

Majid khanmohammadi

Date of birth: November 22, 1979

Gender: Male

Nationality: Iranian

Native languages: Azari (Turkish)

Position: Assistant Professor

WORK ADDRESS: Department of Laboratory Sciences, Marand branch, Islamic Azad University, Marand, Iran, P.O. Box 1177, Marand, Iran. Phone: + 98-411-3306709, +989141165049

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EDUCATION

Doctor of Veterinary Medicine (DVM), PhD in Parasitology

Title of DVM thesis; Methods of control, prevent the gastric syndrome of dilation, dilation, torsion (DVT) by surgery in dogs, 2001.

Title of PhD thesis; Effect of Immunogenic protein isolated from *Dirofilaria immitis* on experimental allergic asthma in Balb/C

Department of Parasitology and mycology, school of medicine, Iran University of medical science.

SKILLS

- Software Experience: Bioedit, Mega7, Sequencer, SAS, Endnote8
- Proficiency Gene Cloning, Bacterial Transformation, Plasmid Purification, RNA Extraction, Primer Design, PCR, RT-PCR, Real-Time PCR, siRNA and shRNA Design, Stem Cell Culture, Mammalian Cell Culture, ELISA, Flow Cytometry, SDS-PAGE, Western Blotting, Laboratory Animals Handling.
- Adapt new concepts quickly while working under pressure
- Microsoft Office (Word, PowerPoint), SPSS, EndNote, SAS, X Primer, Web Design, Internet, Proficient in Electronic Database Search (PubMed, Scopus, Springer, Google Scholar, etc.)
- Complex data interpretation

RESEARCH INTERESTS

- Doing research in the field of helminthology, protozoology, specially working on leishmania and Toxoplasma; Molecular parasitology, Zoonosis, Epidemiology and Immunology parasites.

TEACHING ACTIVITIES

- Preparation of Helminthology Class Notes and Practical Notes for Laboratory Sciences students (in Farsi), College of Laboratory Sciences, Marand branch, Islamic Azad University, Marand, Iran, since 2006 until now.
- Preparation of Epidemiology, Notes for laboratory sciences, midwife and nurses students (in Farsi), Marand branch, Islamic Azad University, Marand, Iran, since 2006 until now.

- Preparation of Protozoology, Notes for medical students (in Farsi), College of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran, since 2008 until now.
- Preparation of Advance biosafety for Laboratory Sciences students (in Farsi), College of Laboratory Sciences, Marand branch, Islamic Azad University, Marand, Iran, since 2006 until now.
- Teaching for parasitology Ms Students: Parasitic Zoonosis (Nematodes), Diagnosis of Parasitic Disease, College of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran, since 2008 until now.
- Preparation of Helminthology Class Notes and Practical Notes for Doctor veterinary medicine (DVM) students (in Farsi), College of Veterinary Sciences, Shabestar branch, Islamic Azad University, Shabestar, Iran, since 2006 until now.

PROJECTS

- Seroprevalence of visceral leishmaniasis in stray dogs of Marand with indirect immune fluorescence antibody test (IFAT), Marand .Iran, 2008.
- Seroprevalence of Toxoplasmosis in sheep in Tabriz (east Azerbaijan province) by Sabin Fledman Dye Test and Direct Agglutination Test. Tabriz. Iran, 2010.
- Epidemiological survey of blood filariae in rural dogs by modified not technique and ELISA in East Azerbaijan province, Tabriz. Iran, 2011.
- Seroprevalence of *Neospora caninum* in Miyaneh sheep (Azarbayejan-e-Shargi province) by ELISA and IFA methods. Miyaneh. Iran, 2010.
- Seroprevalence of Toxoplasmosis in sheep in Miyaneh (East Azerbaijan province) by Sabin Fledman Dye Test and Direct Agglutination Test. Miyaneh. Iran, 2011.
- Anti-protozoal activity of (*Ferula szowitziana*, *Ferula rigidula*) extracts on *Trichomonas vaginalis* in In vitro Media.

BOOK TRANSLATION

- Translation of a book in Farsi entitled" Laboratory Biosafety Manual" 3rd edition, 1999, by: World Health Organization (WHO), 2004 Savalan Publication, 1th, 2011.

REFEREE JOURNALS

- International Journal of Women's Health and Reproduction Sciences
- Comparative Clinical Pathology
- Comparative pathobiology
- Journal of comparative clinical pathology researches (JCCPR)
- Iranian Journal of *Medical Sciences*
- Alborz University Medical Journal

- Babol University Medical Journal
- Fassa University Medical Journal
- Tabriz University Medical Journal

PUBLICATIONS

- M. **Khanmohammadi**, M. sadaghian, F. babaey neghad & M. Zakaria: Study on seroprevalence of visceral Leishmaniasis in stray dogs of Marand (East Azerbaijan) with indirect immuno-fluorescence antibody test (IFAT) and its health importance in 2007-2008. The Internet Journal of Parasitic Diseases. 2009 Volume 4 Number 1.
- M. **Khanmohammadi**, M. Ghaem maghami, S & M. Zakaria: The Prevalence of Hydatidosis by Sex, Season and Location in Slaughtered Buffaloes at the Tabriz Abattoir In 2006-2007. The Internet Journal of Veterinary Medicine. 2009 Volume 4 Number 2.
- **Khanmohammadi** M. Studying Seroprevalence of *Dirofilaria immitis* in Dogs in Sarab District. Journal of veterinary clinical Research, Islamic Azad University of karaj. , 2(3):109-116, 1391(text in Persian).
- **Khanmohammadi**, M. "*Dirofilaria immitis* occult infection and seroprevalence in sheepdogs in Sarab (East Azerbaijan Province)." Journal of comparative pathobiology Iran 8, 4 (35) (2012): 657-663.
- **Khanmohammadi**, M. "Seroprevalence of canine *Dirofilaria immitis* in sarab district." Journal of veterinary clinical research 3, 2 (10) (2012): 109-116.
- **Khanmohammadi**, Majid, Ali Halajian, and Shalaleh Ganji. "First scanning electron microscope observation on adult *Oesophagostomum venulosum* (rudolphi, 1809) (nematoda: strongylida, chabertiidae)." Veterinarija ir Zootechnika 62, no. 84 (2013): 56-61.
- **Khanmohammadi** M. *Dirofilaria immitis* occult infection and seroprevalence in sheepdogs in Sarab (East Azerbaijan Province). Journal of comparative pathobiology, Islamic Azad University of science and research branch.4,664-657.1390.(text in Persian)
- **Khanmohammadi** M, Ganji Sh (2012). Seroprevalence of *Toxoplasma gondii* infection in shepherd dogs from Sarab District, Northwest Iran. Comparative Clinical Pathology. 1637-9.
- Fallah E, Shahbazi A, Aboalsoltani N1, Bazmani A, **Khanmohammadi** M. Parasitological and molecular investigation of *Babesia microti* in rodents of Sarab district of East Azerbaijan. Journal of comparative pathobiology, Islamic Azad University of science and research branch.3,1039-1044.1392.(text in Persian)
- Javadi Mamagani, A. R., A. Shahbazi, E. Fallah, M. **Khanmohammadi**, and A. Nematollahi. "A Case Report of Mixed Infection in Holstein cattle with *Theileria annulata* and *Babesia*

bigemina in one of the Tabriz Traditional dairies." Journal of Comparative Pathobiology 9, no. 3 (2012).

- Abbas shahbazi, Shabnam Asfaram, Esmaeel Fallah, **Majid Khanmohammadi**, Ahmad Nematollahi, Tamouchin Moharrami, Ardavan Ghazanchaei. Identification of *Sarcocystis tenella* and *Sarcocystis arieticanis* Isolated from slaughtered Sheep in Tabriz Abattoir by Parasitological and PCR-RFLP Methods. Journal of comparative pathobiology, Islamic Azad University of science and research branch.2, 959-964.1392(text in Persian).
- Gholami, Shirzad, **Majid Khanmohammadi**, Ehsan Ahmadpour, Abdol Sattar Pagheh, Sara Khadem Nakhjiri, Hamidreza Ramazannipour, and Abbas Shahbazi. "Cryptosporidium infection in patients with gastroenteritis in Sari, Iran." Iranian journal of parasitology 9, no. 2 (2014): 226.
- Shahbazi, A., N. Mazhari, A. Ghazanchaei, **M. Khanmohammadi**, and E. Fallah. "Genetic variation of antigen B2 among *Echinococcus granulosus* isolates in Tabriz, North West of Iran." Journal of Comparative Pathobiology 11, no. 1 (2014).
- Alihemmati, A., A. Shahbazi, E. Fallah, **M. Khanmohammadi**, and SH Asfaram. "Prevalence of sarcocystis infection in slaughtered cattle in Tabriz." (2014): 1095-1099.
- Fallah, E., N. Aboalsoltani, A. Bazmani, **M. Khanmohammadi**, T. Hazratian, and A. Shahbazi. "Parasitological and molecular investigation of *Babesia microti* in rodents of Sarab district of East Azerbaijan." Journal of Comparative Pathobiology 10, no. 3 (2013).
- **Khanmohammadi M**, Amir rezaJavadi Mamagani , Azim Rezamand , Mahmoud Mahami Oskouei , Abbas Shahbazi ,Esmaeil Fallah ,Shalale Ganji Case Report of a *Strongyloides stercoralis* infection in achild with acute lymphocytic leukemia in Tabriz, Iran . 35, 88-91.1392(text in Persian).
- **Khanmohammadi M**, Shalaleh Ganji, Siamak Reyhani Rad Anti-protozoan Effects of Methanol Extracts of the Ferula szowitsiana on the *Trichomonas Vaginalis* Trophozoites in vitro. International Journal of Women's Health and Reproduction Sciences Vol. 2, No. 5, autumn 2014, 301–306.
- Shirzad gholami, **Majid khanmohammadi**, Ehsan ahmadpour, ebdol satar paqhe, Sara khadem nakhjiri, Hamidreza ramazannipour, Abbas shahbazi . Cryptosporidium infection in patients with gastroenteritis in sari, iran. Iranian J Parasitol: Vol. 9, No.2, Apr -Jun 2014, pp.226-232.
- Naghili, Bahrooz, Amirreza Javadi Mamagani, Mahmoud Mahami Oskouei, Esmaeil Fallah, Abbas Shahbazi, and **Majid Khanmohammadi**. "A Case Report of Acute Gastroenteritis Due to Leech Bite." Medical Journal of Tabriz University of Medical Sciences & Health Services 36, no. 5 (2014).
- Nemati, Taher, **Majid Khanmohammadi**, Ahad Bazmani, Nasrin Mirsamadi, Mohammad Hassan Kohansal Koshki, Mehdi Mohebali, Mohammad Fatollahzadeh, and 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 5, no. 1 (2015): 40-43.

- Fatollahzadeh, Mohammad, **Majid Khanmohammadi**, Ahad Bazmani, Nasrin Mirsamadi, Rasool Jafari, Mehdi Mohebali, Taher Nemati, and Esmail Fallah. "Survey of feline visceral leishmaniasis in Azarshahr area, north west of Iran, 2013." Journal of Parasitic Diseases 40, no. 3 (2016): 683-687.
- Abbas Shahbazi, Nahid Mazhari, Ardavan Ghazanchaei, **Majid Khanmohammadi**, Esmail Fallah Genetic Variation of Antigen B2 among *Echinococcus granulosus* Isolates in Tabriz, East Azerbaijan, North West of Journal of comparative pathobiology, Islamic Azad University of science and research branch.1, 1207-1212.1393.(text in Persian).
- **Khanmohammadi, M.**, Falak, R., Meamar, A.R., Razmjou, E., Mokhtarian, K., Arshadi, M., Shayanfar, N. and Akhlaghi, L., 2019. Application of *Dirofilaria immitis* immunoreactive proteins in serodiagnosis. Parasite immunology, 41(1), p.e12598.
- Karimi, Jamal. and Ardabili, Farshid. and Shabanlooei, Hamed. and Mokhtarian, Kobra. and **Khanmohammadi, Majid**. (2018) A case report of multiple organ involvement to hydatid cyst in a pregnant woman. J Shahrekord Univ Med Sci, 20 (3).
- Mokhtarian, Kobra, Ahmad Reza Meamar, Majid Khoshmirsafa, Elham Razmjou, Leila Masoori, **Majid Khanmohammadi**, Lame Akhlaghi, and Reza Falak. "Comparative assessment of recombinant and native immunogenic forms of *Fasciola hepatica* proteins for serodiagnosis of sheep fasciolosis." Parasitology research 117, no. 1 (2018): 225-232.
- Arshadi, Mehdi, Lame Akhlaghi, Ahmad Reza Meamar, Leila Alizadeh Ghavidel, Kamal Nasiri, Mahmoud Mahami-Oskouei, Farideh Mousavi, Zahra Rampisheh, **Majid Khanmohammadi**, and Elham Razmjou. "Sero-molecular detection, multi-locus genotyping, and clinical manifestations of ocular toxoplasmosis in patients in northwest Iran." Transactions of The Royal Society of Tropical Medicine and Hygiene (2019).
- **Khanmohammadi M**, Falak R, 3, Meamar AR, Razmjou E, Arshadi M, Akhlaghi L, Molecular Detection and Phylogenetic Analysis of Endosymbiont Wolbachia Pipientis (Rickettsiales, Anaplasmataceae) Isolated from *Dirofilaria immitis* in Northwest of Iran. Journal of arthropod borne disease (In press).
- Morphological description, phylogenetic and molecular analysis of *Dirofilaria immitis* Isolated from Dogs in the Northwest of Iran. Majid khanmohammadi, ahmad reza meamar, elhamrazmjou, reza falak, reza zolfaghari emameh ,kobramokhtarian, mehdi arshadi, lame akhlaghi. Iranian journal of parasitology (In press).