

Curriculum Vitae (c.v.)



Name: Mohsen Imani

Nationality: Iranian

Date of Birth: 12 - 04 - 67

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Tehran, IRAN

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Education:**1995 – 1997**

M.Sc.Degree in Immunology
Iran University of Medical Sciences

1987 - 1992 M.Sc.

B.Sc. Degree in Biology-Microbiology
Islamic Azad University

THESIS:

Study of HLA Association With Schizophrenia in Iranian Patients. (1996-1997)

Work Experience:

Modarres Hospital	8/1998 – 11/2009	Staff of Hormon Lab.
The Research and Education Center of Clinical Laboratory Sciences	8/1998 – 10/2010	Supervisor (Immunology & Serology Lab.) Inspector of Clinical Lab.
Refernce Laboratory (Iran University of Medical Sciences)	3/2002 – 10/2010	Supervisor (Immunology & Serology Lab.) Inspector of Clinical Lab.
Research Center of Cellular & Molecular Lab.(Iran University of Medical Sciences)	8/2006 – 7/2008	Research Assisstant
Refernce Laboratory (Shahid Beheshti University of Medical Sciences)	10/2010 – 12/2011	Supervisor (Immunology & Serology Lab.) Inspector of Clinical

		Lab.
Health Reference Laboratory (Ministry of Health & Medical Education)	12/2011 - Present	Staff of Molecular Lab. Inspector of Molecular Diagnostic Lab. Evaluation of Clinical Laboratory Devices

Research Experience:

➤ **Since December 2010:** Researcher Assistant in Health Reference Laboratory of Ministry of Health & Medical Education in Various Science Project such as:

- 1- **Pulsed Field Gel Electrophoresis-based Molecular Epidemiological Study of Vibrio Cholerae**
- 2- **Pulsed Field Gel Electrophoresis-based Molecular Epidemiological Study of Salmonella Typhi**
- 3- **Genetic diversity of Burkholderia Pseudomallei By PFGE**
- 4- **HPV Genotyping by Hybridization-PCR based Method**
- 5- **Strptococcus Pneumoniae Genotyping by Multiple-PCR**
- 6- **Genotyping by Multiple-PCR**
- 7- **The Evaluation of Serum Levels of IFN- δ , IL-12 and Percentage of CD4+, CD8+ and NK Cells in Peripheral Blood of Metastatic, Nonmetastatic Breast Cancer Patients and Normal Individuls**
- 8- **Comparison of the Effects of Three Music on the Immune Cells of Patients with Allergic Rhinitis**
- 9- **Relationship between Helicobacter pylori infection and the severity of coronary atherosclerosis**
- 10- **Immunophenotype of peripheral blood lymphocytes following thermal injury in patients**
- 11- **Correlation between CRP levels and The severity of coronary artery obstruction in patients with angina pectoris.**

Teaching Experience:

Quality Assurance in Serology Laboratory	2/2008 – 10/2010	Refernce Laboratory (Iran University of Medical Sciences)
Quality Assurance in Blood Bank Laboratory	2/2008 – 10/2010	Refernce Laboratory (Iran University of Medical Sciences)

Skills:

- **Language: Farsi (Native) English (Intermediate)**
- **ICDL & Computer Skills**

Extensive Knowledge of Microsoft Word, Excel, Power Point, Windows XP/Vista/7, Internet , BioNumerics, GelComparII, SPSS ,etc .

• **Laboratory Techniques:**

Proficient in Different Laboratory Techniques: Thin Layer Chromatography, HPLC, ELISA, PFGE (Pulsed Field Gel Electrophoresis), Flowcytometry, IF, Cell Cultures Techniques, DNA, RNA & Plasmid Extraction Methods, Extraction of Nucleic Acid from Different Tissues, Nucleic Acid Amplification and Molecular Genotyping by PCR, Nested- PCR & RT-PCR, Multiplex-PCR, PCR-RFLP, Real Time PCR (Corbett Rotor gene-6000), FISH, etc.

Familiar with: Laboratory Animals Research, Western Blot, Northern Blot, Sothern Blot, etc.

Interests:

Design of Molecular Diagnostic Technologies, Molecular Virology, Cancer Biomarkers, Molecular Immunology, Molecular Microbiology, Molecular Medicine and etc.

Papers (In Persian):

I- M. Shekar Abi *, B. Bahar,, M. Behbin,, M. Atri,, R. Falak , **M. Imani**, P. Danesh, The Evaluation of Serum Levels of IFN- δ , IL-12 and Percentage of CD4+,

CD8+ and NK Cells in Peripheral Blood of Metastatic, Nonmetastatic Breast Cancer Patients and Normal Individuals. Razi Journal of Medical Sciences, 2008, 14(57): 113-120

2- Alireza Salek Moghaddam *, Hamid Mostafavi, Malihe Kamgooyan, **Mohsen Imani** , Mehdi Shekarabi, Study of Association of HLA Schizophrenia in Iranian Patients of Shahid Esmaeili Hospital. Razi Journal of Medical Sciences, 1999, 6(3): 210-222

Papers (In English):

- 1- Haji Hashemi B., Farzanehkhah M., **Dolatyar A.**, Imani M., Farzami M R, Rahbar M. and Hajia M, A study on prevalence of KPC producing from *Klebsiella pneumoniae* using Modified Hodge Test and CHROMagar in Iran. Annals of Biological Research, 2012, 3 (12):5659-5664
- 2- Hajia M, Farzanehkhah M , Haji Hashemi B, **Dolatyar A.**, Imani M, Saburian R, Farzami MR, and Rahbar M. Real-Time Assay as Tool for Detection *lyt A* Gene in Streptococcus pneumonia Isolates. Cell Journal_(Yakhteh), 2013, Vol.:16, No.: 2
- 3- **Dehkharghani** et al., Molecular Techniques for detection of *Leishmania infantum* isolates in Iran. Tropical Parasitology, 2014 , 4: 35-37.
- 4- Massoud Hajia, Mohamad Rahbar, Marjan Rahnami Farzami, **Alireza Dolatyar**, Mohsen Imani, Roghieh Saburian, Mohamad Farzanehkhah, Efficacy of multiplex PCR procedure for Iranian Streptococcus pneumoniae isolates. Caspian J Intern Med 2014; 5(2): 109-113.
- 5- Massoud Hajia, Mohamad Rahbar, Marjan Rahnami Farzami, Hossein Masoumi Asl, **Alireza Dolatyar**, Mohsen Imani, Roghieh Saburian, Moharam Mafi, Bitah Bakhsh. Assessing Clonal Correlation of Epidemic Vibrio cholerae Isolates During 2011 in 16 Provinces of Iran. Curr Microbiol Nov. 2014.

Congress:

- **The 6th International & 11th National Congress on Quality Improvement in Clinical Laboratories (20-23 April, 2013) .**

- 1- **Dolatyar Dehkharghani A.**, Imani M., Ghelman M., Comparison of alternative DNA stains with Ethidium Bromide.
 - 2- Imani M., **Dolatyar Dehkharghani A.**, Ghelman M., Evaluation and validation of molecular diagnostic tests for infectious diseases.
- **First Congress on Novel & Innovative Laboratory Techniques (2-4 October 2013).**
- 1- Massoud Hajia, Mohamad Rahbar, Marjan Rahnamai Farzami, **Alireza Dolatyar**, Mohsen Imani, Roghieh Saburian, Mohamad Farzanehkah. Multiplex PCR as an alternative tool for serotyping method: Bacterial Meningitis.

Workshop:

- **As a participant:**
 - 1- **Workshop on Biosafety for TB Laboratories Experts**, August 19-21 2013, Reference Health Laboratory, Tehran, Islamic Republic of Iran.
 - 2- **Training on Pulse Field Gel Electrophoresis (PFGE) Techniques, Data Management and Data Analysis Using BioNumerics Software**, September 7-12, 2013, Tehran – Iran.
 - 3- **Workshop on Diagnostic Techniques to detect HIV Infection in Iran Surveillance Protocol**. June 14-16 2014, Reference Health Laboratory, Tehran, Islamic Republic of Iran.
 - 4- **Biorisk Management Workshop**. November 24-26 2014. Reference Health Laboratory, Tehran, Islamic Republic of Iran.
- **As an organizer:**
 - 1- **Workshop on Biosafety for TB Laboratories Experts**, August 19-21 2013, Reference Health Laboratory, Tehran, Islamic Republic of Iran.
- **As a lecturer:**
 - 1- **Workshop on Diagnostic Techniques to detect HIV Infection in Iran Surveillance Protocol**. June 14-16 2014, Reference Health Laboratory, Tehran, Islamic Republic of Iran.