

Mohammad Hassan Kohansal

PhD in Clinical Parasitology

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Personal Details

Date of birth: 22/08/1985

Place of birth: Tabriz, Iran

Gender: Male

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Education

- **2011-2016.** PhD student of Medical Parasitology, Department of Parasitology, Faculty of Medicine, Zanzan University of Medical Sciences, Zanzan, Iran
- **2009-2011.** Medical Parasitology (MSC), Department of Parasitology, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran
- **2005-2009:** Laboratory Medical Science (Bachelor), Tabriz University of Medical Sciences

Scientific technical skills

- **Parasitology:** Acanthamoeba culture, leishmania culture and etc.
- **Molecular biology:** All DNA basic techniques including Genomic DNA extraction, restriction endonucleases digestions, agarose gel electrophoresis, isolation and purification, PCR, RFLP- PCR and etc.
- **Protein analysis:** Enzyme-Linked Immunosorbent Assay (ELISA), PCR
- **In Vivo Studies:** Standard rodent injections

- **Miscellaneous:** Broad software knowledge including all standard Microsoft office software, image processing, statistical analysis and graphs generation, Immunofluorescence microscopy and photography skills for picture recording of results.
- Teaching Endnote, Reference Manager and Mendeley software for medical students.

Selected Publications

Papers

- 1) Shahbazi A, Fallah E, **Kohansal MH**, Nematollahi A, Ghazanchaei A, Asfaram Sh. Morphological Characterization of the Trichostrongylus Species Isolated from Sheep in Tabriz, Iran. Research Opinions in Animal and Veterinary Sciences, (2012), 5(2):5-9.
- 2) **Kohansal Mohammad Hasan**, Nourian Abbasali, Bafandeh Saeed. Human Cystic Echinococcosis in Zanzan Area, Northwest Iran: A Retrospective Hospital Based Survey between 2007 and 2013. Iranian journal of public health, (2015), 4(4):10-20.
- 3) Mohammad Taghi Rahimi · Ehsan Ahmadpour · Bahman Rahimi Esboei · Adel Spotin · **Mohammad Hasan Kohansal** · Ahad Alizadeh · Soheila Honary · Hamed Barabadi · Milad Ali Mohammadi. Scolicidal activity of biosynthesized silver nanoparticles against Echinococcus granulosus protoscolices. International Journal of Surgery, (2015), 6(2):3-10.
- 4) Taher Nemati · Majid Khanmohammadi · Ahad Bazmani · Nasrin Mirsamadi · **Mohammad Hassan Kohansal** · Mehdi Mohebali · Mohammad Fatollahzadeh · Esmail Fallah. Study on Leishmania infection in cats from Ahar, East Azerbaijan Province and North West Iran by parasitological, serological and molecular methods. Asian Pacific Journal of Tropical Biomedicine, (2015), 10(2):64-69
- 5) IL-18 gene polymorphism in patients with visceral leishmaniasis in East Azarbaijan, Iran. Ehsan Ahmadpour · Ahad Bazmani · **Mohamad Hasan Kohansal** · Abdolhasan Kazemi · Zohre Babaloo. Journal of parasitic diseases, (2014), 2(8):12-20.
- 6) R. Badalzadeh · **Mohammad Hasan Kohansal** · B. Yousefi. Effects of the Islamic fasting on the health. Islam and Health journal, (2014), 7(6):2-5.
- 7) **Kohansal, Mohammad Hasan**, et al. "Natural products applied against hydatid cyst protoscolices: A review of past to present." Acta tropica, (2017), 176 :385-394.
- 8) Sarvi, Shahabeddin, Ahmad Daryani, Mehdi Sharif, Mohammad Taghi Rahimi, **Mohammad Hasan Kohansal**, Siavash Mirshafiee, Abolghasem Siyadatpanah, Seyed-Abdollah Hosseini, and Shirzad Gholami. "Zoonotic intestinal parasites of carnivores: A systematic review in Iran." Veterinary world, (2018),11 (1): 58.

- 9) Saburi, Ehsan, Toktam Rajaii, Asma Behdari, **Mohammad Hasan Kohansal**, and Hossein Vazini. "Free-living amoebae in the water resources of Iran: a systematic review." *Journal of parasitic diseases*, (2017), 41: 919-928.
- 10) **Kohansal, M. H.**, Fazaeli, A., Nourian, A., Haniloo, A., & Kamali, K. Dogs' gastrointestinal parasites and their association with public health in Iran. *Journal of veterinary research*, (2017), 61(2), 189-195.
- 11) Mohammadi-Ghalehbin, B., Pezeshki, A., **Kohansal, M. H.**, & Esmaeilnezhad, G. Frequency of Intestinal Parasites in Patients with Malignancy in Ardabil Province, Northwest Iran. *Journal of Human, Environment and Health Promotion*, (2017), 2(2), 118-124.
- 12) Siyadatpanah, A., Sharif, M., Daryani, A., Sarvi, S., **Kohansal, M. H.**, Barzegari, S., ... & Gholami, S. Spatial distribution of *Giardia lamblia* infection among general population in Mazandaran Province, north of Iran. *Journal of parasitic diseases*, (2018), 42(2), 171-176.
- 13) **Kohansal, M. H.**, Nourian, A., Haniloo, A., & Fazaeli, A. Molecular detection of *Taenia* spp. in dogs' feces in Zanzan Province, Northwest of Iran, *Veterinary World*, (2017), 10 (4): 445-449. Abstract.
- 14) Asghar Fazaeli, **Mohammad Hasan Kohansal**, Adel Spotin, Ali Haniloo, Abbasali Nourian, Alireza Khiabani, Abolghasem Siyadatpanah, Roghayeh Norouzi, Veeranoot Nissapatorn. Infection rate and genetic diversity of *Giardia duodenalis* assemblage C in Iranian stray dogs, targeting the glutamate dehydrogenase gene. *Veterinary world*, (2021), 14(2):419.
- 15) Abolghasem Siyadatpanah, Ahmad Daryani, Shahabeddin Sarvi, Adel Spotin, Mehdi Sharif, Reza Esmaealzadeh Dizaji, Davood Anvari, Amir Emami Zeydi, **Mohammad Hasan Kohansal**, Nelson Ivan Agudelo Higueta, Seyed Abdollah Hosseini, Mojgan Aryaeipour, Shirzad Gholami. Phylogeography and genetic diversity of human hydatidosis in bordering the caspian sea, northern iran by focusing on *echinococcus granulosus sensu stricto* complex. *Iranian Journal of Public Health*, (2020), 49(9):1758.
- 16) Zohre Babaloo, Mehrangiz Rajaei Oskoei, **Mohammad Hasan Kohansal**, Aleksandra Barac, Ehsan Ahmadpour. *Comparative Immunology, Microbiology and Infectious Diseases*, (2021), 69: 101431.
- 17) Abolghasem Siyadatpanah, Davood Anvari, Amir Emami Zeydi, Seyed Abdollah Hosseini, Ahmad Daryani, Shahabeddin Sarvi, Christine M Budke, Reza Esmaealzadeh Dizaji, Mohammad Ali Mohaghegh, **Mohammad Hasan Kohansal**, Samira Dodangeh, Reza Saberi, Shirzad Gholami. A systematic review and meta-analysis of the genetic characterization of human echinococcosis in Iran, an endemic country. *Epidemiology and health*, (2019), 41.
- 18) Mahtab Nejadaria, Seyed mojtaba Mortazavi, **Mohammad Hasan Kohansal**. Prevalence of Glucose-6-Phosphate Dehydrogenase Deficiency in Neonates

Hospitalized in Pasteur Hospital of Bam, Iran. Medical Laboratory Journal, (2020), 14(2):9-12.

Gene Registration in NCBI:

Accession numbers: JQ989274.1, JQ793891.1

Published meeting papers, abstracts, posters and talks

- 1) E. Ahmadpour, A. Espotin, M. Hajizadeh, **M. Kohansal** .Poster presentation" Hydatid Cyst Survey in Individual referred to ImamReza Hospital in Tabriz.7th National & Regional Congress of Parasitology and Parasitic Disease in Iran.
- 2) **M. Kohansal**, A. Shahbazi, E. Fallah, A. Nematollahi, SH. Asfaram. Poster presentation" Identification of Trichostrongylus Species isolated from sheep in Tabriz Slaughterhouse by morphometric and PCR-RFLP methods using ITS2-rDNA. 1st International & 8th National Congress of Parasitology & Parasitic Diseases in Iran, 2012, Kerman.
- 3) SH. Asfaram, **M. Kohansal**, A. Shahbazi, E. Fallah, A. Nematollahi. Oral presentation" Identification of Sarcocystis Species isolated from sheep in Tabriz Slaughterhouse by morphometric and PCR-RFLP methods using 18S rRNA. 1st International & 8th National Congress of Parasitology & Parasitic Diseases in Iran, 2012, Kerman
- 4) **M. Kohansal**, S. Dehgani, E. Yarmohammadi. Poster presentation" Epidemiology of Cutaneous Leishmaniasis in Haji Abad district (2009-2011). 6th International & 11th National Congress on Quality Improvement in Clinical Laboratories,2013, Tehran, Iran.
- 5) **M. Kohansal**, E. Yarmohammadi. 21st Iranian Congress on Infectious Disease and Tropical Medicine. Poster presentation" Epidemiology of cutaneous leishmaniasis in Pasargad district (2010-2011), 2013, Tehran, Iran.

Workshop

- Bioinformatics workshop, Faculty of Medicine, Tabriz University of Medical sciences, 2011, Tabriz, Iran.
- PCR workshop, Faculty of Medicine, Tabriz University of Medical sciences, 2011, Tabriz, Iran.
- Laboratory Diagnosis of Cutaneous Visceral leishmaniasis, Kerman University of medical science, 2012, Kerman, Iran
- Laboratory Animals workshop, Faculty of Medicine, Tehran University of Medical sciences, 2012
- Scientific Writing workshop, Shahid Beheshti University of Medical sciences, 2012
- EndNote workshop, Faculty of Medicine, Tabriz University of Medical sciences, 2012
Tabriz, Iran
- Gene Sequencing Methods workshop, Shahid Beheshti University of Medical sciences, 2013

Membership

Member Iranian Society of Parasitology
Member Iranian Society of Immunology