

## 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

Marital status: single

Nationality: Iranian

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### Education

- **2011-2016.** PhD student of Medical Parasitology, Department of Parasitology, Faculty of Medicine, Zanjan University of Medical Sciences, Zanjan, 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 Zanjan 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 Mohebbali · 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) Siyatpanah, 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 Siyatpanah, 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 Siyatpanah, Ahmad Daryani, Shahabeddin Sarvi, Adel Spotin, Mehdi Sharif, Reza Esmaeizadeh 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 Siyatpanah, Davood Anvari, Amir Emami Zeydi, Seyed Abdollah Hosseini, Ahmad Daryani, Shahabeddin Sarvi, Christine M Budke, Reza Esmaeizadeh 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