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Professor of Immunoparasitology

Personal Information

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Educations

PhD in Immunoparasitology: 1998–2001, Liverpool School of Tropical Medicine, University of Liverpool, UK.

Diploma in human immunity: 1997-1998, Department of immunology, Faculty of Medicine, University of Liverpool, UK

MSc in Parasitology: 1990-1992, Department of Parasitology, Tarbiat Modress University, Tehran, Iran.

Professional experiences

2007-Con: Lecturer in Faculty of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran

2001-2007: Lecturer in Faculty of Medicine, Yasuj University of Medical Sciences, Yasuj, Iran

Training courses

8 September - 24 October 2004: Advanced WHO/TDR course on Immunology, Vaccinology and Biotechnology Applied to Infectious Diseases, Lausanne, Switzerland.

24 October to 4 November 2005: 4th South East Asian Training Course on Bioinformatics Applied to Tropical Diseases, sponsored by WHO/TDR, New Delhi, India.

7-11 December 2002: Workshop on Generation of Recombinant Monoclonal Antibodies in E coli. Organised by National Research Centre for Genetic and Biotechnology, Tehran, Iran.

18-27, June 2007: Training Workshop on Ethical Considerations and Biomedical Use of Non-Human Primates for Research in Tropical Diseases. Institute of Primate Research, Nairobi, Kenya.

Publications

1. Rezaei Z, Pouladfar G, Ramezani A, Mostafavi-Pour Z, Abbasian A, **Sarkari B**, Pourabbas B. Importance of *L. Infantum* H2B Recombinant Antigen for Serodiagnosis of Visceral Leishmaniasis. Iran J Immunol. 2019;16(4):311-320.
2. Rezaei Z, Van Reet N, Pouladfar G, Kühne V, Ramezani A, **Sarkari B**, Pourabbas B, Büscher P. Expression of a rK39 homologue from an Iranian *Leishmania infantum* isolate in *Leishmania tarentolae* for serodiagnosis of visceral leishmaniasis. Parasit Vectors. 2019 Dec 18;12(1):593.
3. Arefkhah N, **Sarkari B**, Rozrokh S, Rezaei Z, Moshfe A. Toxoplasmosis in Nomadic Communities: A Seroepidemiological Study in Southwestern Iran. Ann Ig. 2020 Jan-Feb;32(1):50-55.
4. Arefkhah N, Shadzi MR, Mikaeili F, **Sarkari B**, Esfandiari F, Goudarzi F. Seroprevalence and associated risk factors of toxocariasis among nomads in Boyer-Ahmad County, southwest Iran. Trans R Soc Trop Med Hyg. 2019 Dec 11. pii: trz117.
5. Moshfe A, Arash A, Erfani N, Jamshidi A, **Sarkari B**, KHABISI SA, et al. Clinical features, Diagnosis and Management of Patients with Suspicion of Fascioliasis in Kohgiluyeh and Boyer-Ahmad Province, Southwestern Iran. Iranian Journal of Parasitology. 2020;15(1):84-90.
6. Khatami SH, Taheri-Anganeh M, Arianfar F, Savardashtaki A, Sarkari B, Ghasemi Y, et al. Analyzing Signal Peptides for Secretory Production of Recombinant Diagnostic Antigen B8/1 from *Echinococcus granulosus*: An In silico Approach. Molecular Biology Research Communications. 2020:1-10.
7. Erfani A, Pouryousef A, Arefkhah N, Shahriarirad R, Jahromi MR, Zeighami A, et al. Seroprevalence of toxocariasis and its related risk factors among municipal street sweepers in Shiraz District in Fars Province, southern Iran. Clinical Epidemiology and Global Health. 2020.
8. Noorpisheh Ghadimi S, Abedini MR, **Sarkari B**, Savardashtaki A, Mikaeili F. *Neobalantidium coli*: First molecular identification from the Eurasian wild boar, *Sus Scrofa* in Bushehr Province, Southwestern Iran. Vet Med Sci. 2020 Feb;6(1):142-146.
9. Moshfe A, **Sarkari B**, Arefkhah N, Nikbakht R, Shahriarirad R, Rezaei Z, Jamshidi A, Moradian F. Seroepidemiological study of cystic echinococcosis in nomadic communities in the southwest of Iran: A population-based study. J Immunoassay Immunochem. 2019;40(2):183-192.
10. Savardashtaki A, Mostafavi-Pour Z, Arianfar F, **Sarkari B**. Comparison of the Utility of Recombinant B8/2 Subunit of the Antigen B, Native Antigen, and a Commercial ELISA Kit in the Diagnosis of Human Cystic Echinococcosis. Iran Biomed J. 2019 Jul;23(4):246-52.

11. Arefkhah N, Vafazadeh S, Shahriarirad S, Ghorbani F, Zoghi S, Emami M, Zamiri B, Cheraghi MR, Sarvari J, **Sarkari B**. Serum levels of anti-hepatitis B surface antibodies among vaccinated children aged 1 to 12 years in a rural community in Fars Province, southern Iran. *J Immunoassay Immunochem*. 2019 Oct 7:1-8.
12. Arefkhah N, Goodarzi R, Rezaei Z, Layegh Gigloo A, **Sarkari B**. Low prevalence of *Toxoplasma gondii* infection among children in a rural community in Fars province, Southern Iran. *Infez Med*. 2019 Sep 1;27(3):322-327.
13. Noorpisheh Ghadimi S, Homayoon L, Shahriarirad R, Fatehpour S, Rastegarian M, **Sarkari B**. Attenuated *Leishmania major* Induce a High Level of Protection against *Leishmania infantum* in BALB/c Mice. *Iran J Parasitol*. 2019 Apr-Jun;14(2):310-317.
14. Zaraei M, Arefkhah N, Moshfe A, Ghorbani F, Mikaeili F, **Sarkari B**. Prevalence of bovine fascioliasis in a new-emerging focus of human fascioliasis in BoyerAhmad district, southwest of Iran. *Comp Immunol Microbiol Infect Dis*. 2019 Oct;66:101350.
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16. Arefkhah N, Pourabbas B, Asgari Q, Moshfe A, Mikaeili F, Nikbakht G, **Sarkari B**. Molecular genotyping and serological evaluation of *Toxoplasma gondii* in mothers and their spontaneous aborted fetuses in Southwest of Iran. *Comp Immunol Microbiol Infect Dis*. 2019 Oct;66:101342.
17. Esfandiari F, **Sarkari B**, Turki H, Arefkhah N, Shakouri N. Level of circulating steroid hormones in malaria and cutaneous leishmaniasis: a case control study. *J Parasit Dis*. 2019 Mar;43(1):54-58. doi: 10.1007/s12639-018-1055-2. Epub 2018 Nov 20.
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20. **Sarkari B**, Alirezaei R, Layegh Gigloo A, Rezaei Z, Mikaeili F, Bahreini MS, Fararouei M. Seroprevalence and risk factors for *Toxocara* infection among children in a rural community in Fars province, southern Iran. *Parasite Immunol*. 2018 Nov;40(11):e12582.
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