

Curriculum Vitae

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EDUCATION

PhD, Medical Parasitology, Dept of Parasitology, School of Medicine, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, IRAN, 2016.

MSc, Medical Parasitology, Dept of Parasitology, School of Medicine, Kerman University of Medical Sciences (KMU), Kerman, Iran, 2008.

B.Sc., Laboratory Sciences and Medical Entomology, School of Aborihan, Tehran University of Medical Sciences, Tehran, IRAN, 2004.

PROFESSIONAL EXPERIENCE

2022-present: Assistant Professor, Dept. of Parasitology & Mycology, Urmia University of Medical Sciences, Urmia, IRAN

2020: Managing Director, Molecular laboratory of Maragheh University of Medical Sciences, Maragheh, IRAN.

2019: Managing Director, Education and Research Maragheh University of Medical Sciences, Maragheh, IRAN.

2016-present: Assistant Professor, Dept. of Laboratory Sciences, Maragheh University of Medical Sciences, Maragheh, IRAN.

2011-2012: Managing Director of NKUMS Research Affairs, NKUMS, Bojnourd, Iran.

2011-2013: co Editor-in-Chief, Journal of zoonosis, North Khorasan University of Medical Sciences (NKUMS), Bojnurd, IRAN.

2010-2015: Academic Member: Academic Member, Zoonosis Research Center, NKUMS, Bojnourd, Iran.

2010-2015: Academic Member, Dept of Pathobiology, North Khorasan University of Medical Sciences (NKUMS), Bojnurd, IRAN.

PROFESSIONAL SOCIETY MEMBERSHIP

- Iranian Society of Parasitology, 2005
- EUROPEAN FEDERATION OF PARASITOLOGISTS, 2006
- Iranian Scientific Society of Medical Entomology, 2004

RESEARCH INTERESTS

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Fasciola, Echinococcosis and hydatid disease

Molecular epidemiology, Biology and development, Data registry, Transmission and Control, Diagnosis and management

Molecular Epidemiology of Parasitic Infections

(Parasitic zoonoses e.g. Fascioliasis, Taeniasis, Toxocariasis, Cryptosporidiosis, Lophomoniasis, Malaria, Giardiasis, Toxoplasmosis, etc.).

Systematics of parasitic organisms and snails of medical and veterinary importance

SCIENTIFIC PUBLICATIONS**Books**

- Medical Helminthology, Saber Reaghi, MRGU Press, Tehran University of Medical Sciences, Maragheh, 2020.

Research articles

- Hamzavi Y, Khodayari MT, Davari A, Shiee MR, Karamati SA, **Raeghi S**, Jabarmanesh H, Bashiri H, Bozorgomid A. A systematic review and meta-analysis on prevalence of gastrointestinal helminthic infections in rodents of Iran, with rely on zoonotic aspects. *Heliyon*. 2024 May 25.
- Galavani H, Haniloo A, **Raeghi S**, Ghatee MA, Karamian M. Bioclimatic analysis and spatial distribution of fascioliasis causative agents by assessment of Lymnaeidae snails in northwestern provinces of Iran. *Parasites & Vectors*. 2024 May 31;17(1):244.
- Abdolahnejad A, Zoroufchi Benis K, Mohammadi F, Gholami M, **Raeghi S**, Rostami R, Ranjbar D, Behnami A. Risk assessment of airborne coronavirus-2 in wastewater treatment plant: comparing two different wastewater aeration systems. *International Journal of Environmental Science and Technology*. 2024 May 26:1-2.
- Sharbatkhori M, Nasibi S, Mohammadi MA, Aryaeipour M, **Raeghi S**, Fasihi Harandi M. Morphological and molecular characterization of Fasciola isolates from livestock in Golestan province, northern Iran. *Veterinary Medicine and Science*. 2023 Jul;9(4):1824-32.
- Nasibi S, Mojarrab S, Lashkarizadeh MR, Shafiei M, Dezaki ES, Mahmoudvand H, Alizadeh A, Mohammadzadeh A, **Raeghi S**, Sadati SJ, Mirbadie SR, Keighobadi M. Iranian Hydatid Disease Registry: Establishment and Implementation of a Neglected Tropical Disease Registry. *Archives of Iranian medicine*. 2023 Jul;26(7):358.
- Shilanabadi KF, Derakhshan FK, **Raeghi S**. Genotype Distribution of Enterobius vermicularis Isolates from Northwest Provinces of Iran. *Ethiopian Journal of Health Sciences*. 2023 May 1;33(3).
- Shafiei R, Jafarzadeh F, Bozorgomid A, Ichikawa-Seki M, Mirahmadi H, **Raeghi S**. Molecular and phylogenetic analysis of E. vermicularis in appendectomy specimens from Iran. *Infection, Genetics and Evolution*. 2023 Jan 1;107:105391.
- Nazari N, Rokni MB, Ichikawa-Seki M, **Raeghi S**, Hajjaran H, Falahi S, Hamzavi Y, Heydarian P, Davari A, Ghadiri K, Bozorgomid A. Assessment of genetic markers for multilocus sequence typing (MLST) of Fasciola isolates from Iran. *Veterinary medicine and science*. 2023 Mar;9(2):924-33.
- Nazari N, Khodayari MT, Hamzavi Y, **Raeghi S**, Karamati SA, Falahi S, Bozorgomid A, Sajedi MT. Systematic review and meta-analysis of role of felids as intermediate hosts in the life cycle of neospora caninum based on serological data. *Acta parasitologica*. 2023 Mar;68(1):266-76.
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- Mohammadi A, Soleimani A, Abdolahnejad A, Ahmed M, Akther T, Nemati-Mansour S, **Raeghi S**, Rashedi GH, Miri M. SARS-CoV-2 detection in hospital indoor environments, NW Iran. *Atmospheric pollution research*. 2022 Aug 1;13(8):101511.
- Dabirzadeh M, Yusefnia H, Azizi H, **Raeghi S**, Mirahmadi H. Comparison of nested PCR and ELISA techniques in diagnosis of toxoplasmosis infection in thalassemia patients by targeting the RE gene. *Annals of Parasitology*. 2022 Jan 1;68(3):447-52.
- Abdolahnejad A, Pourakbar M, **Raeghi S**, Mohammadi A, Ranjbar B, Behnami A. Experimental Protocol for Detecting SARS-CoV-2 in Screenings and Grit Samples of Wastewater Treatment Plants. *Journal of Environmental Health and Sustainable Development*. 2022 Sep 20.
- M Pourakbar , Ali Abdolahnejad , **Saber Raeghi** , Farhad Ghayourdoost , Roghayeh Yousefi , Ali Behnami . Comprehensive investigation of SARS-CoV-2 fate in wastewater and finding the virus transfer and destruction route through conventional activated sludge and sequencing batch reactor .*Science of the Total Environment*(2022) 806,151391.
- Aminallah Saadatnia, Kavous Solhjoo, Mohamad Hasan Davami, Saber Raeghi, Ahmad Abolghazi, "Molecular Identification of Fasciola Isolated from the Liver of Meat Animals in Fars Province, Iran", *Journal of Parasitology Research*, vol. 2022, Article ID 4291230, 5 pages, 2022. <https://doi.org/10.1155/2022/4291230>.
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- Rouhani SOHEILA, Bozorgomid AREZOO, Hossein GALAVANI, **Raeghi SABER**, Comments on "Genetic characterization and phylogenetic analysis of Fasciola species based on ITS2 gene sequence, with first molecular evidence of intermediate Fasciola from water buffaloes in Aswan, Egypt" Letters. *Annals of Parasitology* (2021): 351-352. doi: 10.17420/ap6702.350.
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- Rokni, Mohammad Bagher, Homayoon Bashiri, **Saber Raeghi**, Aref Teimouri, Vahid Shojaeimotlagh, Mohammad Reza Shiee, and Arezoo Bozorgomid. "Molecular phylogenetic and genetic variability of Fasciola gigantica in Kermanshah province, western Iran with an overview to understand haplotypes distribution in Asia and Africa." In *Veterinary Research Forum*, vol. 11, no. 3, p. 265. Faculty of Veterinary Medicine, Urmia University, Urmia, Iran, 2020.
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- Rouhani S, **Raeghi S**, Mirahmadi H, Harandi MF, Haghghi A, Spotin A. Identification of Fasciola spp. in the east of Iran, based on the spermatogenesis and nuclear ribosomal DNA (ITS1) and mitochondrial (ND1) genes. Archives of Clinical Infectious Diseases. 2017;12(2).
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- **Raeghi S**, Haghghi A, Harandi MF, Spotin A, Arzamani K, Rouhani S. Molecular characterization of Fasciola hepatica and phylogenetic analysis based on mitochondrial (nicotiamide adenine dinucleotide dehydrogenase subunit I and cytochrome oxidase subunit I) genes from the North-East of Iran. Veterinary world. 2016;9(9):1034.
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- Arzamani K, **Rouhani S**, Mousazadeh-Mojarrad A, Sedeghi S, Rostami M, Raeghi S. Identification of zoonotic parasites isolated from Stray Dogs in Bojnurd County located in North-East of Iran. Novelty in Biomedicine. 2016;4(4):185-8.
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- **Raeghi S**, Sedeghi S, Sedeghi S. Prevalence of Toxoplasma gondii antibodies in cats in Urmia, northwest of Iran. Journal of Animal and Plant Science. 2011;21:132-4.
- **Raeghi S**, Akaberi A, Sedeghi S. Seroprevalence of Toxoplasma gondii in sheep, cattle and horses in Urmia North-West of Iran. Iranian journal of parasitology. 2011;6(4):90.
- **Raeghi S**, Latifpour M, ZIA AN, SADIGHI S. Using human umbilical cord matrix cells (HUCM) for culturing Toxoplasma gondii for serological and molecular assays. 2007.

Abstracts presented in Scientific Meetings

- **Saber Raeghi**, Phylo-molecular analysis of *E. vermicularis* in appendectomy specimens from Iran, 5th international & 12th National congress of Parasitology and parasitic diseases of Iran, Alborz university of medical sciences, Karaj, Iran. May 21-23, 2024 (Oral).
- **Saber Raeghi**, Seroepidemiological and Molecular Study of Canine Visceral Leishmaniasis in Maragheh, Northwest, 2nd International Congress of Vector-Borne Diseases & Climate Change, 4th National Congress of Medical Entomology. 2019 (Poster)
- **Saber Raeghi**, Genetic diversity and distribution of Fasciola hepatica haplotypes in Iran: Molecular and phylogenetic studies. The 11th National and the 4th International Congress of Parasitology and Parasitic Diseases will be held at Urmia University of Medical Sciences, Urmia, Iran. 2019 (Oral)

- **Saber Raeghi**, Identification of Fasciola sp. from East of Iran based on their spermatogenesis and nuclear ribosomal DNA (ITS1) and mitochondrial (ND1) genes. The 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA10) Shiraz. 2017. (Oral)
- **Saber Raeghi**, Spermatogenesis and phylogenetic study of Fasciola species isolated from bovine natural host in northwestern Iran. 20th National & 8th International Congress of Biology, University of Maragheh, Iran. 2018 (Poster)
- **Saber Raeghi**, Determination of Serotype and Pattern of Drug Resistance to Salmonella in Laying Poultry in South East Azerbaijan Province, 5th **Congress** of Medical Bacteriology, Maragheh, Iran. 2018 (poster).
- **Saber Raeghi**, Use of Co2 Critical Point in Extract of Herbal Extracts in Treatment of Leishmania. 8th National Symposium and 1st International Congress of Parasitology and Parasitic Diseases in Iran (NICOPA 8) .2012. (poster)
- **Saber Raeghi**, Evaluation of cTnl level in dogs infected with Dirofilaria immitis 8th National Symposium and 1st International Congress of Parasitology and Parasitic Diseases in Iran (NICOPA 8) .2012. (poster)
- **Saber Raeghi**, Prevalence of Toxoplasma gondii antibody in cats in Urmia, Iran. Second Regional Conference on Parasitology and Parasitic Diseases Teharn. 2010. (poster)
- **Saber Raeghi**, Serum prevalence of Toxoplasma gondii in sheep, cattle and horses in northwestern Iran, Urmia. Second Regional Conference on Parasitology and Parasitic Diseases Teharn. 2010. (poster)
- **Raeghi, S.**, Fasihi Harandi, M., Zia-Ali, N., Fotouhi Ardakani, R., Six-year hospital cases of Hydatid disease in Kerman: demographical and blood parameters of patients. Armaghan Danesh, 2007, 12, Supplement 1, 42. Proceedings of fourth National Congress of Hydatid Cyst, 9-10 May 2007, Yasuj, Iran (poster)
- **Saber Raeghi**, Use of HUCM (Human Cord Matrix Cells) to Reproduce Toxoplasma Gondii Parasite for Serological and Molecular Analysis (PCR). The Sixth National and the First Regional Congress on Parasitology and Parasitic Diseases, Karaj 2008. (poster)
- **Saber Raeghi**, Isolation of Toxoplasma gondii parasite from Kerman local hens and confirmation of its existence using B1 gene by PCR. The Sixth National and the First Regional Congress on Parasitology and Parasitic Diseases, Karaj 2008. (poster)
- **Saber Raeghi**, Prevalence of Toxoplasma gondii antibody in local poultry in Kerman by MAT method, The Sixth National and the First Regional Congress on Parasitology and Parasitic Diseases, Karaj 2008. (poster)
- **Saber Raeghi**. Isolates and their distribution in liver and lung in Hospitals of MUI. Armaghan Danesh, 2007, 12, Supplement 1, 15. Proceedings of fourth National Congress of Hydatid Cyst, 9-10 May 2007, Yasuj, Iran.

RESEARCH FUNDING

- **Urmia University of Medical Sciences**, Vice-chancellor for Research, Urmia, Iran.

DEMOGRAPHIC DATA

- **First Name:** Saber
- **Surname:** Raeghi
- **Birth date:** Dec.1981
- **Marital status:** Married

References

Prof: Dr. Iraj Sharifi
 Prof: Dr. Majid Fasihi Harandi
 Prof: Dr. Sohila Rouhani
 Prof: Dr. Ali Haghighi