

Curriculum Vitae



➤ Personal Information

First Name:Ali

Last Name: Javadi

Birth: 1979-10-23

Academic Status: Assistant Professor

Email Address : alijavadi1388@gmail.com

➤ Academic Education

Ph.D. in Clinical Bacteriology; 2015 – 2021

Thesis Title: Evaluation of Resistance Genes Pools and Bioactive Metabolites in *Nocardia* Species, isolated from Clinical and Environmental Samples

M.Sc. in Clinical Microbiology; 2009 – 2012.

Thesis Title: The effect of Gold Nanoparticles(GNP) on the activity of conventional antibiotics against *Helicobacter pylori* isolates ,using gradient plates

B.Sc. in Microbiology; 1998- 2002.

➤ Summary of Honors

- Top selected researcher in the Qom branch, Islamic Azad University (2013)
- Top selected researcher in the Qom branch, Islamic Azad University (2015)
- Top selected researcher in the Qom branch, Islamic Azad University(2020)
- Top selected researcher in Qom province (2017)

➤ Current Position

- Assistant Professor of clinical Bacteriology & Member of medicine department of Qom branch, Islamic Azad University.

➤ Teaching Experiences

Teaching in clinical Bacteriology courses, Faculty of medicine, Qom branch, Islamic Azad University

➤ Publications:

A) Journal Papers

1. Khodadadian R, Rahdar HA, **Javadi A**, Safari M, Khorshidi A. Detection of VIM-1 and IMP-1 genes in *Klebsiella pneumoniae* and relationship with biofilm formation. Microbial pathogenesis. 2018 Feb 1;115:25-30.
2. Rad MR, Kazemian H, Yazdani F, Monfared MR, Rahdar H, **Javadi A**, Kodori M. Antibacterial activity of gold nanoparticles conjugated by aminoglycosides against *A. baumannii* isolates from burn patients. Recent patents on anti-infective drug discovery. 2018 Nov 1;13(3):256-64.
3. Mimarian M, Toolabi A, **Javadi A**, Narges K, Jalalkamali B. Evaluating the Anti Microbial Effects of the Extract from 3 Plants (Thyme, Pennyroyal, Savory) On Spore Growth, Spore Elimination and Growth of *Bacillus Cereus*. International Journal of Research in Chemistry and Environment. 2012;2(3):186-90.
4. Sharifi Y, Pourbabaei AA, **Javadi A**, Abdolmohammad MH, Saffari M, Morovvati A. Biodegradation of glyphosate herbicide by *Salinicoccus* spp isolated from Qom Hoze-soltan lake, Iran. Environmental Health Engineering and Management Journal. 2015 Mar 6;2(1):31-6.
5. Sharifi Y, Abedzadeh A, Salighe A, Kalhor N, Motlagh MK, **Javadi A**. Antibiotics and Heavy Metals Resistance Patterns of *Enterococcus Faecalis* and *Faecium* Bacteria Isolated from the Human and the Livestock Sources. Environmental Health Engineering and Management Journal. 2015 Dec 25;2(4):199-202.

6. **Javadi A**, Pourmand MR, Hamed J, Eshraghi SS. Diversity of Nocardia species isolated from transplantation and cancer centers of Tehran hospitals. Journal of Acute Disease. 2020 Jan 9(6):255-9.
7. Fateh R, **Javadi A**, Kardan-Yamch J, Rahdar HA, Amini M, Ghasemi F, Azimi A, Davarpanah M, Mohammadzadeh R. Construction of metronidazole capped in gold nanoparticles against Helicobacter pylori: antimicrobial activity improvement. Folia Medica. 2021 Apr 30;63:197.
8. Bakhtiari R, **Javadi A**, Aminzadeh M, Molaee-Aghaee E, Shaffaghat Z. Association between Presence of RmpA, MrkA and MrkD Genes and Antibiotic Resistance in Clinical Klebsiella pneumoniae Iso-lates from Hospitals in Tehran, Iran. Iranian Journal of Public Health. 2021 Apr 30;50(5):1009-16.
9. **Javadi A**, Pourmand MR, Hamed J, Gharebaghi F, Baseri Z, Rahdar HA, Morovvati A, Mohammadzadeh R, Eshraghi SS. Production and Characterization of Biosurfactant by Nocardia Species Isolated Form Soil Samples in Tehran. Tenside Surfactants Detergents. 2021 Jan 1;58(1):74-80.
10. **Javadi A**, Pourmand MR, Hamed J, Gharebaghi F, Baseri Z, Morovvati A, Mohammadzadeh R, Eshraghi SS, Evaluation of anti-biofilm potential of biosurfactant extracted form an Nocardia species. Folia Medica. 2021: 63(3):392-9.
11. Zargar M, **Javadi A**. The Phenotype Frequency of Broad-Spectrum Beta-Lactamase-Producing Escherichia coli in Elderly Women with Urinary Tract Infection in Qom City (Iran). Qom University of Medical Sciences Journal. 2017 Sep 10;11(7):84-9.
12. Rezaie A, **Javadi A**, Kadkhodayi Z, Zolfaghari M. The Protective Effect of Conjugated Bacterial Melanin with Titanium Oxide against UV. Scientific Journal of Ilam University of Medical Sciences. 2018;26(4):116-125.
13. **Javadi A**, Rostamirad M, Zand Monfared MR, Dastjani Farahani F, Heidarpour A, Motlagh K. The effect of ampicillin and gentamicin conjugated with gold nanoparticles on the formation of biofilms in Pseudomonas aeruginosa. Qom University of Medical Sciences Journal. 2015 Jul 10;9(5):35-41.
14. Rostami Rad M, **Javadi A**, Akbari T, Heidarpour A, Jamali M, Mahdavi R, Mohammad KM. The Antimicrobial Effect of Methanolic Extracts of Achillea wilhelmsii, Myrtus communis, and Allium sativum on Pseudomonas aeruginosa. Qom University of Medical Sciences Journal. 2017 Dec 10;11(10):70-6.
15. Soleimani M, Morovvati A, **Javadi A**. Design and Optimization of PCR Assay for Rapid Detection of Enterotoxigenic and Enteroaggregative Pathotypes of E. coli. Qom University of Medical Sciences Journal. 2016 Dec 10;10(10):25-33.
16. Malakootian M, Toolabi A, **Javadi A**, Ahmadian M, Zandmonfared MR. The effect of ZnO nanoparticles on the Vibrio species isolated from coastal water of the Persian Gulf port. Hormozgan Medical Journal. 2013;17(4):299-305.
17. Abdollahi H, **Javadi A**, Zand Monfared MR. Synthesis of Gold Nanoparticles and Study of Their Antimicrobial Effects Study on Helicobacter pylori. Qom University of Medical Sciences Journal. 2014 May 10;8(2):44-50.
18. Memarian M, **Javadi A**, Fateh R. Antifungal effects of gold nanoparticles conjugated fluconazole against fluconazole resistant strains of Candida albicans isolated from patients with chronic vulvovaginitis. Qom University of Medical Sciences Journal. 2016 Sep 10;10(7):10-9.
19. Aghaei SS, **Javadi A**, Sharifi Y, Morovvati A. Detection of Exotoxin A, Y, T, U, S genes of Pseudomonas aeruginosa Isolates Resistant to Third-Generation Cephalosporins in Clinical Samples of Hospitalized Patients in Hospitals of Qom City, Iran.

20. Sharifi Y, Morovvati A, Abedzadeh A, **Javadi A**. Prevalence of CTX-M Genes in Bacterial Strain Isolated from Patients Hospitalized in ICU Units in the City of Qom, Iran. *Journal of Medical Bacteriology*. 2015 Sep 4;4(3-4):35-44.
21. **Javadi A**, Sharifi Y, Khodadadian R, Fakharian F, Abbas M. Comparison the presence of exotoxin A, T, S isolated from clinical and environmental sample of *Pseudomonas aeruginosa* in hospitals of Qom city. *Res J Fisheries Hydrobiol*. 2015;10(10):709-13.
22. Zargar M, **Javadi A**, Morovvati A. Detection of *Clostridium Difficile* Associated Diarrhea in Disease Based on Polymerase Chain Reaction and Bacterial Culture and Toxin A, B Frequency.
23. Aghaei SS, Keikha M, Zarandi MK, Rahdar HA, **Javadi A**, Takei E, Nazarei R. Evaluation and Identification of Carbapenem Resistant *Klebsiella pneumoniae* Isolated from Hospitalized Patients in Qom City,(Iran). *Qom University of Medical Sciences Journal*. 2019 Jun 10;13(4):39-47.
24. Zargar M, Ghadir MR, **Javadi A**, Morovvati A, Farahani FD. Drug Resistance Pattern of Toxigenic *Clostridium difficile* Isolated from Patients with Diarrhea to Conventional Therapeutic Drugs with Chronic. *Qom University of Medical Sciences Journal*. 2020 Feb 10;13(11):13-23.

B) Conference Papers

19th International Congress of microbiology. Tehran University of medicine, 2018. "
DETECTION OF MECA GENE AMONG METHICILLIN RESISTANT
STAPHYLOCOCCUS AUREUS ISOLATED FROM BLOOD INFECTION.

19th International Congress of microbiology. Tehran University of medicine, 2018. "
EVALUATION OF DRUG RESISTANCE PATTERN OF CANDIDA ALBICANS ISOLATED
FROM DIFFERENT CLINICAL SPECIMENS IN QOM, 1396-1395

19th International Congress of microbiology. Tehran University of medicine, 2018.
IDENTIFICATION OF KPC BETA-LACTAMASE GENE IN KLEBSIELLA PNEUMONIA
ISOLATES ISOLATED FROM PULMONARY SECRETIONS.

19th International Congress of microbiology. Tehran University of medicine, 2018.
INVESTIGATION OF THE PRESENCE OF EXOTOXIN S IN PSEUDOMONAS
AERUGINOSA WITH BROAD-SPECTRUM BETA-LACTAMASE.

17th International Congress of microbiology. Tehran University of medicine, 2016.
ANTICANDIDAL ACTIVITY OF FLUCONAZOLE CONJUGATED GOLD
NANOPARTICLES AGAINST FLUCONAZOLE RESISTANT STRAINS OF CANDIDA
ALBICANS.

16th International Congress of microbiology. Tehran University of medicine, 2015.
SYNTHESIS OF GOLD NANOPARTICLES AND STUDY OF THEIR ANTIMICROBIAL
EFFECTS STUDY ON HELICOBACTER PYLORI.

15th International Congress of microbiology. Tehran University of medicine, 2014. Gold
Nanoparticles Effect on Improving the Delivery of Metronidazole against Metronidazole
Resistant *Helicobacter Pylori*

C) Books

practical guide to polymerase chain reaction. 1th Edition. Qom azad uni press, Qom, Iran 2020, (Persian).

➤ Participation in Workshops

1. PCR (2017).
2. qPCR (2018).

Contribution to Projects

➤ Memberships of committees

1. Member of the Iranian Health Association