

Curriculum Vitae



Maryam Ebrahimi, PhD

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Tehran, Iran

1- Personal Data

- **First name:** Maryam
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- **Nationality:** Iranian
- **Date of birth:** 18 July 1984
- **Marital status:** Married
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 - **Google scholar link:**
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2- Educational information

- **Assistant professor** (from oct 2024):
 Department of Parasitology & Mycology, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **PhD of Medical Parasitology** (2013-2020):
 Department of Parasitology & Mycology, School of medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran
 - ✓ **PhD dissertation:** Design and preparation of a recombinant multiepitope peptide from *Toxocara canis* for detection of toxocariasis
- **MSc degree in Medical Mycology** (2009-2013).
 Department of Parasitology & Mycology, School of medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran
 - ✓ **MSc dissertation:** Study of *Toxocara* larvae in the intestines of hunted quails

3- Papers

1. **Maryam Ebrahimi** , Seyed Mahmoud Sadjjadi , Farid Tahvildar Bidroni , Amirreza Javadi Mamaghani , Tahereh Mohammadzadeh , Zahra Heydarifard, Seyyed Javad Seyyed Tabaei*. Developing a serological test for the diagnosis of toxocarasis using a novel recombinant multi-epitope. Published in Microbial Pathogenesis• 2025. **IF=3.3**
2. **Maryam Ebrahimi**, Seyyed Javad Seyyedtabaei*, Mohammad Mehdi Ranjbar, Farid Tahvildar, Amir Javadi. Designing and modeling of Multi-epitope proteins for diagnosis of Toxocara canis infection. Published in International Journal of Peptide Research and Therapeutics• July 2019. **IF=1.2**
3. **Maryam Ebrahimi**, Ali Rostami, Soheila Rouhani, Iraj mobedi, Hoshang Khazan. Prevalence and Morphological Characterization of Cheilosporira hamulosa, Diesing, 1861 (Nematoda: Acuarioidea), from Partridges in Iran. Published in Journal of Parasitology Research. 2015, Article ID 569340, 6 pages. **IF=1.8**
4. **Ebrahimi M**, Niyyati M*, Haghighi A, Haydari S. Isolation and genotyping of Acanthamoeba spp. from recreational soil of parks in Tehran, Iran. Published in Armaghane-danesh, Yasuj University. 2013
5. **Ebrahimi M**, Soheila Rouhani, Hooshang Khazan, Eraj Mobedi. Survey of Toxocara larva in hunted partridges' viscera, Irafrom Partridges in Iran. Published in Research in Medicine, Shahid Beheshti University of Medical Sciences. 2013.
6. Ali Rostami, **M. Ebrahimi***, S. Mehravar, V. Fallah Omrani, S. Fallahi, H. Behniafar. Contamination of commonly consumed raw vegetables with soil transmitted helminthes eggs in Mazandaran province, northern Iran. Int J Food Microbiol. 2016:225; 54-58. **IF=3.6**
7. Holland CV, Afra ZG, Valizadeh S, **Ebrahimi M**, Rostami A. The global prevalence of Toxocara canis among red foxes (Vulpes vulpes): A systematic review and meta-analysis. International Journal for Parasitology: Parasites and Wildlife. 2024:100984. **IF=3.7**
8. Rostami A, Sepidarkish M, Ma G, Wang T, **Ebrahimi M**, Fakhri Y, et al. Global prevalence of Toxocara infection in cats. Advances in parasitology. 2020;109:615.

9. Rouhani S, Ebrahimi M, Ali Rostami, Fllahi S. Effective, appropriate and simple culture, eggs-hatching and cryopreserving of *Cheilospirura hamulosa*. *British Poultry Science*. 2014; 55:846-849. **IF=0.8**
10. Homayouni MM, Ali Rostami*, Gholizadeh H, Mehbod ASA., **Ebrahimi M**, Mehravar S. Comparison of three cost effective staining methods for detection of *Pneumocystis jirovecii*. *J Parasit Dis*. 2017; 41(1):298–301.

4-Poster presentation

1. The first report of the parasite *Chilospiroa hamulosa* from Taleghan region - Alborz province. Third International Congress on Poultry Diseases. Faculty of Veterinary Medicine, University of Tehran. 2011.
2. Investigation of infection with the parasite *Tina raeh* in quails in Taleghan region - Alborz province. Third International Congress of Poultry Diseases. Faculty of Veterinary Medicine, University of Tehran. 2011.
3. Investigation of *Toxoplasma gondii* infection in rabbits in Taleghan region. First International Congress of Parasitology. Kerman Faculty of Medical Sciences. 2011.
4. Isolation of *Toxocara* larvae from the intestines of hunted quail. First International Congress of Parasitology. Kerman Faculty of Medical Sciences. 2011.
5. Determination of *Acanthamoeba* genotypes isolated from the soil of recreational parks in Tehran, Iran. First International Congress of Parasitology. Kerman Faculty of Medical Sciences. 2011.

5. Practical Skills -Medical Parasitology:

- Egg culture of the parasites
- Staining of the parasites
- Measurement and drawing of the parasites using a Camera Lucida

- Parasitological methods for parasites diagnosis
- Preparation of parasitic slides
- Preparation of tissue sections from parasitic worms
- Animal experimentation with mouse i.g. BALB/c
- Designing and Modeling of Multi-epitope Proteins
- Tissue digestion
- PCR methods
- DNA isolation
- Bradford assay
- Cloning
- DAT
- IFA
- SDS page
- Western blot
- ELISA (KIT Design)
- Enzyme digestion
- Protein Purification
- Protozoan cultures

6- Honors, Prizes and Awards

- ✓ Obtaining first place and receiving the title of "Excellent Student" in the undergraduate program from the Office of Brilliant Talents at Arak University.
- ✓ Obtaining a score of 20 for the master's thesis entitled "Identification of Toxocara larvae in the intestines of hunted quail."
- ✓ Preparing an educational video (intestinal parasites) to present to the Parasitology Society