

Student theses (Supervision or advisory)

30. **2018-Present:** Seroprevalence evaluation of tularemia in sheep and cattle herds and *Francisella tularensis* contamination in water sources of Kurdistan province by qPCR method, PhD thesis of Bacteriology, Islamic Azad University, Tehran, Iran.
29. **2018- Present:** Genotyping of antibiotic resistant isolates of *Pseudomonas aeruginosa* isolated from urinary tract infections by PFGE and MLST methods, PhD thesis of Medical Bacteriology, Pasteur Institute of Iran, Tehran, Iran.
28. **2017- Present:** Serological and molecular analysis of Tularemia and Brucellosis in rodents in west of Iran, PhD thesis of Bacteriology, University of Kerman, Kerman, Iran.
27. **2017-2019:** Study of Q fever and CCHF infection of ticks collected from domestic animals in farms and slaughterhouse in Shahr-e Rey, MSc. thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
26. **2017-Present:** The genotyping survey of positive toxin-*Clostridium difficile* strains isolated from the nursing home with methods of PCR-Ribotyping, PFGE and MLVA, PhD thesis of Medical microbiology, Tarbiat Modares University, Tehran, Iran.
25. **2016-2019:** Genotyping of *Coxiella burnetii* in Iran by MLVA, MLST and SNP Real-time, PhD thesis of Medical microbiology, Tarbiat Modares University, Tehran, Iran.
24. **2014-2016:** Factors affecting the occurrence of FMD in the cattle in Iran and determining the temporal and spatial disease clusters during 2012-2014, Ph.D. thesis of Epidemiology, University of Tehran, Tehran, Iran.
23. **2014-2016:** Seroepidemiology survey of Q fever in patients with Brucella-like symptoms and atypical pneumonia referred to Razi hospital in Ghaemshahr, Ph.D. thesis of infectious diseases and tropical medicine, Mazandaran University of Medical Sciences, Sari, Iran.
22. **2014-2016:** Comparison of Rodent genetic structure (with emphasizes on *Meriones persicus*) and study on flea infection to *Yersinia pestis* in two regions of Iran with Plaque historic and no-historic background, MSc. thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
21. **2014- 2018:** The Explanation of the Spatial Distribution of Cancer Diseases in Urban Health Pattern: Case study of Tehran metropolitan, Ph.D. thesis of Geography and Urban Planning, Tarbiat Modares University, Tehran, Iran.
20. **2013- 2015:** Study on fauna of the rodents, their ectoparasites and Helminths endoparasites in west and southwest of Kurdistan province, MSc. thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
19. **2013-2017:** HIV-1 drug resistance transmission threshold survey and prediction of virus Co-receptor Usage (Tropism) by Genotypic and bioinformatics approaches in Khuzestan province, Ph.D. thesis of Medical Virology, Jundishapur University of Medical Sciences, Ahvaz, Iran.
18. **2013-2015:** Spatial modeling of cutaneous leishmaniasis using GIS in the last thirty years (1983-2013) in Iran, MSc. thesis of Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
17. **2013- 2016:** Identifying phylodynamic of HIV-1 (specific subtype) in Iran, Ph.D. thesis of Epidemiology, Kerman University of Medical Sciences, Kerman, Iran.
16. **2013- 2017:** In vitro and clinical trial evaluation of 8 Iranian species of Pomegranate (*Punica granatum L*) as an antifungal agents against more prevalent specimens in patients with oral candidiasis, Ph.D. thesis, Pasteur institute of Iran, Tehran, Iran.
15. **2012-2013:** Association of the relation between viral load and Cytokines level of IL-1 α , IL-6, IL 10 and TNF- α with severity of Crimean Congo Hemorrhagic Fever diseases in Iranian patients, MSc. thesis of Microbial Biotechnology, Payam Noor University, Tehran, Iran.
14. **2012- Present:** Molecular and seroepidemiological survey of rodent infection against Leptospirosis in three northern provinces of Iran using culture, microagglutination test and polymerase chain reaction (PCR), Ph.D. thesis, Pasteur institute of Iran, Tehran, Iran.

13. **2012- 2018:** Development of a method for detection of recent HIV infections and comparison with BED-CEIA, Ph.D. thesis of Biotechnology, Pasteur institute of Iran, Tehran, Iran.
12. **2012- 2014:** Comprehensive study on Crimean-Congo haemorrhagic fever virus variants circulation in Iran, Ph.D. thesis of Microbiology, Pasteur institute of Iran, Tehran, Iran.
11. **2012-2013:** A survey of Crimean Congo Haemorrhagic Fever in camel's blood serum by ELISA method and attached ticks by RT-PCR technique in the north east of Iran; Ph.D. thesis of Internal veterinary medicine, Ferdowsi University, Mashhad, Iran.
10. **2012-2013:** Spatial and temporal modeling of multiple sclerosis in Tehran; MSc. thesis of Epidemiology, Tehran University of Medical Sciences, Tehran, Iran.
9. **2011-2013:** Determination of viral infection rate of hard ticks to Crimean Congo haemorrhagic fever and their distribution pattern using Geographic Information System (GIS) in the Kashan district, Isfahan province; MSc. thesis of Medical Entomology, Tehran University of Medical Sciences, Tehran, Iran.
8. **2011-212:** Determination of virulence factors of EPEC strains isolated from diarrheal and asymptomatic persons, MSc thesis of Biology, Science and Research Branch, Islamic Azad University, Tehran, Iran.
7. **2011-2012:** Determining the virulence factors of E-coli enteropathogenic atopic in diarrheal patient, MSc. thesis of Medical Microbiology, Pasteur Institute of Iran, Tehran, Iran.
6. **2011- 2014:** Investigation of miRNA biomarkers role involved in Notch1 signaling pathway in Acute Lymphoblastic Leukemia (ALL) as biomarkers in diagnosis and therapeutic purposes; PhD thesis of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran.
5. **2011- 2014:** Evaluation of miRNAs expression on genes-mediated inhibition of metastatic breast cancer; Ph.D. thesis of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran.
4. **2010-2011:** Evaluation of the effects of Mentha Spicata Essence against *Listeria monocytogenes* in traditional Lighvan Cheese; DVM thesis, University of Tabriz, Tabriz, Iran.
3. **2010-2011:** Descriptive study of dystocias due to fetal monstrosities referred to the Faculty of Veterinary Medicine, University of Tabriz during 2006-2010, University of Tabriz, Tabriz, Iran.
2. **2010-2012:** Evaluation of presence of BoLA-DRB3 resistance and susceptible alleles in Iranian cattle breeds in relation to bovine leukemia virus; PhD thesis of Clinical Pathology, Faculty of veterinary medicine, University of Tehran, Tehran, Iran.
1. **2010-2011:** Relationship between mutations in the coding parts of genes XRCC2 with differentiated thyroid carcinoma: a case control study; MSc thesis of Clinical Biochemistry, Tehran University of Medical Sciences, Tehran, Iran.