

CURRICULUM VITAE FOR SABER YOUSEFI

Personal Data

Name & Surname: Saber Yousefi

Date of Birth: 26/04/1972

Place of Birth: Tabriz, Iran

Marital Status: Married

No. of children: 2

Address

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Education

2009-2010: Scholarship in field of **molecular microbiology and typing methods of MBLs producing *P. aeruginosa*** at Karolinska institute in Stockholm, Sweden.

2006-2010: Ph.D. in Medical Bacteriology, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

Thesis subject: "Study of metallo-β-lactamases production and antibiotic resistance in clinical isolates of *Pseudomonas aeruginosa*, their molecular diversity and relationship to class I integrons".

2003-2006: M.Sc. in Medical Microbiology, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

Thesis subject: "Polymorphism studies in strains of *Mycobacterium tuberculosis* isolated from tuberculosis patients East and West Azerbaijan by RFLP-hybridization".

1997-1999: B.Sc. in Laboratory Sciences, Faculty of Paramedicine, Tabriz University of Medical Sciences, Tabriz, Iran

Memberships

1. European Society for Clinical Microbiology and Infectious Disease (ESCMID)
2. Federation of European Microbiological Sciences (FEMS)
3. Iranian Society of Medical Bacteriology
4. Iranian Society of Microbiology
5. Iranian Society of Virology
6. West Azerbaijan Laboratory Association

Published Articles

1. Saber Yousefi, Mohammad Reza Nahaei, Safar Farajnia, Mohammad Aghazadeh, Aina Iverson, Petra Edquist, Makaoui Maatallah, Christian G. Giske. A Multiresistant Clone of *Pseudomonas aeruginosa* spreading in a Burn Unit in Orumieh, Iran. *APMIS* 2013; 121 (2) 146-152.
2. Mohammad Taghi Akhi, Yones Khalili, Reza Ghotaslou, Mohammad Aghazadeh, Mohammad Hosein Soroush Bar Hagi, Saber Yousefi. Prevalence of PER-1 type Extended-Spectrum-Beta_Lactamases in Clinical Strains of *Pseudomonas aeruginosa* Isolated from Tabriz, Iran. *Iran J Basic Med Sci* 2012; 15 (1) 678-82.
3. Yousefi S, Nahaei MR, Farajnia S, Akhi MT, Ghotaslou R, Lotfipour F, Soroush MH. Metallo-lactamase producing *Pseudomonas aeruginosa* in Two Iranian Teaching Hospitals, Their Antimicrobial Susceptibility and Serotypes. *J Chemother* 2011; 23(2): 114-116.
4. Yousefi S, Nahaei MR, Farajnia S, Ghojazadeh M, Akhi MT, Sharifi Y, Milani M, Ghotaslou R. Class 1 integron and imipenem resistance in clinical isolates of *Pseudomonas aeruginosa*: prevalence and antibiotic susceptibility. *Iranian J Microbiol* 2010; 2(3): 113-119.
5. Yousefi S, Farajnia S, Nahaei MR, Akhi MT, Ghotaslou R, Soroush MH, Naghili B, Jazani NH. Detection of metallo- -lactamase encoding genes among clinical isolates of *Pseudomonas aeruginosa* in northwest of Iran. *Diagn Microbiol Infect Dis* 2010; 68: 322-325.
6. Yousefee S, Nahaeia M.R, Zareekar B, Sharifi Y, Milani M, Lotfipour F. Comparison of antibiotic sensitivity of prevalent bacteria isolated from urinary tract infections in 2002 and 2006 in Urmia, Iran. *Iranian Journal of Pharmaceutical Sciences* 2009; 5(3): 135-140.
7. Ghotaslou R, Parvizi R, Safaei N, Yousefi S. A Case of *Aspergillus fumigatus* mediastinitis after heart surgery in Madani Heart Center, Tabriz, Iran. *Prog Cardiovasc Nurs* 2008; 23:133-5.
8. Milani M, Nahaei M.R, Lotfipour F, Yousefee S. Antibiotic sensitivity of prevalent bacteria isolated from urinary tract infection during 1998-2005. *Journal of Pharmaceutical Sciences of Tabriz University of Medical Sciences* 2008; 4: 47-53. (Article in Persian language).
9. Asgharzadeh M, Yousefee S, Nahaei M.R, Akhi M.T, Ansarian K, Samadi Kafil H. IS6110 Fingerprinting of *Mycobacterium tuberculosis* strains isolated from Northwest of Iran. *Res J Microbiol* 2007; 2 (12): 940-6.
10. Asgharzadeh M, Yousefee S, Samadi Kafil H, Nahaei M.R, Ansarian K, Akhi M.T. Comparing transmission of *Mycobacterium tuberculosis* in East Azerbaijan and West Azerbaijan provinces of Iran by using IS6110-RFLP method. *Biotechnology* 2007; 6(2): 273-7.
11. Jamali R, Zareikar B, Yousefee S, Ghzanchaei A. Comparison of wet mount microscopic examination and culture in diagnosis of *Trichomonas vaginalis* isolates in Tabriz, Iran. *Lorestan Medical University Journal* 2006; 8(4): 79-84. (Article in Persian language).

12. Jamali R, Zareikar B, Kazemi A, Asgharzadeh M, Yousefee S, Estakhri R, Montazer S, Ghzanchaei A. Random amplified polymorphic DNA of *Trichomonas vaginalis* isolates from Tabriz, Iran. *Journal of Parasitic Diseases* 2006; 30(1): 53–7.
13. Jamali R, Zareikar B, Kazemi A, Yousefee S, Ghazanchaei A, Estakhri R, Asgharzadeh M. Diagnosis of *Trichomonas vaginalis* infection using PCR compared to culture and wet mount microscopy. *Int. Med J* 2006; 5 (1).

Papers Presented in Seminars and Congresses

1. Seroprevalence of IgG antibody against herpes simplex virus type 2 (HSV-2) in females referred to medical diagnostic laboratories of Urmia in 2009. The 5th International Congress of Laboratory and Clinic 15-18 January 2013, Tehran, Iran (Poster Presentation).
2. Comparing the serum level of IgM and IgG immunoglobulin's and elements of C3 and C4 complements in smokers and nonsmoker in Urmia City. The 5th International Congress of Laboratory and Clinic 15-18 January 2013, Tehran, Iran (Poster Presentation).
3. Evaluation of three different typing methods in identification of a multiresistant clone of *Pseudomonas aeruginosa* at a burn unit in Orumieh, Iran. The 1st International Congress of Iranian Medical Bacteriology 5-8 September 2011, Tabriz, Iran (Poster Presentation).
4. Detection of Metallo beta Lactamase Encoding Genes in Clinical Isolates of *Pseudomonas aeruginosa* by Multiplex Real-Time PCR. The 1st International Congress of Iranian Medical Bacteriology 5-8 September 2011, Tabriz, Iran (Poster Presentation).
5. Minimum inhibitory concentrations of 12 different antibiotics against MBL producing *Pseudomonas aeruginosa* by Etest method in northwest of Iran.
6. Multilocus sequence typing (MLST) of carbapenem resistant *Pseudomonas aeruginosa* isolated in Orumieh, Iran. The 4th Congress of European Microbiologists, FEMS 2011, 26-30 June 2011, Geneva, Switzerland (Poster Presentation).
7. PCR-ribotyping and Serotyping of Metallo-beta-Lactamases Producing *Pseudomonas aeruginosa* Isolates in Northwest of Iran. The 1st International and 12th Iranian Congress Microbiology 23-26 May 2011, Kermanshah, Iranian (Poster Presentation).
8. Pulsed Field Gel Electrophoresis of Carbapenem Resistant *Pseudomonas aeruginosa* Isolates in Orumieh, Iran. The 1st International and 12th Iranian Congress Microbiology 23-26 May 2011, Kermanshah, Iranian (Oral Presentation).
9. Detection of metallo-β-lactamases producing *Pseudomonas aeruginosa* by phenotypic methods isolated in Orumieh-Iran. The 3rd Iranian Congress of Clinical Microbiology October 6-8. Shiraz Medical Sciences University press, Shiraz-Iran (Oral presentation).
10. Detection of *bla_{VIM}* and *bla_{IMP}* type metallo-β-lactamases genes in clinical isolates of *Pseudomonas aeruginosa* in North-West of Iran. Third Iranian Congress of Clinical Microbiology, October 6-8. Shiraz Medical Sciences University press. Shiraz-Iran (Poster presentation).

11. Detection of metallo-beta-lactamases producing *Pseudomonas aeruginosa* strains using Etest method isolated in Imam Khomeini Hospital of Orumieh. The 10th Iranian Congress of Microbiology, April 21-23, (pp. 40-41). Ilam Medical University Sciences press, Ilam-Iran (Poster presentation).
12. Detection of metallo-β-lactamases producing *P. aeruginosa* by imipenem-EDTA combined disc method in Tabriz-Iran. The 10th Iranian Congress of Microbiology, April 21-23, (pp. 40-41). Ilam Medical University Sciences press Ilam-Iran (Poster presentation).
13. Study of risk factors associated with tuberculosis in Northwest of Iran. The 18th national congress on tuberculosis 16-18 October 2007, Sanandaj, Iran.
14. Urinary tract infections by candida albicans in Madani Heart Center, Tabriz. 1st International and 6th National congress on Quality improvement in clinical laboratories, Tehran, Iran (13-16 Feb 2008).
15. Study usefulness of IS6110 in regional comparison of tuberculosis Transmission, in sample population of Azarbaijan infected patients. The 1st National Iranian Conference of Applied Microbiology Alzahra University July 2007 Iran.
16. Molecular Epidemiology of *Mycobacterium tuberculosis* strains isolated in East and West Azarbaijan. The 8th Iranian Congress of Microbiology 23-25 May 2006, Isfahan, Iran.
17. Diagnosis of *Mycobacterium tuberculosis* By PCR Method. The 2nd International Congress on Pulmonary Disease, intensive care and Tuberculosis 15-18 November 2005, Tehran, Iran.
18. IS6110 fingerprinting of *Mycobacterium tuberculosis* strains isolated in Urmia-Iran. The 2nd International Congress on Pulmonary Disease, intensive care and Tuberculosis 15-18 Nov. 2005 Tehran, Iran.
19. Diagnosis of *Trichomonas vaginalis* infection using PCR method compared to culture and wet mount microscopy. The 5th National Iranian Congress of Parasitology, Shahid Beheshti University of Medical Sciences 15-17 Nov. 2005, Tehran, Iran.
20. Random amplified polymorphic DNA (RAPD) analysis of *Trichomonas vaginalis* isolated in Tabriz-Iran. The 4th National Biotechnology Congress of Iran 15-17 Aug. 2005, Kerman (Mahan), Iran.
21. Antibiotic sensitivity of *Escherichia coli* strains isolated from patient with urinary tract infection. The 7th Iranian Congress of Microbiology, Semnan University of Medical Sciences, 1-3 February 2005 Semnan, Iran.
22. Bacteriologic study of *Mycobacterium tuberculosis* in patients' referred to Central TB Laboratory of West Azerbaijan. The 7th Iranian Congress of Microbiology, Semnan University of Medical Sciences 1-3 February 2005, Semnan, Iran.
23. Isolation and Antibiotic sensitivity of bacterial etiologic agents of urinary tract infection. The 7th Iranian Congress of Microbiology, Semnan University of Medical Sciences 1-3 February 2005, Semnan, Iran.

Professional employment

2010- Now: Assistant Professor of Medical Bacteriology, Urmia University of Medical Sciences.

1996-2006: Imam Khomeini Hospital Diagnostic Laboratory, Urmia, Iran.

***Supervisor of Imam Khomeini Hospital Laboratory during 1996-98 and 1999-2001.**

1995-96: Taleghani Hospital Laboratory, Urmia, Iran.

1993-95: Central Tuberculosis Laboratory of Urmia, Urmia, Iran.

Executive positions

September 2013: Member of the Scientific Committee of the 2nd International Congress of Iranian Medical Bacteriology, Tehran, Iran.

Since June 2013: Head of Paramedicine faculty of Urmia University of Medical Sciences.

Since November 2012: Researcher and Research Council of Food and Beverage Safety Research Center, Urmia University of Medical Sciences.

Since June 2012: Secretary and Member of the Advisory Council of Academic Staff of Urmia University.

Since May 2012: Member of the Research Committee of Paramedicine Faculty of Urmia University of Medical Sciences

September 2011: Member of the Scientific Committee of the 1st International Congress of Iranian Medical Bacteriology, Tehran, Iran.

1996- 2001: Laboratory Manager of Urmia Imam Khomeini University Hospital.

1996- 2001: Establish and development of Urmia Imam Khomeini University Hospital

Workshop & Trainings

1. Workshop on “Infection control in developing countries: Problems and Solutions” 27-28 October 2011, Kayseri, Turkey, supported by ESCMID.
2. Six month Scholarship in Karolinska Institutet for research about metallo- β -lactamases producing *Pseudomonas aeruginosa* from August 2009 until February 2010. Including serotyping, Real-time PCR, PFGE, MLST and sequencing techniques.
3. The workshop on Laboratory animals including Drug administration methods, sampling and anesthesia methods, Drug Applied Research Center of Tabriz University of Medical Sciences. 24-26 July 2007.
4. The workshop on Microbiological methods applied in DNA manipulation and gene Cloning, Drug Applied Research Center of Tabriz University of Medical Sciences. 3-5 Feb, 2007.
5. The workshop on molecular techniques in diagnosis and typing of infectious diseases, Pasteur Institute of Iran. 21-29 Nov, 2006.
6. Teaching Experience in first Quality control of Serology, Reference Laboratory of West Azerbaijan. 12 March 2002.

7. The workshop on PCR and Electrophoresis, Drug Applied Research Center of Tabriz University of Medical Sciences. 1-2 Jun, 2004.
8. The practical and theoretical workshop on monoclonal antibody production, Drug Applied Research Center of Tabriz University of Medical Sciences. 20-21 Feb, 2003.
9. Research methodology workshop, Tabriz University of Medical Sciences, Tabriz-Iran. 1-5 Nov, 2004.
10. Workshop on continuous promotion in Quality, Urmia University of Medical Sciences. Nov, 2003.
11. Training course in Quality Control of Immunology and Serology, Reference Laboratories of Iran. 22-24 Dec, 2001.

Teaching Experiences

1. Teaching of Clinical Microbiology, Antibiotics and Antimicrobial agents, Systematic Bacteriology, General Microbiology, Infectious Disease and Quality Control in Clinical Laboratory courses in Urmia University of Medical Sciences Since 2010.
2. Participation in Practical Microbiology courses for Medicine, Dentistry and Pharmacy students in the Medical School of Tabriz University (3 semesters).
3. Participation in Quality Control of Immunology and Serology training course as instructor in Urmia University of Medical Sciences. March 2003.

Research Interests

1. Study of Antimicrobial resistances; Detection and mechanisms.
2. Rapid diagnostics methods in clinical bacteriology.
3. Molecular typing methods of clinically important bacteria.
4. Bacterial Pathogenesis.