

# **Curriculum Vitae**

## ***Personal details:***

Name: **Rezvan**  
Surname: **Bagheri**  
Birth Date: **September, 6, 1979**  
Place of Birth: **Abadan, Iran**  
Citizen: **Islamic Republic of Iran**  
Material Status: **Married**

## ***Present address:***

Department of Reproductive Infectious Diseases, Reproductive,  
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## ***Education:***

2002-2005: M.Sc Student in microbiology, Department of Biology  
at Azad University, Jahrom, Iran

1994-1998: B.Sc in microbiology, Department of Biology at Azad  
University, Jahrom, Iran

## ***Experiences:***

2007- Present:

- Collaboration with Reproductive Infectious Diseases, Reproductive Biotechnology Research Center (RBRC), Avicenna Research Institute.
  - **A project manager in** " Prevalence study of Sexually transmitted infections pregnant women in Tehran 2007" that was collaborate with UNFPA

2005-2007

- Collaboration with Immunology Research Center, Pasteur Institute of Iran , Tehran, Iran
  - Identification, Cloning and expression of immunogenic molecules of *L.major* by antisera of healed, non-healed and *Leishmania* major patients
  - Effect of Iranian Borago extract (*Echium amoenum fisch-et Mey*) on Balb/c mitogen –stimulated lymphocyte proliferation, humoral immune system, lesion of leishmania and also growth of gram negative and Gram positive bacteria
  - Cloning expression of K39 been used for visceral leishmaniasis diagnostic.

2002-2005

M.Sc Student

M.Sc thesis entitled, "Establishment of PCR-ELOSA (Enzyme –Linked Oligosorbant Assay) for Diagnosis of HIV-1 Subtype" under supervision Dr. Fereidon Mahboudi, Biotechnology Research Center, Pasture Institute, Iran.

2001-2002

Between 23/08/2001-22/12/2001 worked at Motahari Hospital laboratory, Shiraz

### ***Certification:***

- ✚ Bachelor's Degree from Azad University,2002, Jahrom, Iran
- ✚ High School Diploma 1998 Shiraz, Iran
- ✚ "Approach of viral diseases in pregnancy" which was held at Avesina Infertility Clinic on 18-19 February 2004, Tehran -Iran

### ***Techniques Familiar With:***

- Nucleic acids purification by different methods
- Nucleic acids amplification by PCR , Primer design , System setup and optimization
- Laboratory culture and Microbial diagnostic
- Primer design software like GeneRunner and DNA-Man
- Molecular Methods like: Multiplex-PCR, SSCP, RFLP-PCR, Hot-Start, ARMS-PCR
- Cloning of DNA fragments in plasmid (vectors), competent cells and transformation
- All deferent formats of detection and amplification by PCR-ELISA technique dependent on dig labeled nucleotide sequences of oligonucleotide primer and probe
- Probe design software like GeneRunner
- Real Time PCR with SYBR Green method
- ELISA (Enzyme Link Immuno Assay) techniques
- Cell culture techniques
  - ✓ Myeloma, lymphocytes and fusion
  - ✓ Selecting hybridoma and colonies
  - ✓ Antibody characterization
- Banding analysis (size and density) with Photocap software
- Bioinformatics: Sequence analysis and restriction analysis with BioEdit software
- Biostatistics and research data analysis and application of software like SPSS, Excel

## **Congress:**

1. Characterization of dinucleotide bands in prenatal diagnosis and carrier detection. B. Rabbani, H. Khan-Ahmad, A. Rezaeian, R. Sarrami, M. Abachi, **R. Bagheri**, G. Bahramali, S. Zeinali. Biotechnology Research Center, Pasteur Institute of Iran, Tehran, Iran. 9<sup>th</sup> Iranian Genetic Congress, Oral Presentation, 20-22 May 2006, Tehran.
2. A novel strategy for  $\beta$ -globin gene targeting. H. Khanahmad, B. Rabbani, **R. Bagheri**, M. Khalili, F. Tavangar, S. Zeinali. Pasteur Institute, Biotechnology Research Center, Tehran, Iran. European society of Human Genetics. Poster presentation, ID: 6-9 May 2006 Amsterdam.
3. Characterization of dinucleotide bands to differentiate between homozygotes and heterozygotes in diagnosis analysis. B. Rabbani, H. Khan-Ahmad, A. Rezaeian, R. Sarrami, M. Abachi, **R. Bagheri**, G. Bahramali, S. Zeinali. Pasteur Institute, Biotechnology Research Center, Tehran, Iran. European society of Human Genetics. Poster presentation, ID: 6-9 May 2006 Amsterdam.
4. Detection of polymerase chain Reaction-Amplified Immunodeficiency virus proviral DNA with a digoxigenin-labeled nucleotide and Enzyme-Linked Oligosorbant assay. **Rezvan bagheri**, Ramin Sarrami-Frooshani, Hossein Khanahmad, Farzaneh Sabahi, Mansour Abachi, Rezvan Esmaeili, Ahmad Adeli, Samad Amini Babil Oliaie, Fereidoun Mahboui. Pasteur Institute. Biotechnology Research Center, Tehran, Iran. Poster Session publishing ID: The 4<sup>th</sup> National Biotechnology congress; Kerman(Mahan), 15-17 August, 2005
5. Variable Mobility of Short Tandem Repeats on Polyacrylamid Gel Electrophoresis. Rabbani B, Kamali, Khan-Ahmad H, **Bagheri R**, Abachi M, Moghadam Z, Zeinali S. Biotechnology Research Center, Pasture of Iran, Tehran, Iran. *First international Student biotechnology*, 2005.
6. Variable Mobility of Short Tandem Repeats on Polyacrylamide Gel Electrophoresis. Rabbani B, Kamali E, Khan-Ahmad H, **Bagheri R**, Abachi M, Moghaddam Z, Zeinali S. Biotechnology Research Center, Pasteur Institute of Iran, Tehran, Iran. First international Student biotechnology, Poster presentation. 15-17 Nov 2005
7. Assaying the Bacterial impurity in deferent section's Hospital. Ahmad Zaheri, Saeed Zarinpor, Ali yoosefinaming, **Rezvan Bgheri**. Tehran University Research. Poster Session publishing ID: The 7<sup>th</sup> Microbiology Congress, February .2004
8. Introducing different diagnostic methods of BK and JC viruses infections in Renal –Transplant patient. **R.Bagheri**, R.yaghobi. Oral presentation, Publishing ID: *The 2<sup>th</sup> Students Congress of Biology & Biotechnology*; Iran Tonekabon 27-29 May, 2003

## ***Publications:***

1. B. Rabbani, H. Khanahmad, **R. Bagheri**, N. Mahdieh, S. Zeinali. Characterization of minor bands of STR amplification reaction of FVIII gene by PCR cloning. *Clinica Chimica Acta* 2008 Aug; 394(1-2):114-5. Epub 2008 Mar 18.
2. B. Rabbani, A.H. Rezaeian, H. Khanahmad, **R. Bagheri**, E. Kamali, S. Zeinali. Analysis of two short tandem repeats in FVIII gene in Iranian population for carrier detection and prenatal diagnosis of hemophilia A patients. *Haemophilia* (2007), 13, 740–744.
3. A novel single step double positive double negative selection strategy for  $\beta$ -globin gene replacement. H. Khanahmad<sup>a</sup>, M.R. Noori Dalooi<sup>b</sup>, M.A. Shokrgozar<sup>c</sup>, K. Azadmanesh<sup>d</sup>, A.R. Niavarani<sup>a</sup>, M. Karimi<sup>a</sup>, B. Rabbani<sup>a</sup>, M. Khalili<sup>a</sup>, **R. Bagheri**<sup>a</sup>, F. Maryami<sup>a</sup>, S. Zeinali<sup>a</sup>. a) Biotechnology Research Center, Pasteur Institute of Iran, Tehran, Iran. B) Department of Medical Genetics, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran. c) National Cell Bank of Iran, Pasteur Institute of Iran, Tehran, Iran. d) Department of Hepatitis and AIDS, Pasteur Institute of Iran, Tehran, Iran. *Biochemical and Biophysical Research Communications*. (2006) 345, 14-20
4. Design and constructing pBGGT Plasmid: a carrier plasmid for  $\beta$ - thalassemia gene therapy. H. Khan-Ahmad, K. Azadmanesh, M.A. Shokrgozar, A.R. Niavarani, M. Karimi, B. Rabbani, M. Khalili, **R. Bagheri**, F. Maryami, S. Zeinali. Biotechnology Research Center, Pasteur Institute of Iran, Tehran, Iran. *Iranian Journal of Pediatrics*. (2006) 16, 32-40
5. Construction of a beta globin gene replacement vector and evaluating the biological activity of its selection markers in COS-7 cell line. H. Khan-Ahmad<sup>1</sup>, M.A. Shokrgozar<sup>2</sup>, K. Alimoghadam<sup>3</sup>, K. Azadmanesh<sup>4</sup>, A.R. Niavarani<sup>1</sup>, M. Karimi<sup>1</sup>, B. Rabbani<sup>1</sup>, **R. Bagheri**<sup>1</sup>, M. Khalili<sup>1</sup>, F. Maryami<sup>1</sup>, S. Zeinali<sup>1</sup>. <sup>1</sup>Biotechnology research center, Pasteur Institute of Iran, Tehran, Iran. <sup>2</sup>National cell bank of Iran, Pasteur institute of Iran. <sup>3</sup>Hematology, Oncology and BMT Research Center, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran. <sup>4</sup>Department of Hepatitis and AIDS Pasteur Institute of Iran, Tehran, Iran. *Yakhteh, Semnan University of Medical Sciences*. 2006 (ACCEPTED)

## ***Referees:***

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