micromachining technology
 - ✓ Cutaneous leishmaniasis laboratory diagnostic kit with lidless microtubes
 - ✓ Peeling blade from the surface of the eye to detect the Acanthamoeba parasite
 - ✓ Kit for identification of the genus and species of ground mosquito

 - ✓ As an article reviewer in Frontiers Journal, Annals of Medicine and Surgery journal and PLOS microbiology journal
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