

# Curriculum Vitae

**Name:** Davood Azadi

**Date of Birth:** 1986

**Place of Birth:** Khorram abad, Iran

**Academic position:**  
Assistant perofessor

**Marital status:** Married

**Number of Children:** 1

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## Education

- **M.Sc.:** Medical Microbiology, School of medicine, Isfahan University of Medical Sciences, Isfahan, Iran.
- **PhD:** Medical Microbiology, School of medicine, Isfahan University of Medical Sciences, Isfahan, Iran., 2012-2017.  
( **Supervisor:** Dr Hasan shojaei)
- **PhD thesis:** Species diverisity and Molecular chracterization of biodegradable actinomycetes from iran and analysis of their biodegradation capability

## Professional experience

- Characterizatin of bacterial spp. based on **phoenotypic techniques**.
- Determination of **drug susceptibility** for *M. tuberculosis* , Non-tuberculosis mycobacteria and *Nocardia* spp. (proportional method and broth microdilution test) and other bacteria.
- Application of PCR restriction fragment length polymorphism analysis (PRA) for molecular identification of mycobactria and nocardia.
- Preperation of **In-house Databasees** based on molecular marker ( such as 16SrDNA gene, *hsp65* gene, *rpoB* gene and Internal Transcribed Spacer gene) for **identification of mycobacteria and nocardia**.
- **Phylogenetic analysis** based on molecular markes which can used for species identification in *mycobacteria* spp. and *nocardia* spp.
- **Riboprinting, MLST** and **PFGE** for investigation of molecular epidemiology
- **RAPD PCR** for investigation of molecular epidemiology
- Infection control and management of nosocomial infection.
- Environmental health and analysis of environmental contamination
- **Analysis of bioremediation capability** of microorganism for using in neutralize of environmental contaminant

## Publications

- Species diversity and molecular characterization of nontuberculous mycobacteria in hospital water system of a developing country, Iran  
**D Azadi**, H Shojaei, M Pourchangiz, R Dibaj, M Davarpanah, AD Naser Microbial pathogenesis (2016) 100, 62-69
- First report of isolation of Mycobacterium canariasense from hospital water supplies  
**D Azadi**, R Dibaj, M Pourchangiz, A Daei-Naser, H Shojaei Scandinavian journal of infectious diseases 46 (11), (2014) 792-796
- Molecular analysis and species diversity of Nocardia in the hospital environment in a developing country, a potential health hazard  
HA Rahdar, **D Azadi**, H Shojaei, A Daei-Naser Journal of medical microbiology (2017) 66 (3), 334-341
- Isolation and molecular identification of biodegrading Mycobacteria from water supplies of Iranian hospitals  
**D Azadi**, R Dibaj, M Pourchangiz, AD Naser, H Shojaei Iranian journal of microbiology (2014) 6 (4), 240
- First report of isolation of Mycobacterium novocastrense from water supplies  
R Dibaj, **D Azadi**, M Karami, AD Naser, H Shojaei Apmis (2014) 122 (5), 459-461
- First isolation of Mycobacterium setense from hospital water  
**Davood Azadi**, Abass Daei Naser, Hasan Shojaei Journal of Coastal Life Medicine (2016) 4 (4), 331-333
- Screening, isolation and molecular identification of biodegrading mycobacteria from Iranian ecosystems and analysis of their biodegradation activity.  
**Azadi D**, Shojaei H, Mobasherizadeh S AMB Express (2017) 7 (1), 180.
- The role of the laboratory in the diagnosis of tuberculosis  
**D Azadi**, H Shojaei Iranian Journal of Medical Microbiology (2016) 10 (2), 1-15
- A case report of brain abscess caused by Nocardia cyriacigeorgica in a diabetic patient  
M Khorshidi, S Navid, **D Azadi**, D Shokri, H Shojaei JMM Case Reports (2018)
- Mycobacteriosis and Tuberculosis: Laboratory Diagnosis  
**D Azadi**, T Motallebirad, K Ghaffari, H Shojaei The open microbiology journal (2018) 12, 41
- Comparison of three methods of isolation of the genus nocardia from the soil of hospitals in Isfahan province, Iran, and its identification based on phenotypic and molecular ...  
HA Rahdar, **D Azadi**, A Daeinaser, H Shojaei Journal of Kerman University of Medical Sciences (2016) 23 (1), 44-54
- ISOLATION AND MOLECULAR IDENTIFICATION OF BIODEGRADING NOCARDIA FROM SOIL OF ISFAHAN PROVINCE  
**D AZADI**, HALI RAHDAR, H SHOJAEI, NA DAEI 2015
- Isolation of Nontuberculous Mycobacteria Existing in Isfahan (Iran) Hospital Water Supplies by Phenotypic Method.  
**D Azadi**, R Dibaj, AD Naser, H Shojaei Journal of Isfahan Medical School(2013) 30 (222)
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## **Research line**

- **Molecular characterization of clinically and environmental actinomycetes**
- **Study of Phylogeny and taxonomy of environmental microorganismes.**
- **.Nosocomial Infections**
- **Molecular Epidemiology of Infectious Diseases**
- **Population Genetics of Bacterial Pathogen**

## **Teaching :**

Medical Microbiology courses at khomein university of medical sciences 2016-2018