

Curriculum vitae (C.V.)

Personal Data

First name and Surname: Fatemeh Yeganeh Sefidan

Nationality and Birthplace: Iranian, Tabriz

Gender: Female

Marital state: Unmarried

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Education

B.Sc	Tabriz University	Biology	2000-2004
M.Sc	Tabriz University of Medical Sciences	Medical Microbiology	2009-2012
Ph.D	Tabriz University of Medical Sciences	Medical Bacteriology	2012-2017

Dissertation

Ph.D: Investigation of aminoglycoside modifying enzymes and 16S rRNA methylase from clinical isolates *Enterobacteriaceae* from Tabriz and Uromia at 1394 year. **(Score: 20)**

M.Sc: Isolation of *Legionella pneumophila* in hospitals water supply by Culture and PCR, Tabriz, Iran. **(Score: 20)**

Full papers

1. Ghotaslou R, Farajnia S, **Yeganeh F**, Abdoli-Oskouei S, Rezaee MA, Barzegar M. Detection of acute childhood meningitis by PCR, culture and agglutination tests in Tabriz, Iran. *Acta Medica Iranica*. 2012; 50(3): 192-6.
2. Ghotaslou R, **Sefidan FY**, Akhi MT, Soroush MH, Hejazi MS. Detection of legionella contamination in tabriz hospitals by PCR assay. *Advanced pharmaceutical bulletin*. 2013; 3(1): 131-4. [**Corresponding Author**]
3. Reza Ghotaslou, Behnaz Salahi Eshlaghi, **Fatemeh Yeganeh**, Alireza Yaghoubi. Molecular Diagnosis of Bacterial Infective Endocarditis in Tabriz, Azerbaijan. *J Cardiovasc Thorac Res*, 2013; 5(4): 153-155.
4. **Yeganeh Sefidan F**, Ghotaslou R, Akhi MT, Soroush MH. Detection of Legionella in Hospitals Water Systems. *Medical Journal of Tabriz University of Medical Sciences*. 2013; 34(6): 34-7. [**In Persian**]
5. Ghotaslou R, **Yeganeh-Sefidan F**, Salahi-Eshlaqi B, Ebrahimzadeh-Leylabadlo H. Etiology of acute bacterial meningitis in Iran: A systematic review. *Acta Medica Iranica*. 2015; 53(8): 454-61.
6. Akhi MT, Asl SB, Pirzadeh T, Naghili B, **Yeganeh F**, Memar Y, Mohammadzadeh Y. Antibiotic Sensitivity of Clostridium perfringens Isolated From Faeces in Tabriz, Iran. *Jundishapur journal of microbiology*. 2015; 8(7): 1-4.

7. **Sefidan FY**, Azargun R, Ghotaslou R. Fosfomycin, a therapeutic option for infections produced by multiple drug-resistant Enterobacteriaceae. *Microbiology Research*. 2016; 7(1): 32-6.
8. **Yeganeh-Sefidan F**, Ghotaslou R, Akhi MT, Sadeghi MR, Mohammadzadeh-Asl Y, Baghi HB. Fosfomycin, interesting alternative drug for treatment of urinary tract infections created by multiple drug resistant and extended spectrum β -lactamase producing strains. *Iranian journal of microbiology*. 2016; 8(2): 125-131.
9. Tayebi-Khosroshahi H, Habibzadeh A, Niknafs B, Ghotaslou R, **Sefidan FY**, Ghojazadeh M, Moghaddaszadeh M, Parkhide S. The effect of lactulose supplementation on fecal microflora of patients with chronic kidney disease; a randomized clinical trial. *Journal of renal injury prevention*. 2016; 5(3): 162-7.
10. Ghotaslou R, **Yeganeh Sefidan F**, Akhi MT, Asgharzadeh M, Mohammadzadeh Asl Y. Dissemination of Genes Encoding Aminoglycoside-Modifying Enzymes and armA Among Enterobacteriaceae Isolates in Northwest Iran. *Microbial Drug Resistance*. 2017; 23(7): 826-32. [**Corresponding Author**]
11. Ghorbani H, Memar MY, **Sefidan FY**, Yekani M, Ghotaslou R. In vitro synergy of antibiotic combinations against planktonic and biofilm *Pseudomonas aeruginosa*. *GMS hygiene and infection control*. 2017; 12: 1-7.
12. **Yeganeh Sefidan F**, Yekani M, Bannazadeh Baghi H, Memar MY, Yousefi L, Alizadeh N, Mohammadzadeh A, Aghazadeh M. Frequency and Antibiotic Susceptibility Pattern of

Methicillin Resistant *Staphylococcus aureus* from Nasal Carriage of Hospitalized Cardiovascular Patients. AJP. 2018. [In press]

13. Asl YM, Akhi MT, Soroush MH, **Sefidan FY**, Mousapour J, Hejazi ME, Sabbaghi BG, Sharifi A, Jabari Y, Ghotaslou R. Clinical Manifestations and Seasonality of Pertussis in Azerbaijan, Iran. Infectious Diseases in Clinical Practice. 2018; 26(3): 145-9.
14. Azargun R, Sadeghi MR, Barhaghi MH, Kafil HS, **Yeganeh F**, Oskoe MA, Ghotaslou R. The prevalence of plasmid-mediated quinolone resistance and ESBL-production in Enterobacteriaceae isolated from urinary tract infections. Infection and Drug Resistance. 2018; 11: 1007-14.
15. Yekani M, Memar MY, Baghi HB, **Sefidan FY**, Alizadeh N, Ghotaslou R. Association of integrons with multidrug-resistant isolates among phylogenetic groups of uropathogenic Escherichia coli. Microbiology Research. 2018; 9(1): 1-10.
16. Yekani M, Baghi HB, **Sefidan FY**, Azargun R, Memar MY, Ghotaslou R. The rates of quinolone, trimethoprim/sulfamethoxazole and aminoglycoside resistance among Enterobacteriaceae isolated from urinary tract infections in Azerbaijan, Iran. GMS Hygiene and Infection Control. 2018; 13: ISSN 2196-5226.

Abstracts Presented in Congress

1. **Yeganeh Sefidan F**, Hajizadeh M, Soroush MH, Safayean F, Mir Karimi SF, Tabatabaei Z and Asghari B. Determination of antibiotic resistance in Gram-negative bacilli isolated from

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respiratory secretions of hospitalized patients in Emam Reza hospital, Tabriz, The First Iranian International Congress of Medical Bacteriology, Tabriz, Iran, 5-8 September 2011.

2. **Yeganeh Sefidan F**, Ghotaslou R, Ahangarzadeh Rezaee M and Mohammadzadeh-Asl Y. Tow most important mechanisms of resistance to aminoglycosides among *Enterobacteriaceae* isolates, 5th Iranian International Congress of Medical Bacteriology, Maragheh, Iran, 15-17 August 2018.
3. Mohammadzadeh-Asl Y, Ghotaslou R, Soroush MH and **Yeganeh Sefidan F**. Prevalence, clinical manifestations and seasonality of pertussis in Tabriz, Iran, 5th Iranian International Congress of Medical Bacteriology, Maragheh, Iran, 15-17 August 2018.

Partnership in Congress

1. The First Iranian International Congress of Medical Bacteriology, Tabriz, Iran, September 5-8, 2011.
2. The Fifth Iranian International Congress of Medical Bacteriology, Maragheh, Iran, 15-17 August 2018.
3. The 4th International & 9th National Congress on Quality Improvement in Clinical Laboratories, Tehran, Iran, April 20-23, 2011.
4. Seminar on Immunology; Diagnosis and Treatment of Allergic Diseases, Tabriz, Iran, April 28-29, 2011.
5. 19th Iranian Congress on Infectious Diseases and Tropical Medicine, Tehran, Iran, December 25-29, 2010.

Presentations

The Fifth Iranian International Congress of Medical Bacteriology, Maragheh, Iran, 15-17 August 2018.

Workshops Attended

1. Workshop (Theoretical-Practical) Real Time PCR, Tabriz, Iran, May 17, 2012.
2. Workshop of Statistical Analysis of Data with SPSS Software, Tabriz, Iran, May 30, 2018

Thesis / Project co-worker

1. Study on combination of beta-lactam, macrolide and aminoglycoside antibiotics against *Pseudomonas aeruginosa* biofilm in invitro. [Infectious and Tropical Diseases Research Centre, Tabriz University of Medical Sciences, Tabriz, Iran]
2. Investigation of Phosphomycin Resistance in *Enterobacteriaceae* Isolated from Clinical Samples of Outpatient Patients and Hospitalized Tabriz Educational Centers in 2018. [Immunology Research Center, Tabriz University of Medical Sciences, Tabriz, Iran, Registered in the system of researchers]
3. Frequency of *Staphylococcus aureus* alpha hemolysin and fibronectin binding protein and collagen binding protein in blood cultures and evaluation of antimicrobial susceptibility patterns in Tabriz 2018. [Immunology Research Center, Tabriz University of Medical Sciences, Tabriz, Iran, Registered in the system of researchers]
4. Frequency of superantigens and attachment factors of *Staphylococcus aureus* in clinical isolates and nasal colonizer in the same patients and comparison of the isolates in Tabriz, 1397. [Immunology Research Center, Tabriz University of Medical Sciences, Tabriz, Iran, Registered in the system of researchers]

Research interests

1. Study of prevalence and mechanisms of antimicrobial resistance in pathogenic bacteria.
2. Diagnosis of pathogenic bacteria by molecular methods.
3. Evaluation of phenotypic and genotypic methods for diagnosis of anaerobic bacterial pathogens.

Cultural activities

The First rank in 5th Cultural and Art Festival, Tabriz, Iran, October 27, 2013.

Computer Skills

Seven skills of computer [International Computer Driving Licence; ICDL] and SPSS