

CURRICULLUM VITAE

Personal Information:

Surname: Varahram

Name: Mohammad

Date and place of Birth: 6th September 1974- Shiraz

Nationality: Iranian

Gender: Male

Marital Status: Married

Number of children: Two

Work Place Address: National Research Institute of Tuberculosis and Lung Diseases,
Darabad, Shemiran, Tehran, Iran.

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Home address: Flat 1, No 8, Azadegan, Shahr-dari Alley, Shahid Majdi (Ushan) Boulevard,
Artesh Boulevard, Shemiran, Tehran, Iran.

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Educational records:

2011-2014 Ph.D by Research, Shahid Beheshti University of Medical Sciences

2010-2011 M.Phil, Shahid Beheshti University of Medical Sciences

2007-2008 MPH, Shahid Beheshti University of Medical Sciences and Health
Services

1992-2000 MD Medicine, Tehran University of Medical Sciences and Health
Services,

Score in Iran: 51

1988-1992 Shaheed Motahari High School, District 1

1985-1988 Lajevardi Guidance School

1983-1984 Shaheed Montazeri Elementary School, District 1

1980-1982 Hakim Elementary School, District 1

Languages

Persian **Native**

English **Familiar**

Job Experience:

Date **November 2008-Present**

Employer **National Research Institute of Tuberculosis and Lung Diseases, Masih
Daneshvari Hospital, Shahid Beheshti University of Medical Sciences
and Health Services**

Position **Manager of Hospital**

Date **March 2006-Present**

Employer **National Research Institute of Tuberculosis and Lung Diseases,
Department of Mycobacteriology, Shahid Beheshti University of
Medical Sciences and Health Services**

Position **Researcher**

Date **2002-2008**

Employer **National Research Institute of Tuberculosis and Lung Diseases, Shahid
Beheshti University of Medical Sciences and Health Services**

Position **Manager of Research Office**

Projects:

- Identification of principal genotypic groups of clinical isolates of Mycobacterium tuberculosis in Belarus and Iran by detection of single nucleotide polymorphism.
- Diagnosis of mycobacterium tuberculosis by three methods of PCR, culture and smear of urine samples.
- Evaluation of the effect of P53 and K-ras genes mutation in the margin of non- small cell lung tumors (NSCL) on prognosis of tumor.
- Evaluation of the rate of satisfaction in patients admitted to National Research Institute of Tuberculosis and long disease.
- Compiling the strategic program of NRITLD in 2004.
- Evaluation of the researches performed in NRITLD from the outset of establishment to 2004.
- Evaluation of the clinicopathological signs and symptoms in patients with DUB.

Papers:

- Mortaz E, Adcock IM, Ricciardolo FL, Varahram M, Jamaati H, Velayati AA, Folkerts G, Garssen J. Anti-Inflammatory Effects of Lactobacillus Rahmnosus and Bifidobacterium Breve on Cigarette Smoke Activated Human Macrophages. PLoS One. 2015 Aug 28; 10(8):e0136455. doi: 10.1371/journal.pone.0136455. eCollection 2015.
- E. Mortaz, M. Varahram, P. Farnia, M. Bahadori, and MR Masjedi. New Aspects in Immunopathology of Mycobacterium tuberculosis. International Scholarly Research Network: ISRN Immunology, Volume 2012, Article ID 963879, 11 pages.
- Varahram M, Farnia P, Nasiri M.J, Afraei Karahrudi M, Kazampour M, Velayati A.A. Association of Mycobacterium tuberculosis lineages with IFN- γ and TNF- α gene

polymorphisms among pulmonary tuberculosis patient. *Mediterranean Journal of Hematology and Infectious Diseases* 2014; 6; Open Journal System.

- **Varahram M, Nasiri M.J, Farnia P, Mozafari M, Velayati A.A.** A Retrospective Analysis of Isoniazid-Monoresistant Tuberculosis: Among Iranian Pulmonary Tuberculosis Patients. *The Open Microbiology Journal*, 2014, 8, 1-5.
- **Taghavi, Farnia, Varahram, Sheikholeslami, Ahmadi, Kazempoor, Masjedi, Velayati.** Rapid Detection of Isoniazid Resistance in Mycobacterium tuberculosis by a Single Multiplex Allele-specific Polymerase Chain Reaction Assay. *Cell Journal*. 2011 Summer; 13(2):97-102.
- **Velayati AA, Farnia P, Masjedi MR, Ibrahim TA, Tabarsi P, Haroun RZ, Kuan HO, Ghanavi J, Farnia P, Varahram M.** Totally drug-resistant tuberculosis strains: evidence of adaptation at the cellular level. *Eur Respir J*. 2009 Nov; 34(5):1202-3.
- **Varahram M, Farnia P, Anoosheh S, Kazempour M, Merza M, Saeif S, Masjedi MR, Velayati AA.** The VDR and TNF- α gene polymorphisms in Iranian tuberculosis patients: The study on host susceptibility. *Iranian J CID*; 2009 Nov; 29
- **Farnia P, Masjedi MR, Varahram M, Mirsaeidi M, Ahmadi M, Kazampour M, Tabarsi P, Baghei P, Marjane M, Bahadori M, Zarifi AH, Velayati AA.** The Recent-Transmission of Mycobacterium tuberculosis Strains among Iranian and Afghan Relapse Cases: a DNA-fingerprinting using RFLP and spoligotyping. *BMC Infect Dis*. 2008 Aug 6; 8(1):109.
- **Farnia P, Masjedi MR, Mohammadi F, Tabarsei P, Farnia P, Mohammadzadeh AR, Baghei P, Varahram M, Hoffner S, Velayati AA.** Colorimetric detection of multidrug-resistant or extensively drug-resistant tuberculosis by use of malachite green indicator dye. *J Clin Microbiol*. 2008 Feb; 46(2):796-9.
- **Mohammadi F, Jaber Ansari SH, Varahram M, Sheikholeslami MF, Karimi SH, Farnia P.** Assessment of the diagnostic value of PCR method in detection of the mycobacterium tuberculosis in urine samples. *Medical Sciences Journal*. 2008 spring; 18(1):17-21.

- **Farnia P, Pajand O, Anoosheh S, Tabarsi P, Kazempour Dizaji M, Mohammadi F, Varahram M, Baghaei P, Bahadori M, Masjedi MR, Velayati AA. Comparison of Nramp1 Gene Polymorphism among TB Health Care Workers and Recently Infected Cases; Assessment of Host Susceptibility. Tanaffos. 2008 7(1), 19-24.**

Genebank:

- **Sheikholslami MF, Varahram M, Farnia P, Aghaii SMB., Mohammadi F, Nadji SA, Mansori D, Tabarsi P, Masjedi MR, Velayati AA: A new subtype of Mycobacterium genavense, Mycobacterium genavense isolate Ir.1 65 kDa heat shock protein; 443 bp DNA linear BCT 08-APR-2008.**

Publications:

- **Farnia P, Varahram M, Ghadiri Fard F, Masjedi MR, Velayati AA. Identification of Mycobacteria: Tehran: NRITLD; 2011.**
- **Farnia P, Saife S, Sheikholslami M, Varahram M, Masjedi MR, Velayati AA. Identification Tests: PCR, Nested-PCR & PCR-RFLP: Tehran: NRITLD; 2011.**
- **Farnia P, Saife S, Sheikholslami M, Aghali Merza M, Varahram M, Masjedi MR, Velayati AA. Identification Tests: Methods of DNA Extraction (Mycobacterium & Human): Tehran: NRITLD; 2011.**
- **Farnia P, Ahmadi M, Doraghi M, Aghali Merza M, Varahram M, Masjedi MR, Velayati AA. Identification Tests: Restriction Fragment Length Polymorphism (RFLP): Tehran: NRITLD; 2011.**
- **Farnia P, Taghavi K, Saife S, Sheikholslami M, Varahram M, Masjedi MR, Velayati AA. Susceptibility Testing: Multiplex -PCR, PCR-SSCP and PCR -ELISA: Tehran: NRITLD; 2011.**

- Farnia P, Varahram M, Doraghi M, Mohammadi F, Tabatabaee SJ, Zia Zarifi A, Bahadori M, Masjedi MR, Velayati AA. Drug Susceptibility test against *Mycobacterium tuberculosis*: Tehran: NRITLD; 2007.
- Farnia P, Varahram M, Mohammadi F, Ghadiri Fard F, Doraghi M, Tabatabaee SJ, Zia Zarifi A, Bahadori M, Masjedi MR, Velayati AA. Culture Examination: Tehran: NRITLD; 2007.
- Farnia P, Varahram M, Doraghi M, Mohammadi F, Tabatabaee SJ, Zia Zarifi A, Bahadori M, Masjedi MR, Velayati AA. Smear Examination: Tehran: NRITLD; 2007.
- Farnia P, Varahram M, Ghadiri Fard F, Mohammadi F, Tabatabaee SJ, Zia Zarifi A, Bahadori M, Masjedi MR, Velayati AA. Identification of *Mycobacteria*: Tehran: NRITLD; 2007.
- Farnia P, Varahram M, Doraghi M, Mohammadi F, Tabatabaee SJ, Zia Zarifi A, Bahadori M, Masjedi MR, Velayati AA. Internal Quality Control: Tehran: NRITLD; 2007.

Congress:

- Farnia P, Varahram M. Colorimetric detection of multi or extensively drug resistance tuberculosis: using Malachite-green indicator dye. (oral presentation) EHRlich II 2008, Nurnberg, Germany.
- Velayati AA, Farnia P, Ibrahim TA, Haroun RZ, Kuan HO, Ghanavi J, Farnia P, Kabarei AN, Tabarsi P, Omar AR, Varahram M, Masjedi MR. Extensive Drug Resistant Tubercell (XDR TB) Bacilli: Transmission & Scanning Electron Microscopy Analysis. FEMS 2009- 3rd Congress of European Microbiologist (poster presentation). FEMS 2009- 3rd Congress of European Microbiologist, 2009, Gothenburg University.
- Farnia P, Varahram M, Kazempourdizaji M, Tabarsi P, Mirsaedi SM, Mohammadi F, Masjedi MR, Velayati AA. Instability of IS6110 patterns in MDR and XDR TB strains of *Mycobacterium Tuberculosis*: A 6 years surveillance in populated city of

Tehran (oral presentation). The 3rd international congress on pulmonary disease, intensive care and tuberculosis, Oct 15-18, 2007, Tehran. Iran.

- Farnia P, Kazempourdizaji M, Varahram M, Abbasi M, Masjedi MR, Velayati AA. Evaluation of man power in 300 peripheral and intermediate TB laboratories of Iran (oral presentation). The 3rd international congress on pulmonary disease, intensive care and tuberculosis, Oct 15-18, 2007, Tehran. Iran.
- Sheikholslami MF, Varahram M, Mohammadi F, Farnia P, Aghaii SMB, Masjedi MR, Velayati AA. A modification in PRA method in detection of mycobacteria other than (oral presentation). The 3rd international congress on pulmonary disease, intensive care and tuberculosis, Oct 15-18, 2007, Tehran. Iran.
- Pajand O, Farnia P, Tabarsi P, Baghaee P, Kazempourdizaji M, Mansouri SD, Varahram M, Masjedi MR, Velayati AA. Variants of the human NRAMP1 gene and susceptibility to tuberculosis. (poster presentation) The 3rd international congress on pulmonary disease, intensive care and tuberculosis, Oct 15-18, 2007, Tehran. Iran.