

Curriculum vitae



Personal data

Name: Somayeh Bahrami

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Date and place of birth: 1982 Shiraz, IRAN

Marital Status: Married, One child

Present position: Associate Professor in Veterinary Parasitology

Educational Background

Ph.D. in Veterinary Parasitology, Shiraz University, Shiraz, IRAN

Ph.D Thesis: Isoenzymes, antioxidants and ultrastructural alterations of *Leishmania tropica* at different stages

Experiences

Lecturer of Parasitology, Department of Parasitology, Faculty of Veterinary Medicine, Shahid Chamran University of Ahvaz, Ahvaz, Iran from 2010

Researcher in Karen Liljebjelke lab, Department of Ecosystem and Public Health, University of Calgary, Calgary, Canada (2018-2019)

Interest

Protozoa especially zoonotic parasites, Molecular biology, Host- Parasite Interaction, *Leishmania spp.*, Free living amoeba especially *Acanthamoeba spp.*

Skills

Cell culture, Molecular technics such as PCR, RT-PCR, Nested PCR, Multiplex PCR, Real time PCR, PCR- RFLP, Protein and DNA electrophoresis, Isoenzyme electrophoresis, Serologic test such as Agglutination test, ELISA and CCIEP, IHA

Rewards and honors

Distinguished research professor award from Shahid Chamran University of Ahvaz

Google Scholar

<https://scholar.google.com/citations?user=Ogps4HEAAAJ&hl=en>

Publications

- 1- Zarei M, Ghahfarokhi ME, Fazlara A, **Bahrami S.** (2019). Effect of bacterial growth phase and co-culture conditions on the interaction of *Acanthamoeba castellanii* with *Shigella dysenteriae*, *Shigella flexneri* and *Shigella sonnei*. *Journal of Basic Microbiology*, in press.
- 2- **S Bahrami**, S Esmaelzadeh, AR Alborzi, S Niknejad. Prevalence and new histopathological aspects of *Haemoproteus spp.* in pigeons from Iran. *Journal of the Hellenic Veterinary Medical Society* 71 (1), 1925-1934.
- 3- Oryan A, Bemani E, **Bahrami S.** (2018). Emerging role of Amiodarone and Dronedarone, as antiarrhythmic drugs, in treatment of leishmaniasis. *Acta Tropica* 185: 34- 41.
- 4- **S Bahrami**, H Hamidinejat, ARG Tafreshi. (2019). First molecular detection of *Anaplasma phagocytophilum* in dromedaries (*Camelus dromedarius*). *Journal of Zoo and Wildlife Medicine* 49 (4), 844-848
- 5- Adinehbeigi K, Razi Jalali MH, Shahriari A, **Bahrami S.** (2017). In vitro antileishmanial activity of fisetin flavonoid via inhibition of glutathione biosynthesis and arginase activity in *Leishmania infantum*. *Pathogens and Global Health* 11(4):176-185.
- 6- Delavari, I., Khadjeh, G., **Bahrami, S.**, Jalali, S.M. and Esmaelzadeh, S. 2017. Evaluation of Local tissue oxidative stress and its possible involvement in the pathogenesis of toxoplasmosis in rats experimentally infected with *Toxoplasma gondii*. 34(2): 1-9.

- 7- **Somayeh Bahrami**, Hossein hamidinejat, Seyyed Reza Fatemi, Saeed Sardarifar. Effect of natural neosporosis on bull sperm quality. (2018). *Tropical Animal Health and Production* 50:85–89
- 8- **Somayeh Bahrami**, Mohammad Reza Tabandeh, and Ali Reza Ganjali Tafreshi. (2017). Prevalence and molecular identification of piroplasmids in Iranian dromedaries (*camelus dromedarius*). *Journal of Zoo and Wildlife Medicine* 48(4): 1026–1030, 2017
- 9- **Somayeh Bahrami**, Ali Reza Alborzi, Gooraninejad S, Omid Bakrayi (2017). Effect of natural neosporosis on levels of testosterone and thyroid hormones in bulls. Accepted in *Journal of the Hellenic Veterinary Medical Society*. In press
- 10- **Somayeh Bahrami**, Shahram Khademvatan, Mohammad Hossein Razi Jalali, Sepideh Pourbaram. (2016). Amiodarone triggers induction of apoptosis in cutaneous leishmaniasis agents. *Pathogens and Global Health* (4, 5): 200 – 204.
- 11- **Somayeh Bahrami**, Ali Shahriari, Mehdi Tavalla, Somayeh Azadmanesh, Hossein Hamidinejat. (2016). Blood Levels of Oxidant/Antioxidant Parameters in Rats Infected with *Toxoplasma gondii*. *Oxidative Medicine and Cellular Longevity* 2016 (2016), Article ID 8045969, 6 pages
- 12- **Somayeh Bahrami**, Zahra Boroumand, Ali R. Alborzi, Mehdi Namavari, and Seyyede B. Mousavi. (2016). A molecular and serological study of *Neospora caninum* infection in pigeons from southwest Iran. *Veterinarski Arhiv* 86 (6), 815-823.
- 13- Mohammad Asadpour, Hosein Malekpour, Arash Jafari, **Somayeh Bahrami**. (2016). Diversity of parasitic contamination in raw vegetables commonly consumed in Shiraz, southwest of Iran. *Asian Pacific Journal of Tropical Disease* 6(2): 160-162.
- 14- **Bahrami S**, Kharrati L, Makki M. (2016). The first case report of human infestation with *Ctenocephalides canis* in Behbahan (Khuzestan Province). *Journal of Ardabil University of Medical Sciences* 16(3): 317-322.
- 15- **Bahrami S**, Najafzadeh H, Shahriari A, Ahmadi S, Razi Jalali MH. (2016). Investigation on ornithine decarboxylase activity and level of putrescine, spermidine and spermine in hydatid cyst. *Journal of Ardabil University of Medical Sciences*, Accepted and In Press.
- 16- **Bahrami S**, Rezaie A, Boroumand Z, Namavari M, Ghavami S. (2016). Embryonated pigeon eggs as a model to investigate *Neospora caninum* infection. *Laboratory Animals* pii: 0023677216652373.
- 17- Seyedeh Misagh Jalali, **Somayeh Bahrami**, Aria Rasooli, Saman Hasanvand. (2016). Evaluation of oxidant/antioxidant status, trace mineral levels, and erythrocyte osmotic fragility in goats naturally infected with *Anaplasma ovis*. *Tropical Animal Health and Production* 6:1175 – 1181.
- 18- **Somayeh Bahrami**, Mohammadreza Tabandeh, Ali Nikbin, Alireza Alborzi, Ali-Reza Ghadrdan-Mashhadi. (2016). Prevalence and phylogenetic analysis of *Theileria equi* in Iranian dromedaries. *Archives of Razi Institute* 3: 169 -175.
- 19- **Somayeh Bahrami**, Saleh Esmaeilzadeh, Mehdi Zarei, Fatemeh Ahmadi. (2015). Potential application of nanochitosan film as a therapeutic agent against cutaneous leishmaniasis caused by *L. major*. *Parasitology Research* 114: 4617 – 4624.
- 20- **Somayeh Bahrami**, Hossein Hamidinejat, Mansour Mayyahi, Mehran Ahmadi Balootaki. A Survey of *Neospora caninum* infection in sparrows (*Passer domesticus*) in Khuzestan Province, Iran. *Archives of Razi Institute* 4: 279 -281.
- 21- **Somayeh Bahrami**, Ali-Reza Ghadrdan-Mashhadi, Seid Mehdi Mirabdolahy Shamsy, Mohammad Reza Fayed. Diagnosis of subclinical equine theileriosis in center of Iran using parasitological and molecular methods. *Tropical Biomedicine* 1:110 - 117.

- 22- **Somayeh Bahrami**, Saleh Esmaeilzadeh, Ahmad Oryan. (2014). Role of oxidative stress in concomitant occurrence of *Fasciola gigantica* and leiomyoma in cattle. *Veterinary Parasitology* 1-2: 43- 50.
- 23- **Somayeh Bahrami**, Annahita Rezaie, Alireza Alborzi. (2014). *Trichosomoides crassicauda* infection in wistar rats. *Archives of Razi Institute* 1: 63 – 67.
- 24- Ahmad Oryan, Seyed Mostafa Razavi, **Somayeh Bahrami**. Occurrence and biology of goat warble fly infestation by *Przhevalskiana silenus* (Diptera, Oestridae) in Iran. *Veterinary Parasitology* 1: 178 – 181.
- 25- **Somayeh Bahrami**, Alireza Alborzi, Pedram Haddad Molayan, Sepideh Pourbaram, Seyed Boshra Mosavi. (2014). Prevalence of *Cryptosporidium* spp. Infection and its association with diarrhea in buffalo calves in Khuzestan, a southwestern province of Iran. *Buffalo Bulletin* 4: 293 – 299.
- 26- Ahmad Oryan, Akbar Valinezhad, **Somayeh Bahrami**. (2007). Prevalence and pathology of camel filariasis in Iran. *Parasitology Research* 1:1125 – 1131.
- 27- Ahmad Oryan, **Somayeh Bahrami**. (2012). Pathology of natural *Przhevalskiana silenus* infestation in goats. *Tropical Biomedicine* 4: 524 – 531.
- 28- Ahmad Oryan, Seyed Mostafa Razavi, **Somayeh Bahrami**, Adel Mohammad alipour, Mohsen Gowhari. Prevalence of *Cryptosporidium* infection in camels (*Camelus dromedarius*) in a slaughterhouse in Iran. *Tropical Biomedicine* 3: 267 – 273.
- 29- Annahita Rezaie, **Somayeh Bahrami**, Mahshid Bagherzadeh Ansari. (2013). *Klossiella equi* in a donkey – a first case report from Iran. *Tropical Biomedicine* 3: 543 – 546.
- 30- **Somayeh Bahrami**, Mohammad Hossein Razi Jalali, Arash Jafari. (2015). Evaluation of hepatic antioxidant changes in ovine dicrocoeliosis. *Journal of Parasitic Diseases*, 4: 766 – 769.
- 31- **Somayeh Bahrami**, Ali-Reza Ghadrnan-Mashhadi, Mahdi Pourmahdi Borujeni, Mohsen Vafayie Salarpoor. (2014). Epidemiology of *Theileria equi* in Persian Arab horses from Iran. *Veterinari Medicina* 9: 409 – 414.
- 32- Gholam Reza Hatam, **Somayeh Bahrami**, Seyed Mostafa Razavi, Ahmad Oryan. (2012). Isoenzyme and ultrastructural characterization of *Leishmania tropica* axenic amastigotes and promastigotes. *Parasitology Research* 1: 643 – 648.
- 33- **Somayeh Bahrami**, Gholam Reza Hatam, Seyed Mostafa Razavi, Saeid Nazifi. (2011). In vitro cultivation of axenic amastigotes and the comparison of antioxidant enzymes at different stages of *Leishmania tropica*. *Tropical Biomedicine* 2: 411 – 417.
- 34- **Somayeh Bahrami**, Alireza Alborzi. (2013). Prevalence of subclinical coccidiosis in river buffalo calves of southwest of Iran. *Acta Parasitologica* 4: 527 – 530.
- 35- Saeid Nazifi, Ahmad oryan, **Somayeh Bahrami**, Seyed Mostafa Razavi. Evaluation of haematological and serum biochemical parameters in Iranian camels (*Camelus dromedarius*) infected with haemotrophic *Mycoplasma* (*Eperythrozoon*) spp. *Comparative Clinical Pathology* 1: 329 - 332.
- 36- Saeid Nazifi, Sara Ahmadnia, **Somayeh Bahrami**, Marjan Moraveji, Seyed Mostafa Razavi, Mohammad Moazeni. Biochemical characterization of *Cysticercus tenuicollis* in Iranian fat-tailed sheep. *Australian Journal of Basic and Applied Sciences* 3: 248 – 251.
- 37- Razavi SM, Nasirinasab-Rafsanjani M, **Bahrami S.** (2010). Study on *Cryptosporidium* contamination in lettuce collected from different areas in Shiraz. *Journal of Shahrekord University of Medical Sciences*. 12(2): 44-50.

- 38- Maryam Ansari-Lari, Sara Ahmadnia Motlagh, Marjan Moravveji, **Somayye Bahrami**, Arsalan Hosseini. Seroepidemiological study of *Neospora caninum* in dairy cattle, Iran. Online Journal of Veterinary Research 15 (2): 155-161.
- 39- **Bahrami S**, Razi Jalali MH, Ramezani Z, Pourmehdi Boroujeni M, Toeimepour F. (2016). *In vitro* scolicidal effect of *Lepidium sativum* essential oil. Journal of Ardabil University of Medical Sciences 15(4): 395 – 403.
- 40- Razi Jalali MH, **Bahrami S**, Najafzadeh H, Asadi Z. (2014). In vitro study on effects of amiodarone and ketoconazole on *Leishmania infantum*. Journal of Ardabil University of Medical Sciences 14(3): 257-265.
- 41- Razi Jalali MH, **Bahrami S**, Jafari A. (2013). Evaluation of humoral immune response against somatic and excretory- Secretory antigens of *Dicrocoelium dendriticum* in infected sheep by Western blot. Journal of Ardabil University of Medical Sciences 13(4): 388-397.