

CURRICULUM VIATE

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EDUCATION:

1993-1997 Ph.D.: Medical microbiology, Tehran University, Tehran, Iran.

1989-1991 M.Sc.: Medical Bacteriology, Tehran University, Tehran, Iran.

1985-1989 B.Sc: Microbiology, University of Esfahan, Iran.

1977-1981: Mathematic & physic, Iranshahr high school, Gorgan, Iran.

EMPLOYMENT:

1993- 1997: Member of academic staff in microbiology department in Gorgan AZAD University.

1997- 2004: Assistant professor at the department of Microbiology and Immunology, faculty of medicine, medical university of Golestan, Iran

2004-2012: Associate professor at the department of Microbiology and Immunology, faculty of medicine, medical university of Golestan, Iran

2013- 2016: Professor, Head of Department of Microbiology, faculty of Medicine, Medical University of Golestan, Iran.

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PUBLICATION:

1. N Asgari, EA Ghaemi, S Tavasoli, M Aghaei, H Razavi Nikoo, LA Sechi,. Detection of Mycobacterium avium Subspecies paratuberculosis in the Blood of Patients with Rheumatoid Arthritis by Using Serological and Molecular Techniques. *Current Microbiology* 2023; 80 (11), 359
2. M Rafiee, A Tabarraei, M Yazdi, A Mohebbi, EA Ghaemi. Antimicrobial Resistance Patterns of Staphylococcus saprophyticus Isolates Causing Urinary Tract Infections in Gorgan, North of Iran. *Medical Laboratory Journal* 2023;17 (2), 33-38
3. Maryam Shafipour, Hesamaddin Shirzad-Aski, Abdolmajid Mohammadzadeh, Kiarash Ghazvini, Samin Zamani, Pezhman Mahmoodi Koochi, Sayeh Ghaemi, EA Ghaemi. Evaluation of Mutations Related to Streptomycin Resistance in Mycobacterium tuberculosis Clinical Isolates. *Current Microbiology* 2022; 79 (11), 343
4. M Moghadam, EA Ghaemi, H Akbari, H Razavi Nikoo, S Zamani. Mycobacterium avium subsp. paratuberculosis and Hashimoto's thyroiditis: Is MAP the trigger? *Frontiers in Cellular and Infection Microbiology* 2022; 12, 972929
5. S Alinezhad, S Bakhshandehnosrat, AS Baniaghil, S Livani, M Bazouri, M Shafipour, N Behnampour, EA Ghaemi. The Role of Genital Mycoplasmas in Preterm Labor. *Journal of Reproduction & Infertility* 2022; 23 (2), 114
6. Zynab Badeli, Masoud Haghkhah, Ezzat Allah Ghaemi. *Phytochemical Analysis of Garlic Hydroalcoholic Extract and Evaluation of its Anti-bacterial Effect on Enterohemorrhagic Escherichia coli in Vitro and ex Vivo*. *Medical Laboratory Journal* Volume 16, Issue 1 (Jan-Feb 2022), 25-31
7. Ghorban Ali Mahghani, Mohammad Kargar, Ezzat Allah Ghaemi, Farshid Kafilzadeh, Homa Davoodi. *Role of ESAT-6 in pathogenicity of Beijing and non-Beijing Mycobacterium tuberculosis isolates*. *Microbial Pathogenesis*, Volume 162, January 2022, 105366
8. S Zamani, MR Honarvar, N Behnampour, M Sheikhy, M Sedaghat, S Ghaemi, EA Ghaemi. *Decline in TB incidence during the COVID-19 pandemic*. *The International Journal of Tuberculosis and Lung Disease*. Volume 25, Number 12, 1 December 2021, pp. 1043-1044(2)
9. Maryam Shafipour, Hesamaddin Shirzad-Aski, Ezzat Allah Ghaemi, Ahmad Sohrabi, Maya Babaii Kochaksaraei, Masoume Taziki, Somayeh Rahimi, Kiarash Ghazvini & Basireh Baei. *Mycobacterium tuberculosis typing using Allele-specific oligonucleotide multiplex PCR (ASO-PCR) method*. *Current Microbiology* volume 78, pages4009–4013 (2021)
10. Mahnaz Shafaei Fallah, Alireza Mohebbi, Mohammad Yasaghi, Ezzat Allah Ghaemi. *CRISPR-Cas systems in Proteus mirabilis*. *Infection, Genetics and Evolution*. Volume 92, August 2021, 104881
11. Maryam Shafipour, Hesamaddin Shirzad-Aski, Ezzat Allah Ghaemi, Ahmad Sohrabi, Masoumeh Taziki, Maya Babai Kochkaksaraei, Somayeh Rahimi. *Occurrence and risk factors of nontuberculous mycobacteria in tuberculosis-suspected patients in the north of Iran*. *Iranian Journal of Microbiology*. 2021, 13(2): 190-198
12. Maryam Shafipour, Hesamaddin Shirzad-Aski, Maya Babaii Kochaksaraei, Ahmad Sohrabi, Masoumeh Taziki, Ghorban Ali Mahghani, Somaiyeh Rahimi Alang, Ezzat Allah Ghaemi. *The Prevalence of plcD Gene and Evaluation of IS6110 Insertion Status in This Gene in Some Clinical*

Mycobacterium tuberculosis Isolates. Molecular Genetics, Microbiology and Virology. **2021**. 36(2): 111-118

13. Ashkan Seyed Majidi, Hadi Bazzazi, Samin Zamani, **Ezzat Allah Ghaemi**. *Comparison of hspX gene sequence in the Beijing and non-Beijing Mycobacterium tuberculosis*. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases. Volume 21, December **2020**, 100187
14. Ghorban Ali Mahghani, Mohammad Kargar, Farshid Kafilzadeh, Homa Davoodi, **Ezzat Allah Ghaemi**. *Comparison of two molecular diagnostic methods for identifying Beijing genotype of Mycobacterium tuberculosis*. Iranian Journal of Microbiology. **2020**, 12(3): 209-215
15. Mahsa Yazdi, Majid Bouzari, **Ezzat Allah Ghaemi**, Khashayar Shahin. *Isolation, characterization and genomic analysis of a novel bacteriophage VB_EcoS-Golestan infecting multidrug-resistant Escherichia coli isolated from urinary tract infection*. Scientific reports. volume 10, Article number: 7690 (**2020**)
16. Mahmoud Yolmeh, Morteza Khomeiri, **Ezzatollah Ghaemi**. *High-efficiency anti-enterotoxigenic activity of Lactobacillus on staphylococcal enterotoxins biosynthesis*. LWT. Volume 125, May **2020**, 109266
17. Hamideh Mohammadi-Berenjestanaki, Vahid Khori, Hesamaddin Shirzad-Aski, **Ezzat Allah Ghaemi**. *In Vitro Synergistic Effect of Vancomycin and Some Antibacterial Agents Against Clinical Methicillin-Resistant and Sensitive Staphylococcus aureus Isolates*. Microbial Drug Resistance. **2020**.218-226
18. Fahimeh Azadi, Naeme Javid, Hanieh Bagheri and **Ezzat Allah Ghaemi**. *Presence of Silver Resistance Genes is not associated with Minimum Inhibitory Concentration of Silver Nanoparticles against Staphylococcus aureus and Escherichia coli*. Medical Laboratory Journal. Medical Laboratory Journal. **2020**.14(4): 7-12
19. Mahsa Yazdi, Majid Bouzari, **Ezzat Allah Ghaemi**. *Genomic analyses of a novel bacteriophage (VB_PmiS-Isfahan) within Siphoviridae family infecting Proteus mirabilis*. Genomics. 111(6), December **2019**: 1283-1291
20. Maya Babai Kochaksareii, Hami Kaboosi, **Ezzat Allah Ghaemi**. *MIRU-VNTR 15 loci capability in diagnosis of Beijing M. tuberculosis strains in comparison with Real Time PCR*. Cellular and Molecular Biology. **2019**. 65(7):10-14
21. Sajjad Yazdansetad, Ehsan Najari, **Ezzat Allah Ghaemi**, Naemeh Javid, Ali Hashemi, Abdollah Ardebili. *Carbapenem-resistant Acinetobacter baumannii isolates carrying blaOXA genes with upstream ISAbal: First report of a novel OXA subclass from Iran*. Journal of global antimicrobial resistance. **2019**.18:95-99
22. Maya Babai Kochkaksaraei, Hami Kaboosi, **Ezzat Allah Ghaemi**. *Reproducibility of 15-Loci MIRU-VNTR Method in Mycobacterium tuberculosis Genotyping*. Jundishapur Journal of Microbiology. **2019**. e86396
23. Maya Babai Kochkaksaraei, Hami Kaboosi, **Ezzat Allah Ghaemi**. *Genetic Variation of the Mycobacterium tuberculosis in North of Iran; the Golestan Province*. Iranian Red Crescent Medical Journal. **2019**. 21(8):e91553.
24. Maryam Jamalani, Homa Davoodi, **Ezzat Allah Ghaemi**, Ailar Jamalli. *Anti-Adhesive Effect of ZnO Nanoparticles Against Uropathogenic Escherichia coli in Bladder Epithelial Cell Cultures and on fimH Gene Expression*. Jundishapur Journal of Microbiology. **2019**. 12(7). e86885

25. Khatoon Heidari, Hami Kaboosi, Ailar Jamali, **Ezzat Allah Ghaemi**, Fatemeh Peyravii Ghadikolaii. *Prevalence of pathogenic genes CagA and VacA of helicobacter pylori isolated in patients with digestive disorders*. Iran J Med Microbiol. 2019; 13 (1) :80-88
26. Mahmoud Yolmeh, Morteza Khomeiri, Mohammad Ghorbani, **Ezzatollah Ghaemi**, Seyyedeh Sanaz Ramezanzpour. High efficiency pigment production from *Micrococcus roseus* (PTCC 1411) under ultraviolet irradiation. Biocatalysis and Agricultural Biotechnology. Volume 9, January 2017, Pages 156–161
27. M. Saghalli, s. K. Bidoki, a. Jamali, h. Bagheri and **E. A. GHAEMI**. Sub-minimum Inhibitory Concentrations of Zinc Oxide Nanoparticles Reduce the Expression of the Staphylococcus aureus α -Haemolysin. Indian Journal of Pharmaceutical Sciences. November-December 2016. DOI: 10.4172/pharmaceutical-sciences.1000181
28. Mojtaba Raeisi, Rahem Khoshbakht, **Ezzat Allah Ghaemi**, Mahsan Bayani, Mohammad Hashemi, Navisa Sadat Seyedghasemi and Hesamaddin Shirzad-Aski. Antimicrobial Resistance and Virulence-Associated Genes of Campylobacter spp. Isolated from Raw Milk, Fish, Poultry, and Red Meat. Microbial Drug Resistance. February 2017 <https://doi.org/10.1089/mdr.2016.0183>
29. Esmail Abdollahzadeh, Seyed Mahdi Ojagh, Hedayat Hosseini, Gholamreza Irajian, **Ezzat Allah Ghaemi**. Predictive modeling of survival/death of Listeria monocytogenes in liquid media: Bacterial responses to cinnamon essential oil, ZnO nanoparticles, and strain. Food Control. Volume 73, Part B, March 2017, Pages 954–965
30. Shakerimoghaddam A, **Ghaemi EA**, Jamalli A. Zinc oxide nanoparticle reduced biofilm formation and antigen 43 expressions in uropathogenic escherichia coli. Iran J Basic Med Sci 2017; 20:451-456; 10.22038/IJBMS.2017.8589
31. Abdollahzadeh E, Ojagh SM, Hosseini H, **Ghaemi EA**, Irajian G, Heidarlo MN. Antimicrobial resistance of Listeria monocytogenes isolated from seafood and humans in Iran. Microbial Pathogenesis, 10.1016/j.micpath.2016.09.012
32. A Taherirad, R Jahanbakhsh, F Shakeri, S Anvary, **EA Ghaemi**. Staphylococcal Cassette Chromosome mec Types Among Methicillin-Resistant Staphylococcus aureus in Northern Iran. Jundishapur Journal Microbiology. 2016; 9(8):
33. Hamideh Mehri, Roghaye Jahanbakhsh, Fatemeh Shakeri, Abdollah Ardebili, Naser Behnampour, Behnaz Khodabakhshi, **Ezzat Allah Ghaemi**. Investigation of Glycopeptide Susceptibility of Coagulase-Negative Staphylococci (CoNS) From a Tertiary Care Hospital in Gorgan, Northern Iran. Archives of Pediatric Infectious Diseases. 2016. e37264, DOI: [10.5812/pedinfect.37264](https://doi.org/10.5812/pedinfect.37264)
34. Seydeh Atefe Aleaghil, Naeme Javid and **Ezzat Allah Ghaemi*** Esmail Fattahy, Basireh Baei, Mansour Saghali, Hanieh Bagheri. Antibacterial activity of Zinc oxide nanoparticles on Staphylococcus aureus. International Journal of Advanced Biotechnology and Research (IJBR). 2016;7(3): 1569-1575
35. Seydeh Sedigheh Hosseini, Mohammad Hossein Yadegari, Masoumeh Rajabibazl, **Ezzat Allah Ghaemi**. Inhibitory effects of carvacrol on the expression of secreted aspartyl proteinases 1-3 in fluconazole-resistant Candida albicans isolates. IRAN. J. MICROBIOL. Volume 8 Number 6 (December 2016) 401-409
36. Abdollahzadeh E, Ojagh SM, Hosseini H, Irajian G, **Ghaemi EA**. Prevalence and molecular characterization of Listeria spp. and Listeria monocytogenes isolated from fish, shrimp, and cooked ready-to-eat (RTE) aquatic products in Iran. LWT- Food Science and Technology. 2016,73:205-11

37. Koohsari H, **Ghaemi EA**, Mozaffari NA, Moradi A. Association of agr Gene Expression with Staphylococcus Aureus Virulence Genes in BHI Broth. Medical Laboratory Journal.2016;10 (1), 1-6
38. Hasannejad Bibalan M, Shakeri F, Javid N, **Ghaemi EA**. Study the Association of Accessory Gene Regulator Types and Methicillin Resistance/Sensitivity of Staphylococcus aureus Isolated in Gorgan, Iran. Infection, Epidemiology and Medicine. 2016; 2 (2), 1-4
39. Khandan Del A, **Ghaemi EA**, Bakhshande Nosrat S, Ayatollahi AA. Effect of Mupirocin Treatment in Eradication of Staphylococcus aureus Nasal Carriage among Intensive Care Unit Personnel. Medical Laboratory Journal, Mar , Apr 2016; Vol 10: No 10 (2), 14-18
40. H Koohsari · **E A Ghaemi** · M Sadegh Sheshpoli · M Jahedi · M Zahiri. The investigation of antibacterial activity of selected native plants from North of Iran. J Med Life. 2015; 8(Spec Iss 2): 38–42.
41. Pournajaf A, Ardebili A, **Ghaemi EA**, Omidi S, Borhani K, Khodabandeh M, Davarpanah M. Identification of Clinical Methicillin and Mupirocin-resistant Staphylococcus aureus by Multiplex-PCR. Journal of Medical Bacteriology. 2015;3(1-2):52-59
42. Kamarehei F, Rahimi-Alang S, Vaez H, **Ghaemi E**. Prevalence of Panton-valentine gene in Staphylococcus aureus isolated from clinical samples and healthy carriers in Gorgan city, north of Iran. Minerva Biotechnologica.2015; 27 (1), 51-4
43. Davoodi H, Mazandarani M, Shakeri F, Javid SN, klishadi M, Jahanpour S, **Ghaemi E**. Asian Journal of Advanced Basic Sciences.2015; 3 (1), 228-232
44. Bagheri H, Najafi F, Behnampour N, **Ghaemi EA**. Frequency of Multi-Drug Resistance (MDR) in Gram Negative Bacteria from Urinary Infection in Gorgan, 2011-12. Medical Laboratory Journal. 2015; 8 (4), 95-102
45. Zahiri M, Koohsari H, **Ghaemi EA**, Sadegh Sheshpoli M, Jahedi M. The investigation of antibacterial activity of selected native plants from North of iran. Journal of life and Sciences. 2015; 8 (special issue 2), 38-42
46. Davoodi H, **Ghaemi E**, Mazandarani M, Shakeri F. Anti-mycobacterial and anti-inflammatory activity of Peganum harmala. Journal of Chemical and Pharmaceutical Research. 2015; 7 (4), 1611-1616
47. Jahanpour S, Ghazisaidi K, Davoodi H, Mazandarani M, Samet M, Jahanpour N, **Ghaemi EA**. Antimicrobial Effects of Folk Medicinal Plants From the North of Iran Against Mycobacterium tuberculosis. Arch Pediatr Infect Dis. 2015;3(1 TB):e18098
48. Shafipour M., Ghane M., Rahimi alang S., Livani S. **Ghaemi E**. The Comparison of Biochemical and Sequencing 16S rDNA Gene Methods to Identify Nontuberculous Mycobacteria. Archives of Razi Institute. 2014; 69 (2), 137-142
49. Hasannejad bibalan M, javid N, Shakeri F, **Ghaemi EA**. The relation between accessory gene regulator (agr) types of S.aureus and some phenotypic criteria. Arak University of Medical Sciences Journal. 2014,17 (6), 1-8
50. Azimi M, Moghadam SH, Jouybari L, Bahnampour N, **Ghaemi EA**, Hesam M, Bazori M, Sanagoo A. The Oropharyngeal Bacterial Colonization of Patients with Endotracheal Tube. Medical Laboratory Journal. 2014; 8 (2), 93-97
51. Dadgar T, **Ghaemi E**, Bahador N, Imani Fooladi A, Kamareie F. Detection of Staphylococcus Aureus Enterotoxin Genes A-E. Medical Laboratory Journal. 2014; 7 (5), 1-8
52. **Ghaemi EA**, Livani S. [A review on environmental mycobacteria in Iran]. Medical Laboratory Journal. 2014;8 (3), 120-134

53. Ghaemi EA, Hasannejad Bibalan M, Javid N, Samet M, Shakeri F. [Biofilm Formation in Staphylococcus Aureus and its Relation to Phenotypic and Genotypic Criteria]. *Medical Laboratory Journal*. 2014; 8 (3), 1-7
54. Ghaemi EA, Bagheri H, Najafi F, Behnampour N. [Frequency of Multi-Drug Resistance (MDR) in Gram Negative Bacteria from Urinary Infection in Gorgan, 2011-12]. *Medical Laboratory Journal*. 2014; 8 (4), 95-102
55. Samet M, Hassan Nejad M, Jamali A, Ghaemi EA. Prevalence of different virulence factors and biofilm production ability of urinary Escherichia coli isolates. *International Journal of Biological & Medical Research*. 2014; 5 (4), 4546-4549
56. Ghaemi EA, Shakeri F. New Spa Types among MRSA and MSSA Isolates in North of Iran. *Advances in Microbiology*. 2014; 4 (13), 899-905
57. Shakeri F, Ghaemi EA, Kochkaksaraei MB. Staphylococcus aureus Typing by Digestion of Protein A Coding Gene Using Bsp143I. *Jundishapur J Microbiol*. 2014; 7 (8), e10320
58. Bibalan MH, Shakeri F, Javid N, Ghaemi A, Ghaemi EA. Accessory Gene Regulator Types of Staphylococcus aureus Isolated in Gorgan, North of Iran. *Journal of Clinical and Diagnostic Research*. 2014; 8 (4), DC07-09
59. Bakhshande-Nosrat S, Ghaemi EA, Ahmadi A, Behnampour N, Marjani A, Mansourian AR. Maternal serum copper concentration in premature rupture of membrane: a case-control study. *Journal of Biological Sciences*. 2014; 14 (1), 73-76
60. Ghasemi-Kebria F, Ghaemi E, Azadfar S, Roshandel G. Epidemiology of Helicobacter pylori infection among Iranian children. *Arab Journal of Gastroenterology*. 2013; 14 (4), 169-172
61. Koohsari H, Ghaemi EA, S Poli MS. Evaluation of antibacterial activity of Lemon verbena (*Lippiacitriodora*) leaves. *Annals of Biological Research*. 2013; 4 (10), 52-55
62. Shakeri F, Mansourian AR, Ghaem EA. Staphylococcus aureus protein A gene typing by PCR-RFLP. *African Journal of Microbiology Research*. 2013; 7 (27), 3448-3452
63. Peyravii F, Kasra-Kermanshahi R, Ataee RA; Akhavan Sepahi A, Ghaemi EA. Molecular frequency of enterotoxigenic Staphylococcus aureus among different isolated of food products. *HealthMed*. 2013; 7 (7)
64. Kamarehei F, Ghaemi EA, Dadgar T. Prevalence of enterotoxin A and B genes in Staphylococcus aureus isolated from clinical samples and healthy carriers in Gorgan City, North of Iran. *Indian Journal of Pathology and Microbiology*. 2013; 56 (3), 265
65. Amini A, Ayatollahi AA, Ghaemi EA, Rahimi-Alang S, Koohsar F, Kazemi R, Kouhsari E and Roustaei M. Comparison of Ferment Sugars, Produce Hemolysis and Measuring Growth in Methicillin-Resistant and Methicillin- Sensitive Staphylococcus aureus Isolates from Inpatients and Healthcare Workers in Gorgan Hospitals, North of Iran. *Biosciences Biotechnology Research Asia*. 2013; 10 (1), 77-84
66. Samet M, Ghaemi E, Jahanpur S, Jamalli A. Evaluation of biofilm-forming capabilities of urinary Escherichia coli isolates in microtiter plate using two different culture media. *International Journal of Molecular and Clinical Microbiology*. 2013; 3 (1), 244-247
67. Shafipour M, Ghane M, Rahimi-alang S, Ghaemi EA. Non tuberculosis Mycobacteria isolated from tuberculosis patients in Golestan province, North of Iran. *Annals of Biological Research*. 2013; 4 (12), 133-137

68. Zarghami Moghaddam P, Mazandrani M, Zolfaghari M R, Badeleh MT and **Ghaemi EA**. Antibacterial and antioxidant activities of root extract of *Onosma dichroanthum* Boiss. in north of Iran. *African Journal of Microbiology Research*. 2012; 6(8): 1776-1781
69. Mazandarani M., Zarghami Moghaddam P, Zolfaghari M.R., **Ghaemi EA**. and Bayat H. Effects of solvent type on phenolics and flavonoids content and antioxidant activities in *Onosma dichroanthum* Boiss. *Journal of Medicinal Plants Research*. 2012,28(6): 481-488
70. **Ghaemi E A** Babaii Kochaksaraii M , Nasrolahi Omran A , Javid N , Shakeri F , Yazdi M. [Extended spectrum beta lactamase producing *E.coli* isolated from Gorgan, North of Iran]. *Medical Laboratory Journal*. 2012; 6(1): 51-58
71. Naeme Javid, Teena Dadgar, Behnaz Khodabakhshi, Masoud Bazouri, Mehdi Sedaghat, Sepideh Bakhshandeh-nosrat, Somayeh Rahimi, **Ghaemi EA**. Seroepidemiology of anti-leptospira antibody in Golestan province, north of Iran. *International Journal of Molecular and Clinical Microbiology*. 2012, 2(2): 124-127
72. Ghasemi Kebria F, Bagheri H, Semnani S, **Ghaemi E**. Seroprevalence of anti-Hp and anti-CagA antibodies among healthy persons in Golestan province, northeast of Iran. *Caspian Journal of Internal Medicine*, 2011. 2(3): 256-60
73. Rahimi Alang S, Amini A, Cheraghali F, Tabbaraei Alijan, **Ghaemi EA** . The frequency MRSA carriers in health care workers in Gorgan, north of Iran. *Health Medical Journal*. 2011; 5(6)1885-92
74. Mazandrani M, Zarghami Moghaddam P, Baiat H, Zolfaghari M R, **Ghaemi EA**, Hemati H. Antioxidant activity, phenol, flavonoid and anthocyanin contents in various extracts of *Onosma dichroanthum* Boiss. in north of Iran. *Iranian Journal of Plant Physiology*. 2011;1(3): 169-176
75. **Ghaemi EA**, Mazandrani M, Mansourian AR, Babaii Kochaksaraii M. Antimycobacterial activity of some medicinal plants used in traditional medicine in north of Iran. *Inter conf life science and Technology*. 2011
76. Babaii Kochaksaraii M, Ziaei N , Livani S, **Ghaemi EA**. *Campylobacter* diarrhea in children in north of Iran. *Inter conf life science and Technology*. 2011
77. Zarghami Moghaddam P, Zolfaghari M R, **Ghaemi EA**, Mazandrani M, Mansourian A R, Taheri S A. Negative Performance of Root Extract of *Onosma dichroanthum* Boiss. on the Burn Wound Healing in an Animal Model. *Archives of Clinical Microbiology*. 2011. 2(5): 1-7
78. Mansourian AR and **Ghaemi EA**. The Prevalence of Elevated Carcinoembryonic Antigen at Gorgan South- East Caspian Sea of Northern Iran. *Journal of Clinical and Diagnostic Research*, 2011; 5(1): 74-77
79. Vaez H, Tabaraei A, Moradi A and **Ghaemi EA**. Evaluation of methicillin resistance *Staphylococcus aureus* isolated from patients in Golestan province-north of Iran. *African Journal of Microbiology Research*. 2011; 5(4); 432-436
80. Bakhshandeh nosrat S, Azarhoosh R, Brghei A, Sedaghati M, Besharet S and **Ghaemi E**. Level of lactate dehydrogenase , homocystein , hemoglobin and platelet in preeclampsia. *Pakistan J medical Sciences*. 2011; 27(5): 1014
81. Bazzazi H, **Ghaemi EA**, Ramezani MA. The seroepidemiology of the chronic infections in patients with myocardial infarction in North of Iran. *JRMS*. 2010; 15(2): 116-119

82. Shakeri F, Shojai A, Golalipour M, Rahimi Alang S, Vaez H, and **Ghaemi EA**. Spa Diversity among MRSA and MSSA Strains of Staphylococcus aureus in North of Iran. *International Journal of Microbiology*. 2010
83. Ghazimoghadam B, **Ghaemi E**, Behnampour N, Galinmoghadam N. Does C-reactive protein have a value in early detection of infection after extracorporeal shock wave lithotripsy? *Electronic Physician*. 2010, 2(2): 60-65
84. Mansourian AR, Ahmadi AR, Mansourian HR, Saifi A, Marjani A, Veghari GR, **Ghaemi E**. Maternal Thyroid Stimulating Hormone Levels During The First Trimester Of Pregnancy At The South-East Of The Caspian Sea In Iran. *Journal of Clinical and Diagnostic Research*. 2010 June; (4): 2472-77
85. Bagheri H, Behnampour N, **Ghaemi E**. The frequency of Anti-Cytotoxin associated Gene A (CagA) antibody in Golestan province of Iran. *Journal of Gorgan University of Medical Sciences*. 2010;12 (3), 74-78
86. Kiaei E, Mazandarani M, **Ghaemi E**. Antibacterial activity of 7 species of medicinal plants on bacteria isolated from UTI patients in golestan province. *Journal of medicinal plants*. 2010; 2 (34), 74-83
87. Vaez H, Ghazi Saeidi K, Moradi A, Tabaraei A, Khodabakhshi B, Bazouri M, Golriz N, **Ghaemi EA**. Antibiotic resistance pattern of methicillin resistant Staphylococcus aureus isolated from Health-educational centers of Gorgan, Iran, 2008-2009. *Iranian Journal of Medical Microbiology*. 2010; 3 (4), 31-36
88. **Ghaemi EO**, Mansourian AR, Ahmadi AR, Saeidi M, Moradi A, Behnampour N. Seroprevalence of Streptococcus, Brucella and Salmonella infection in mental retarded children in Iran. *Research Journal of Microbiology*. 2010; 5 (10), 1063-1066
89. Ghasemi Kebria F, Khodabakhshi B, Kouhsari H and **Ghaemi EA**. Yersinia Enterocolitica in Cases of Diarrhea in Gorgan, Northern Iran. *Medical Laboratory Journal*. 2010;4(1): 26-33
90. Morad i A, Shahmoradi M, **Ghaemi E**, Sadegh-Sheshpoli M, Bazori M. Broad spectrum antibacterial activity of peracetic acid (Percidin). *Zahedan Journal of Research in Medical Sciences*. 2009; 11 (1), 39-48
91. Ghasemi-Kebria F, Asmar M, Angizeh AH, Behnam-Pour N, Bazouri M, Tazike E, **Ghaemi EO**. Seroepidemiology and determination of age trend of Helicobacter pylori contamination in Golestan province in 2008. *Govaresh*. 2009; 14 (3), 143-147
92. Golalipour MJ, Khodabakhshi B and **Ghaemi E**. Possible role of TORCH agents in congenital malformations in Gorgan, northern Islamic Republic of Iran. *Eastern Mediterranean Health Journal*. 2009, 15(2): 330-36
93. Javid N, **Ghaemi E**, Amirmozaffari, Rafiee S. Detection of Isoniazid and Rifampin Resistant Strain of Mycobacterium Tuberculosis Isolated from patients in Golestan province (North of Iran). *Medical Laboratory Journal*. 2009; 3(1): 1-8
94. Mazandarani M, **Ghaemi EA**, Ghaffari F. Antibacterial survey of different extracts of Peganum harmala L. different parts in North east of Golestan province (Inche Borun). *JOURNAL OF PLANT SCIENCE RESEARCH*. 2009; 4 (3), 27-38
95. Moradi A, Khodabakhshi B, **Ghaemi EA**, Mansourian AR and Sarikhani A. The response rate to hepatitis B vaccine in under one-year children in Gorgan, Iran. *Journal of Gorgan University of Medical Sciences*. 2008; 10 (2), 50-53

96. Moradi A, Kazeminejhad V, Roshandel G, Kalavi K, **Ghaemi EO**, Semnani S. Trauma treating traumatic facial nerve paralysis: Truth or coincidence? *Indian J Med Sci.* 2008; 62(5):207-8
97. Moradi A, Kazeminejhad V, Roshandel G, Kalavi K, **Ghaemi EO**, Semnani S. Hepatitis B virus genotypes in Iran. *Indian journal of medical sciences.* 2008; 62 (5), 204
98. Marjani A, Mansourian AR, **Ghaemi E**, Ahmadi A, Khori V. Lipid peroxidation in the serum of hypothyroid patients (In Gorgan-South East of Caspian Sea). *Asian Journal of Cell Biology.* 2008,3(1): 47-50
99. Mansourian AR, **Ghaemi EO**, Ahmadi AR, Marjani A, Saifi A, Bakhshandehnosrat S. Serum lipid level alterations in subclinical hypothyroid patients in Gorgan (South East of Caspian Sea). *Journal of Chinese Clinical Medicine.* 2008; 3(4): 206-210
100. Moradi A, Mansourian AR, Ahmadi AR, **Ghaemi E**, Kalavi K, Marjani A, Sanei Moghaddam E. Prevalence of HTLV-1 antibody among major thalassemic patients in Gorgan (South East of Caspian Sea). *Journal of Applied Sciences.* 2008; 8(2): 391-393
101. Joshaghani HR, **Ghaemi EO**, Niknejad F, Tavilani H. Diagnostic value of serum Adenosine deaminase and its isoenzymes in the diagnosis of pulmonary tuberculosis. *Journal of Gorgan University of Medical Sciences.* 2008; 9 (4), 41-46
102. Bagheri H, **Ghaemi E**, Aslani MM, Amir Mozafar N. The Prevalence of Enteroaggregative *Escherichia coli* in cases of Diarrhea in Gorgan, IRAN. *Medical Laboratory Journal.* 2008; 2 (1), 8-14
103. Besharat M, Rahimian M, Besharat S, **Ghaemi E**. Antibacterial effects of *Adiantum-veneris* ethanolic extracts on three pathogenic bacteria in vitro. *J of Clinical and Diagnostic Research. JCDR.* nov2008
104. Kiaei E, Mazandarani M, Aroodi M, **Ghaemi E**. Antibacterial activity evaluation of *Plantago major* extracts. *Quarterly j on Plant Sciences Research.* 2008;9(1):6-12
105. Behmanesh B, Heshmati GA, Mazandarani M, Rezaei MB, Ahmadi AR, **Ghaemi E**, Bakhshandeh Nosrat S. Chemical Composition and Antibacterial Activity from Essential Oil of *Artemisia sieberi* Besser Subsp. *sieberi* in North of Iran. *Asian J of Plant Sciences.* 2007,6(3):562-4
106. Mansourian AR, Saifi A, Vakili MA, Marjani A, **Ghaemi E**, Moradi A, Ahmadi AR. Prescribing antibiotics by general and specialist Physicians: A Pharmacist Administrated Survey. *J Med Sciences.* 2007.7(3):427-31
107. Mansourian AR, Saifi A, Marjani A, **Ghaemi E**, Moradi A, Vakili MA. Acute Poisoning by drug and pesticide. *J of Biological Sciences.* 2007 .7(2):454-6
108. Eris S, **Ghaemi EO**, Moradi A, Mansourian AR, Rabiei MR, Bakhshandeh Nosrat S. Aphthous ulcer and effective factors on its incidence among the students of Golestan university of Medical Sciences in North of Iran. *J of Biological Sciences .* 2007 , 7(5): 830-32
109. Mazandarani M, Yassaghi S, Rezaei MB, Mansourian AR, **Ghaemi E**. Ethnobotany and antibacterial activities of two Endemic Species of *Hypericum* in north of Iran. *Asian J of Plant Sciences.* 2007,6(2):354-8
110. **Ghaemi EO**, Moradi A, Mansourian AR, Ghadirzadeh A, Behnampoor N, Bakhshandeh Nosrat S. Epidemiological study of Herpes Labialis among the students of Golestan University of Medical Sciences in North, Iran . *Trends in Medical Research* 2(1), 2007:57-60
111. Mansourian AR, **Ghaemi EO**, Ahmadi AR, Saifi A, Moradi AV, Bakhshandeh-Nosrat S. A survey of urinary Iodine concentration in South-East of Caspian sea in north of Iran. *Pakistan J Biological Sciences.* 2007 ,10(13):2166-2171

112. Mansourian AR, **Ghaemi EO**, Ahmadi AR, Marjani A, Moradi A, Saifi A. Age related prostate specific Antigen reference rang among Men in South East of Caspian Sea. *Pakistan J Biological Sciences*.2007 ,10(9): 1496-1500
113. **Ghaemi EO**, Aslani MM, Moradi AV, Dadgar T, Livani S, Mansourian AR, Nosrat SB, Ahmadi AR. Epidemiology of Shigella-associated diarrhea in Gorgan, north of Iran. *Saudi J Gastroenterol* 2007;13:129-32
114. **Ghaemi EO**, Khorshidi D, Moradi A, Seifi A, Mazanderani M, Bazouri M, Mansourian AR. The efficacy of ethanolic extract of Lemon verbena on the skin infection due to *Staphylococcus aureus* in an animal model. *Pakistan J Biological Sciences*.2007 ,10(22): 4132-4135
115. Mazandarani M, **Ghaemi E**, Baiat H. Antimycobacterium ethnopharmacological survey of medicinal plants used in traditional treatment of Tuberculosis and respiratory infection in north of Iran. *J on Plants Science Researches*. 2007, 1(5): 1-6
116. Moradi A, Kalavi K, Qujeq D, **Ghaemi EO**, Marjani A, Ghourchaei A. Risk factors associated with esophageal cancer in North of Iran. *Saudi Med J*. 2007 Jul;28(7):1141-3
117. Bakhshandeh–Nosrat S, Ghazisaidi K, **Ghaemi EO**, Fatemi Nasab F, Mohamadi M. The etiological agents of mastitis in lactating women in Iran. *MEJFM*.2007;5(4/5): 21-23
118. **Ghaemi EO**, Ghazesaeedi K, Nasab FF, Hashemzade Z, Vatani S, Mohamedi M, Mansourian AR. Mycobacterium marinum Infection in Caviar Fishes and Fisherman`s in a Caspian Sea Province in North of Iran. *Journal of Biological Sciences*.2006.6(6)
119. **Ghaemi E**, Ghazisaidi K, Koohsari H, Khodabakhshi B and Mansoorian AR. Environmental mycobacteria in areas of high and low tuberculosis prevalence in the Islamic Republic of Iran. *East Mediterranean Health J*. 2006 May-Jul;12(3-4):280-5
120. **Ghaemi E**, Mansourianzad AR, Ahmadi AR, Saeidi M, Moradi A and Behnampour N. Seroprevalence of Strptococcus,Brucella and Salmoella infection in Mental Retarded children in Iran. *Research J Microbiology*. 2006. 1(4):371-74
121. Dadgar T, Asmar M, Saifi A, Mazandarani M, Bayat H, Moradi A, Bazueri, M, **Ghaemi E**. Antibacterial Activity of Certain Iranian Medicinal Plants against Methicillin-Resistant and Sensitive *Staphylococcus aureus*. *Asian Journal of Plant Sciences*.2006,5(5):
122. Mazandrani M, **Ghaemi E**. Ethnobotany ,chemical composition and antibacterial activity of the essential oil from *Achilla micrata* L. in Golestan Province. *Quarterly Journal of Plant science Researches*.2006,1(3).53-60
123. **E.Ghaemei**, MA.Vakili B.Khodabakhshi , S.Bakhshandehnosrat S.Aghapour, M.Naeimeh-Tabiei , A.Tabraei. [Tuberculin reaction in 4.5 months babies and 7 years old children, vaccinated with BCG at birth. *J Gorgan Uni Med Sci*] 2004, 6(2): 26-31
124. Koohsar F, **Ghaemi E**, Behnampour N, Saeidi M, Abri R, Ahmadi A,Bazour M. Prevalence of enteric parasites in primary school students in Aliabad city in 2002. 2004; 9(1): 48-54
125. Fazeli MR, Ghaemi E, Tabarraei A, Kaplan EL, Johnson DR, Vakili MA, Khodabakhshi B. Group A Streptococcal serotypes isolated from healthy schoolchildren in Iran. *Eur J Clin Microbiol and Infect Dis*. 2003 Aug; 22(8):475-8.
126. Bakhshandehnosrat S, **Ghaemi E**, Behnampour N, Rezayayi M. Determining the etiological agents in vaginal infections in women referring to Dezyani Women Hospital in Gorgan. *Journal Of Sabzevar University Of Medical Sciences*. 2003; 10 (329), 58-65

127. **Ghaemi E**, Ghazisaidei K. The role of cell wall in growth rate of Mycobacterium Tuberculosis. *Journal of Gorgan University of Medical Sciences*. 2002; 4 (2), 66-76
128. **Ghaemi E**, Ghazisaidei K, Kohsarei H, Kohsar F, Behnampour N. The comparison of environmental Mycobacteriums in the regions with high and low prevalency of TB in Golestan province. *Journal of Gorgan University of Medical Sciences*. 2002; 4 (2), 48-53
129. Saeedi M, **Ghaemi E**, Mofidi SMH, Kohsar F, Behnampour N. The prevalence of Toxoplasma antibodies in women during marriage consultation in Gorgan. *Journal of Gorgan University of Medical Sciences*. 2002;4(1):64-71
130. Moradi A, Villiers EM, Mokhtari-Azad T, Mahmoudi M, Hazrati B, **Ghaemi EE**, Nategh R. Detection of human papillomavirus DNA by PCR in Esophageal squamous cell carcinoma from Turkmen sahra Northeast of Iran. *Iranian Biomedical Journal*. 2002;6(1): 19-23
131. Mobsheri E, Tabbraei A, **Ghaemei E**, Mojerloo M, Vakili M. Distribution of asymptomatic bacteriuria in pregnant women referring to Dezyani Hospital in Gorgan. *J Gorgan Uni Med Sci*. 2002; 4 (1), 42-46
132. **Ghaemi EA**, Fazeli M R, Tabaraei A.J, Vakili Ma. The prevalence of pneumococci throat carrier in healthy school children in gorgan. *The Journal Of Urmia University Of Medical Scinces*. 2002;13(1): 16-24
133. Ghazi-Moghaddam B, **Ghaemi E**, Vakili MA, Salahi R, Babaei M, Mansourian AR. [Antibiotical resistance in the isolated bacterial factors from urinary tract infection in Gorgan]. *The Iranian Journal of Urology*. 2002; 9 (35), 29-34
134. Khodabakhshi ., Heydari ., Fazeli MR, **Ghaemi E**, Sadeghkarimi M. Epidemiologic study of clinical and para-clinical manifestations of cholera patients and report of uncommon manifestations of it during the epidemic episode in gorgan (1998). *JOURNAL OF GORGAN UNIVERSITY OF MEDICAL SCIENCES*. 2001-2002 , 3(8); 43- 46.
135. Tabbarai A, **Ghaemi E**, Fazeli MR, Behnampour N. Prevalence of Staphylococci aureus nasal carrier in healthy school students in Gorgan. *Journal of Gorgan University of Medical Sciences*. 2001; 3 (2), 6-11
136. **Ghaemi E**, Abdilmohammadi L, Mansourian AR, Behnampour N. Clinical and paraclinical findings in 100 suspicious Meningitis patients. *Journal of Gorgan University of Medical Sciences*. 2001; 3 (1), 17-23
137. Pourmand M. R.; Ghazi Saeedi, K.; Pourmand G.; **Ghaemi E**. The prevalence of infected stones in the urinary tract and their relationship to urease positive bacteria. *Journal of nephrology urology and transplantation*. 2000,1(1): 5-8
138. **Ghaemi E** and Ghazi Saeid K. [The effect of Ethanol on growth M.tuberculosis. *Iranian Journal of Infectious Diseases and Tropical Medicine (IJIDTM)*]. 1999 vol 10
139. **Ghaemi E**. The effect of different concentration of Streptomycin on growth enhancement of Mycobacterium Tuberculosis. *Journal of Gorgan University of Medical Sciences*. 1999; 1 (2), 11-20
140. **Ghaemi E** and Ghazi Saeid K. [The comparative study of Gardnerella Vaginalis in healthy women and in patients with bacterial vaginosis]. *Tehran faculty of Medical Sciences*. 1994; 51 (1), 74-79
141. [Ghazi Saeid K and **Ghaemi E**. Bacterial Vaginosis. *Nabz*. 1993,1(11)]

۱. بررسی حضور *Akkermansia muciniphila* در شیر مادر و ریزپوشانی آن در نانوسولز باکتریایی جهت افزودن به یک سیستم غذایی. سیما طاهری، دکتری میکروب شناسی مواد غذایی، دانشگاه علوم کشاورزی و منابع طبیعی گرگان، ۱۴۰۲، مصوب در حال اجرا- راهنما
۲. بررسی تغییرات بار میکروبی *آکرمینسیا موسینیفیل* در مدفوع زنان در طول بارداری و ارتباط آن با وجود این باکتری در خون و شیر مادر و نیز سطح بتائین شیر مادر. فاطمه حجازی نیا، دکتری میکروب شناسی، دانشگاه آزاد اسلامی ۱۴۰۲- مصوب و در حال اجرا- راهنما
۳. بررسی اثر پریبیوتیک های مختلف بر بار میکروبی *آکرمینسیا موسینیفیل* در روده موش های آزمایشگاهی. سحر نصرتی، ارشد باکتری شناسی پزشکی، دانشگاه علوم پزشکی گلستان- ۱۴۰۲ **خاتمه یافته**- راهنما
۴. بررسی ژنوتیپی محور مقاومت به ریفامپین در سویه های مایکوباکتریوم توبرکلوزیس و مایکوباکتریوم بوویس. مریم شفیق پور، دکتری میکروب شناسی، دانشگاه بوعلی سینا همدان، ۱۴۰۰- مصوب- در حال اجرا
۵. بررسی اثر ضد باکتریایی و ضد بیوفیلمی نانوذره کورکومین بر سویه استاندارد لاکتوباسیلوس کازنی و لاکتوباسیلوس اسیدوفیلوس؛ یک مطالعه در شرایط آزمایشگاهی. امیر حسین رجب نیا، داندانپزشکی، دانشگاه علوم پزشکی گلستان ۱۴۰۰ **خاتمه یافته**
۶. بررسی اثر ضد باکتریایی و ضد بیوفیلمی نانوذره کورکومین بر سویه استاندارد استرپتوکوکوس موتانس؛ یک مطالعه در شرایط آزمایشگاهی. دلارام عابدی فیروزجلانی، داندانپزشکی، دانشگاه علوم پزشکی گلستان ۱۴۰۰ **خاتمه یافته**
۷. بررسی اثر همزمان LED209 و عصاره سیر بر بیان ژن های تحت کنترل سنسور کینازی QseC در اشرشیا کولی انتروهموراژیک. زینب بادل، دکتری میکروب شناسی دامپزشکی، دانشگاه شیراز، ۱۴۰۰ **خاتمه یافته**

۱. بررسی فراوانی گونه های کمپلوباکتر در گاو های شهرستان گرگان با روش واکنش زنجیره ای پلیمرز چندگانه در سال ۱۴۰۰. علی باهوش، ارشد باکتری شناسی، دانشگاه علوم پزشکی گلستان. در حال اجرا
۲. بررسی الگوی حساسیت آنتی بیوتیکی، تولید بیوفیلیم و حضور ژن های مرتبط با بیوفیلیم در ایزوله های کلینیکی اسپینتوباکتر بومانی جمع آوری شده از شهر گرگان. معصومه تنهانی، ارشد باکتری شناسی، دانشگاه علوم پزشکی گلستان. در حال اجرا
۳. ارزیابی نسبی بار میکروبی فکالی باکتریوم پراسنیتزی در نمونه های مخاط روده بیماران مبتلا به ضایعات سرطانی و پیش سرطانی کولورکتال در مقایسه با افراد کنترل. فاطمه طهرانی، ارشد باکتری شناسی، دانشگاه علوم پزشکی گلستان. در حال اجرا

۴. ارزیابی کمی انتروکوکوس فکالیس در بیماران مبتلا به ضایعات سرطانی و پیش سرطانی روده بزرگ در مقایسه با افراد کنترل. نیلوفر بوستانی، ارشد باکتری شناسی، دانشگاه علوم پزشکی گلستان. **خاتمه یافته**

پروژه های غیر پایان نامه ای

بررسی فاکتور های بیماری زا بی استافیلوکوکوس ساپروفیتیکوس جدا شده از عفونت ادراری شهر گرگان. پروژه مصوب- **خاتمه یافته** و چاپ مقاله- ۱۴۰۲

بررسی رابطه سل و COVID19 در استان گلستان طی سال های ۹۸ الی ۱۴۰۰. پروژه مصوب- **خاتمه یافته** و چاپ مقاله- ۱۴۰۱

جدا سازی و تعیین ویژگی های مورفولوژی و ژنومی باکتریوفاژ های لیتیک علیه استافیلوکوکوس ساپروفیتیکوس های جدا شده از عفونت ادراری بیمارستان های شهر گرگان. پروژه مصوب- **خاتمه یافته** و چاپ مقاله- ۱۴۰۰

بررسی فراوانی بیماران مبتلا به تیروئیدیت هاشیماتو در جمعیت مبتلا به کم کاری تیروئید مراجعه کننده به مراکز درمانی و تشخیصی سطح شهر گرگان در سال ۱۳۹۸. پروژه مصوب- **خاتمه یافته** و چاپ مقاله- ۱۴۰۰

بررسی همزمانی پاسخ ایمنی هومورال به مایکوباکتریوم آویوم زیر گونه پاراتوبرکلوزیس با پروفایل لیپیدی سرم بیماران مبتلا به تیروئیدیت هاشیماتو. پروژه مصوب- **خاتمه یافته** و چاپ مقاله- ۱۴۰۰

همکاری با مراکز تحقیقاتی

۱. عضو شورای پژوهش دانشگاه

۲. عضو شورای پژوهشی مرکز تحقیقات عفونی

کنگره

۱. کنگره هیرکانیان، ۱۴۰۱

۲. کنگره هیرکانیان، ۱۴۰۰