



Biography

Curriculum Vitae

Dr. Zahra Heidari

Education: Ph.D. in Medical Parasitology

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Personal

- Date of birth: 1983
- Place of birth: Shahrekord
- Sex: Female
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- Status: Married

Education

Ph.D.: 2012-2016: Tehran University of Medical Sciences, School of Public Health, Tehran, Iran. **Medical Parasitology.**

M.Sc.: 2008-2011: Tehran University of Medical Sciences, School of Public Health, Tehran, Iran. **Medical Parasitology.**

B.Sc.: 2003-2005: Department of Veterinary, Faculty of Veterinary, University of Urmia, Urmia, Iran. **Veterinary Laboratory Science.**

Publications

- 1) **Heidari Z**, Mohebali M, Zarei Z, Aryayipour M, Eshraghian MR, Kia EB, Shodajei S, Abdi J, Rakhshanpour A, Rokni MB. Seroepidemiological study of human hydatidosis in Meshkinshahr district, Ardabil province, Iran. *Iranian journal of parasitology*. 2011 Aug;6(3):19.
- 2) Rakhshanpour A, Harandi MF, Moazezi SS, Rahimi MT, Mohebali M, Mowlavi G, Babaei Z, Ariaeipour M, **Heidari Z**, Rokni MB. Seroprevalence of human hydatidosis using ELISA method in Qom Province, central Iran. *Iranian Journal of Parasitology*. 2012;7(3):10.
- 3) Mikaeili F, Kia EB, Sharbatkhori M, Sharifdini M, Jalalizand N, **Heidari Z**, Zarei Z, Stensvold CR, Mirhendi H. Comparison of six simple methods for extracting ribosomal and mitochondrial DNA from *Toxocara* and *Toxascaris* nematodes. *Experimental parasitology*. 2013 Jun 1;134(2):155-9.
- 4) Asadian S, Mohebali M, Moudi M, EshratBeigom KI, **Heidari Z**, Asgari M, Aryaeipour M, SepidehMO RA, Rokni MB. Seroprevalence of human fascioliasis in Meshkin-Shahr district, Ardabil Province, northwestern Iran in 2012. *Iranian Journal of Parasitology*. 2013 Oct;8(4):516.
- 5) Mowlavi G, Makki M, **Heidari Z**, Rezaeian M, Mohebali M, Araujo A, Boenke N, Abolfazl AA, Stollner T, Mobedi I. *Macracanthorhynchus hirudinaceus* eggs in canine coprolite from the Sasanian Era in Iran (4th/5th Century CE). *Iranian Journal of Parasitology*. 2015 Apr;10(2):245.
- 6) Aryaeipour M, Kia EB, **Heidari Z**, Talaie ZS, Rokni MB. Serological study of human fasciolosis in patients referring to the school of public health, Tehran University of Medical Sciences, Tehran, Iran during 2008–2014. *Iranian Journal of Parasitology*. 2015 Oct;10(4):517.
- 7) **Heidari Z**, Kia EB, Arzamani K, Sharifdini M, Mobedi I, Zarei Z, Kamranrashani B. Morphological and molecular identification of *Dirofilaria immitis* from Jackal (*Canis aureus*) in North Khorasan, northeast Iran. *Journal of Vector Borne Diseases*. 2015 Dec 1;52(4):329.
- 8) Zarei Z, Mohebali M, **Heidari Z**, Davoodi J, Shabestari A, Haghi AM, Khanaliha K, Kia EB. Helminth infections of *Meriones persicus* (Persian Jird), *Mus musculus* (House Mice) and *Cricetulus migratorius* (Grey Hamster): a cross-sectional study in Meshkin-Shahr district, northwest Iran. *Iranian Journal of Parasitology*. 2016 Apr;11(2):213.
- 9) Zarei Z, Kia EB, **Heidari Z**, Mikaeili F, Mohebali M, Sharifdini M. Age and sex distribution of *Dirofilaria immitis* among dogs in Meshkin-Shahr, northwest Iran and molecular analysis of the isolates based on COX1 gene. In *Veterinary research forum* 2016 (Vol. 7, No. 4, p. 329). Faculty of Veterinary Medicine, Urmia University, Urmia, Iran.
- 10) Mohebali M, Arzamani K, Zarei Z, Akhoundi B, Hajjarian 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 Dec;10(4):538.

11) Zarei Z, Mohebalı M, **Heidari Z**, Kia EB, Azarm A, Bakhshi H, Davoodi J, Hassanpour H, Roohnavaz M, Khodabakhsh M, Telmadarraiy Z. Wild rodent ectoparasites collected from Northwestern Iran. *Journal of Arthropod-Borne Diseases*. 2017 Mar;11(1):36.

12) Sharifdini M, Heidari Z, **Hesari Z**, Vatandoost S, Kia EB. Molecular phylogenetics of *Trichostrongylus* species (Nematoda: Trichostrongylidae) from humans of Mazandaran province, Iran. *The Korean Journal of Parasitology*. 2017 Jun;55(3):279.

13) Zarei Z, Mohebalı M, Khanaliha K, Kia EB, Haghi AM, **Heidari Z**, Rezaeian T, Rezaeian M. Detection of pseudocyst forms of *Trichomonas muris* in rodents from Iran. *Iranian Journal of Public Health*. 2018 May;47(5):729.

14) Kia EB, Sharbatkhorı M, **Heidari Z**, Tohidi F, Rashani BK, Zahabiun F. First molecular report of *Hydatigera krepkogorski* (Schulz and Landa, 1934) in abdominal cavity of gerbil (*Rhombomys opimus*) in Iran. In *Veterinary Research Forum 2018* (Vol. 9, No. 4, p. 367). Faculty of Veterinary Medicine, Urmia University, Urmia, Iran.

15) **Heidari Z**, Sharbatkhorı M, Mobedi I, Mirhendi SH, Nikmanesh B, Sharifdini M, Mohebalı M, Zarei Z, Arzamani K, Kia EB. *Echinococcus multilocularis* and *Echinococcus granulosus* in canines in North-Khorasan Province, northeastern Iran, identified using morphology and genetic characterization of mitochondrial DNA. *Parasites & vectors*. 2019 Dec;12(1):1-3.

16) Ashrafi K, Sharifdini M, **Heidari Z**, Rahmati B, Kia EB. Zoonotic transmission of *Teladorsagia circumcincta* and *Trichostrongylus* species in Guilan province, northern Iran: molecular and morphological characterizations. *BMC Infectious Diseases*. 2020 Dec;20(1):1-9.

17) Meigouni M, Makki M, Haniloo A, Askari Z, Mobedi I, Naddaf SR, Boenke N, Stollner T, Abolfazl AA, **Heidari Z**, Mowlavi G. Herbivores coprolites from Chehrabad salt mine of Zanzan, Iran (Sassanid Era, 224-651 AD) reveals eggs of Strongylidae and Anoplocephalidae helminths. *Iranian Journal of Parasitology*. 2020 Mar 10;15(1):109-14.

18) Mokhtarian K, Falak R, **Heidari Z**. Evaluation of gelatinolytic and collagenolytic activity of *fasciola hepatica* recombinant cathepsin-11. *Iranian Journal of Biotechnology*. 2020 Jan;18(1):e2357.

19) **Heidari Z**, Mohammadi-Ghalehbin B, Alizadeh Z, Molaei S, Dogaheh HP, Mirzanejad-Asl H. Seroprevalence of Human Hydatidosis in Ardabil Province, North-West of Iran. *Iranian Journal of Parasitology*. 2021 Oct;16(4):593.

20) Tabatabaie F, Nasirikaleybar Y, Mohebalı M, Solgi R, Babaei V, **Heidari Z**, Orujzadeh F, Zarei Z. Serological and molecular survey of zoonotic visceral leishmaniasis in stray dogs (*Canis familiaris*) from an endemic focus in Meshkin-

Shahr district in Ardabil province, Iran. *Journal of Vector Borne Diseases*. 2021 Jul 1;58(3):213.

21) Mohebbali M, Hassanpour G, Zainali M, Gouya MM, Khayatzadeh S, Parsaei M, Sarafraz N, Hassanzadeh M, Azarm A, Salehi-Vaziri M, Sasani F, **Zahra Heidari**, Zahra Ahmadi, Ahmineh Jalali, Mohammad Hassan Pouriayevali, Zabihollah Shoja, Marzieh Sadjadi, Mahsa Tavakoli, Sanam Azad-Manjiri, Chiman Karami, Zabihollah Zarei*. SARS-CoV-2 in domestic cats (*Felis catus*) in the northwest of Iran: Evidence for SARS-CoV-2 circulating between human and cats. *Virus Research*. 2022 Mar 1;310:198673.

22) **Zahra Heidari***, Zahra Alizadeh Hamid Afzoun Khyavi, Soheila Molaie, Abdollah Mahdavi, Behnam Mohammadi-Ghalehbin. Seroprevalence of Human Toxocariasis in Children (5–15-Year Old) Using ELISA Method in Ardabil District, North-West of Iran. *Iran J Parasitol*: Vol. 17, No. 1, Jan-Mar 2022, pp.10-17.

23) Molaie S, Zandian H, Molaie A, Zahirian T, Mohebbali M, Zareie Z, Nakhostin B, Emdadi D, Akhoundi B, Modares-Sadrani SN, Abdollahzadeh H, Zahra Rakhshidan, Ezati Ezati, **Zahra Heidari**. Visceral Leishmaniasis in Ardabil Province, Northwest of Iran: A Retrospective Epidemiological, Clinical and Paraclinical Study. *Iran J Public Health*. 2022 Aug;51(8):1875-85.

24) Wu TK, **Heidari Z**, Makki MS, Yazdi B, Aali A, Stöllner T, Boenke N, Bowman DD, Mowlavi G. First paleoparasitological evidence of *Muellerius* sp. in sheep or goat dated to the Sasanian Empire (500 CE) in ancient Iran. *Veterinary Parasitology: Regional Studies and Reports*. 2022 Sep 1;34:100758.

25) Peyman Heydarian, Eshrat Beigom Kia, **Zahra Heidari**, Meysam Sharifdini, Zabihollah Zarei & Farzaneh Zahabiun. Molecular characterization of *Mesocestoides litteratus* (Cestoda: Cyclophyllidae: Mesocestoididae) tetrathyridium isolated from two species of rodents from Iran. *Acta Parasitologica* 2023;(68):223–230.

26) Sahar Sadegi Hariri, **Zahra Heidari**, Shahram Habibzadeh, and Samira Shahbazzadegan. Seroprevalence of Toxoplasmosis infection among pregnant women of Ardabil –Iran 2021-2022. *Iran J Parasitol*. 2023; 18(1): 93–99.

27) Monireh Falsafi, Nowruz Delirezh, Elham Safarzadeh, Alireza Talebi, **Zahra Heidari**. Irradiated oocysts in combination with inulin adjuvant-induced potent immune responses against *Eimeria tenella* infection in broiler chickens. *Veterinary Research Forum*. 2023.

28) Zabih Zarei, Behnam Mohammadi Ghalehbin, Behnaz Akhoundi, Mehdi Mohebbali, **Zahra Heidari***. Genotyping of *Echinococcus granulosus* isolated from canine in Northwest Iran. *Journal of Parasitic Diseases*. 2023.

29) Hasan Edalatkhah, Behrang Izadi, Maryam Nazari, Rahmat Solgi, Saeideh Amani Ghayum, Behnam Mohammadi-Ghalehbin, Eslam Moradi-Asl, Shabnam Asfaram, Peyman Azghani, **Zahra Heidari***. *Demodex folliculorum* (Trombidiformes: Demodecidae) infestation in medical students with facial dermatoses and healthy groups. *Journal of Medical Entomology*, 61(4), 2024, 1031–1034.

30) Pooria Asadi, Zabihollah Zarei, Mehdi Mohebali, Zahra Alizadeh, Faezeh Najafi, Shahrokh Izadi*, **Zahra Heidari***. Intestinal Parasitic Infections in People Referring to the Central Laboratory of Meshkin Shahr County, Ardabil Province, Iran. *Iran J Parasitol.* 2024; 19(1):105-112.

31) Selva Aminizadeh, Behnam Mohammadi-Ghalehbin*, Mehdi Mohebali*, Homa Hajjaran, Zabih Zarei, **Zahra Heidari**, Behnaz Akhondi, Zahra Alizadeh and Jafar Aghaei. Emergence of coinfection with visceral *Leishmania infantum* in COVID-19 patients: a case-control field study in an endemic area of visceral leishmaniasis in Iran. *BMC Infectious Diseases.* 2024; 24:1480.

32) Zarei Z, Mohebali M, Dastouri Dastgir S, Alizadeh Z, Azarm A, Mohammadi Ghalehbin B, **Heidari Z***. Survey on canine's helminthic parasites infection from Mughan plain in Ardabil province, Iran. *Archives of Razi Institute.* 2024; 79(4):755-760.

33) Shabnam Asfaram, Zabih Zarei, Roghayeh Teimoorpour, **Zahra Heidari**, Sohrab Iranpour, Payman Azghani, Seyed Eghbal Motavallibashi, Zahra Rakhshidan, Zahra Khademi, Behnam Mohammadi-Ghalehbin, Shahram Habibzadeh, *Soheila Molaei. Serological Evaluation and Molecular Genotyping of *Toxoplasma gondii* in Pregnant Women in Meshkin-Shahr District, Northwestern Iran. *Iran J Parasitol.* 2025; 20(1):44-53.

34) Zahra Alizadeh, Mehdi Mohebali*, Behzad Aghabarari*, Zabihollah Zarei, Gholamreza Hassanpour, Seyed Ebrahim Eskandari, Mehdi Parsaei, Shahram Jamshidi, Abbas Rahimi Foroushani, Hossein Keshavarz, Behnaz Akhondi, **Zahra Heidari**, Fatemeh Mohebali, Seyedeh Parastoo Yasini, Akram Hassanpour. Formulation, in vitro evaluation and therapeutic effect of chitosan coated pluronic F127 micelles containing miltefosine for the treatment of visceral leishmaniasis in domestic dogs naturally infected by *Leishmania infantum*. *Research in Veterinary Science.* 2025; 182: 105467.

35) Malek Bagali F, Khademi F, Enferadi A, Golshani R, **Heidari Z***. Molecular Detection of *Babesia* Spp. and *Theileria* Spp. in Ticks Collected from Livestock in Ardabil Province, Northwestern Iran. *Vector-Borne and Zoonotic Diseases.*:15303667251403852.

B) Publications in the Persian Journals

1) **Heidari Z**, Seyed Hashemi R, Mohammadi Ghalehbin B. A Study on the Frequency of Intestinal Parasites in Patients Referred to Laboratories of Two Hospitals Affiliated with Ardabil University of Medical Sciences In 2018. *J Ardabil Univ Med Sci.* 2019;18(4):463-9.

2) Alizadeh Z, Mirzanejad asl H, Mohammadi ghalebin B, **Heidari Z***. Investigation of Parasitic Helminthes Infections of Fish caught from Aras River. *J Ardabil Univ Med Sci* 2022; 22 (3) :250-258.

Presentations

- 1) The 7th National Conference on Common Diseases of Humans and Animals, 2010
- 2) 1st International and 8th National Congress of Parasitology and Parasitic Diseases in Iran, 2012
- 3) 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran, 2015
- 4) The 12th European Multicolloquium of Parasitology, 2016
- 5) 3th International & 10th National Congress of Parasitology & Parasitic Diseases of Iran, 2017
- 6) 2nd International Congress on Prevention Strategies for Healthcare-Associated Infections, 2018
- 7) 10th International Laboratory and Clinical Congress, 2018
- 8) 11th International Laboratory and Clinical Congress, 2019
- 9) 4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran, 2019
- 10) 5th International & 12th National Congress of Parasitology & Parasitic Diseases of Iran, 2017

Executive responsibilities

- 1) Member of the Research Council of Bahareh School, 2018
- 2) Member of the financial committee of thesis and research projects of the university 2019
- 3) Scientific editor of the journal of Ardabil University of Medical Sciences from 2017 to now
- 4) Full-time founding board of the "Zoonoses Research Center"
- 5) Member of the Research Council of the "Zoonoses Research Center"
- 6) Advisor professor for laboratory science students (1401-1404)
- 7) Advisor professor for Anesthesiology students (1404-1405)

8) Member of the Occupational Safety and Health Committee

9) Member of the Ethics Committee in Biomedical Research 1404

Awards and appreciation

1) The best Professor in Ardabil University of Medical Sciences in 1401

Habits

1) researches

2) Book reading

3) Exercise