

CURRICLUM VITAE



Name: (TAGHI NASERPOUR FARIVAR (B . SC . , M . SC . , PH . D

Place of Birth: Tehran

Date of Birth: 8.8.1966

Citizenship: Persian

Marital Status: Male,Married

Present Position: Microbiologist and Researcher in Cell and Molecular Research Center,Qazvin
University of medical Sciences

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Education:

2001	PhD (Microbiology)
1991	M.Sc (Bacteriology)
1989	B.Sc(Biology, Animal Sciences)

Awards:

2004	Outstanding Researcher Prize, Deputy of Research, Zahedan University, Zahedan, Iran
2002	Outstanding Researcher Prize, Deputy of Research, Zahedan University, Zahedan, Iran. UMSHS
1996	Ph.D Studentship, Ministry of Health, Treatment and Medical Education
1989	M.Sc Scholarship, Ministry of Health Treatment and Medical Sciences

Work Experience:

- Head of Molecular Diagnosis Laboratory, Cell and Molecular research Center, Qazvin University of Medical Sciences **2008- Present**
- Head of Molecular Diagnosis Laboratory, Research Institute of Infectious Disease and Tropical Medicine . *Zahedan University (2001-2008)*

Research Interests:

- Molecular Diagnosis of Human pathogens
- Molecular interaction of host and intracellular pathogens
- Molecular epidemiology of bacterial and viral pathogens
- Microbial Structure, Function and Genetics
- Nanotechnology applications in Microbiology

Present Research:

- Anti Tuberculosis effects of Nano-particles containing Rapamycin conjugated with anti ESAT-6 antibodies
- Incidence of *Helicobacter pylori* and It's resistance to Clarithromycin in tonsil samples of patients suffering from tonsil hypertrophy referring to Ghods Hospital by Allele-specific Scorpion Real Time PCR
- Genetic polymorphism in NRAMP 1 gene in healthy individual and Pulmonary tuberculosis

patients

Publications:

- 2012 Prevalence of Tuberculous and Non Tuberculous Mycobacteria Isolated From Archival AFB Positive Smear Slides By Taqman Realtime PCR (Ahead of Print)
- 2012 Prevalence of Clarithromycine resistance *Helicobacter pylori* in Chronic tonsillitis by Multiplex Scorpion Real time PCR (submitted)
- 2012 Agreement rate of Scorpion Real time PCR, PCR and Microscopy in diagnosing *Helicobacter pylori* J.Global Infect. (Ahead of Print)
- 2012 Prevalence of *H.pylori* in Chronic tonsillitis by Scorpion Real time PCR. J.Global Infect. (Accepted)

- 2011 Genotyping of Hepatitis C Virus isolated from hepatitis patients in Southeast of Iran by Taqman Realtime PCR PJMA(2011,Ahead of Print)
- 2010 Application of PCR and adenosine deaminase assay test for the diagnosis of Tuberculosis meningitis infection. *Iranian J Neurology*.2009;8:651-658
- 2009 The effects of hydro alcoholic-extract garlics on depression induced by reserpine in rats.*Iranian J Neurology*.2009;8:527-534
- 2008 Mutation in Alkylhydroperoxidase D gene dramatically decreases persistence of *Mycobacterium bovis* in infected macrophages. *Ind.J.Med.Sci*.62(7):275-282
- 2008 Apolipoprotein E Polymorphism in Tuberculosis Patients.*J.Appl.Sci*.8(4):719-722
- 2006 Antituberculosis effects of *Ocimum sanctum* extracts in vitro and in infected Macrophage.*J.Med.Sci*. 2006; 6(4); 254-259.
- 2006 Prevalence of *Chlamydia Trachomatis* within culture negative urine specimens in Southeast of Iran.*J.Med.Sci*. 2006;6(2):245-248
- 2006 Drug resistance of *Mycobacterium tuberculosis* strains isolated from patients with Pulmonary tuberculosis in southeast of Iran.*J.Med.Sci*. 2006;6(2):275-278
- 2006 Prevalence of Non tuberculosis mycobacteria in southeast of Iran. *J.Med.Sci*. 2006;6(2):292-295
- 2006 The comparison of six month and four month regimens of chemotherapy in the Treatment. Batoul Sharifi Mood,Maliheh Metanat,Roya Alavi,H.R.Kouhpayeh, Masoud Salehi,M.Nadri,S.M.Hashei,Taghi Naserpour *Journal of Medical Scienc*.2006,6:243-248
- 2006 Disseminated *M.chelonae* infection in immunocompromised patients. *Medical Journal of the Iranian Red Crescent*.Batoul Sharifi Mood, Maliheh Metanat, Roya Alavi,H.R.Kouhpayeh,Taghi Naserpour.2006,8 :95-103
- 2004 Recurrent Non typhoidal salmonella bacteremia. Batool Sharifi,Minoo Mohraz, S.D.Mansouri,R.A.Naini,H.R.Kouhpayeh,M.Naderi,O.F.Santos,G.Vogt,A.Chapgicr, JL.Casanova,Taghi Naserpour Farivar .*Journal of Allergy,Asthma and Immunology* 2004,3:103-108

Effect of PPAR δ Agonist on Stearoyl-CoA Desaturase 1 in Human Pancreatic Cancer Cells: Role of MEK/ERK1/2 Pathway

Sensitivity and Specificity of TaqMan Real Time PCR, PCR, Microscopy and Culture in Diagnosis of Tuberculous Meningitis in a High Incidence of Tuberculosis Province in Southeast of Iran

Emergence of TEM, SHV, and CTX-M-Extended Spectrum β -Lactamases and Class 1 Integron Among *Enterobacter cloacae* Isolates Collected from Hospitals of Tehran and Qazvin, Iran.

Rutin activates the MAPK pathway and BDNF gene expression on beta-amyloid induced neurotoxicity in rats.

The relationship between gastric cancer and Helicobacter pylori in formaldehyde fixed paraffin embedded gastric tissues of gastric cancer patients-scorpion real-time PCR assay findings.

Effects of rutin on oxidative stress in mice with kainic acid-induced seizure.

Prevalence of clarithromycin-resistant Helicobacter pylori in patients with chronic tonsillitis by allele-specific Scorpion real-time polymerase chain reaction assay.

Nano - drug Delivery of Apoptosis Activator 2 to AGS Cells by Liposomes Conjugated with Anti-TROP2 Antibody.

Lack of association between Chlamydia trachomatis infection and cervical cancer--Taq Man realtime PCR assay findings.

Assessment of Prevalence of Non-tuberculous Mycobacteria in Archival Acid-fast Bacilli Positive Smear Slides by TaqMan Real-time PCR Assay.

Lack of association between herpes simplex virus type 2 infection and cervical cancer--Taq Man realtime PCR assay findings.

Agreement rate of rapid urease test, conventional PCR, and scorpion real-time PCR in detecting helicobacter pylori from tonsillar samples of patients with chronic tonsillitis.

Genotyping of hepatitis C virus isolated from hepatitis patients in Southeast of Iran by Taqman Realtime PCR.

Mutation in alkylhydroperoxidase D gene dramatically decreases persistence of Mycobacterium bovis bacillus calmette-guerin in infected macrophage.

Development and evaluation of a Quadruplex Taq Man real-time PCR assay for simultaneous detection of clinical isolates of Enterococcus faecalis, Enterococcus faecium and their vanA and vanB genotypes

Application of PCR and adenosine deaminase assay test for the diagnosis of tuberculous meningitis infection

In Iranian Journals Approved by Iranian Ministry of Health

- 2005 Prevalence of Beta Hemolytic Group A streptococci among Elementary school children in Zahedan. Bordji A, shahraki S.H., Naserpour Farivar T., Fazaeli A.J. of Zanjan UMSHS, 2005, 13:49-54
- 2005 Seroepidemiology of Toxoplasma in. Sharifi oud B., Salehi M., T., Nasepour Farivar T. Journal of Research in Health Sciences. 2004, 4:23-27
- 2004 Comparison of sensitivity and specificity of PCR with smear and culture in Diagnosis of Mycobacterium tuberculosis in patient referring To Bou-Ali hospital, Zahedan Iran. Journal of Mazandaran UMSHS (Journal of medical faculty, Guilan, 13, 59-63, 2005)
- 2004 Diagnosis of bacterial endophthalmitis by Nested PCR (in BINA, Official Journal of Iranian association of ophthalmology (in press)
- 2004 Naserpour Farivar T., Hawaii A., Tamizifar H., Derivitazation, Extraction and Purification of High molecular weight Mycolic acid of Mycobacterium bovis BCG by HPLC. Tabib-Shargh, Journal of Zahedan UMSHS, 2004, Vol:5; No:1; 53-61
- 2003 Naserpour-Farivar T., Sharifi Moud B., Salehi M. Incidence of Non

- Tuberculosis Mycobacteria in Zahedan Tabib-Shargh Journal of Zahedan UMSHS, 2003, Vol: 4;No:1;27-32
- 2002 Hawaii A., Naserpour-Farivar T., Saffari M., Extraction and purification of the capsule of Staphylococcus aureus type 2. Feyz journal of Kashan UMSHS, 2002, No. 19; 41-46
- 2001 Hawaii A., Naserpour-Farivar T., Tamizifar, H., Naderi G.A. Rapid Identification of Mycobacterium Tuberculosis complex by HPLC. Research in Medical Sciences. 2001; vol: 5; 347-353
- 2000 Hawaii A., Naserpour-Farivar T., Tamizifar H., Naderi G.A., Differentiation Of M. tuberculosis and M. bovis by HPLC. Journal of Isfahan Medical School 2000, vol. 18, No. 59, 56-61

Abstracts:

Symposia:

- 2004 Using PCR for diagnosis and identification of bacterial endophthalmitis (International Congress of Ophthalmology, Tehran, Iran)
- 2003 Drug resistance of Mycobacterium tuberculosis strains isolated from patients with pulmonary tuberculosis in Zahedan (17th Asia Pacific Congress on Diseases of the Chest, Istanbul, Turkey)
- 2003 Validity of ESR for diagnosis of adult pulmonary tuberculosis (17th Asia Pacific Congress on Diseases of the Chest, Istanbul, Turkey)
- 2003 Designation of an in-house ELISA for detection of VZV IgG and determination of antibody avidity by Use of Diethylamine (2nd Iranian Congress on Virology, Tehran, Iran)
- 2002 Prevalence of resistance to Rifampin and its mutations in Mycobacterium tuberculosis strains isolated from patients referring to Bou-Ali hospital, Zahedan UMSHS (16th National Congress of tuberculosis, Zahedan, Iran)
- 2002 Rapid Diagnosis and strain identification of Tuberculosis in patients referring to Bou-Ali hospital by SPOLIGOTYPING (16th National Congress of tuberculosis, Zahedan, Iran)
- 2002 Tuberculous Radiculomyelitis, Report of five cases (16th National Congress Tuberculosis, Zahedan, Iran)
- 2002 RFLP pattern of DNA in Mycobacterium tuberculosis strains isolated from patient referring to Bou-Ali Hospital (16th National Congress of Tuberculosis, Zahedan, Iran)
- 2002 Protein fingerprinting of Mycobacterium tuberculosis, A new way for identification of tuberculosis (16th National Congress of Tuberculosis, Zahedan, Iran)
- 2000 Rapid and Direct Identification of tuberculosis by GLC (Third Iranian National Congress of Microbiology, Hamadan, Iran)
- 1995 Study of 5680 Clinical Specimens for Tuberculosis and Mycobacteria Other Than Tuberculosis in Bou-Ali Hospital, Zahedan, IRAN (11th national Congress of Tuberculosis, Zibakenar, IRAN)
- 1992 Case Report: Arthritis With Mycobacterium Other Than Tuberculosis (First Iranian Congress Of Microbiology, Sari, IRAN)

Courses:

- 2005 Sabbatical, Division of Immunology and Infectious Disease, Coastal Health Research Institute, School of medicine, University of British Columbia, Vancouver, CANADA
- 2004 HLA-PCR Workshop: Class I and II typing, Inno-train co, Germany (organized in Tehran)
- 1992 Electrophoresis workshop, Zahedan UMSHS, Zahedan, IRAN
- 1991 Retraining Period on Mycobacteria, Chlamydia and Mycoplasma. Institute of Hygiene, Tehran UMSHS, Tehran, IRAN

Workshops:

- 2009 Gene Cloning workshop:Qazvin University of Medical Sciences
2004 HLA-PCR Workshop:Class I and II typing,Inno-train co,Germany
(organized in Tehran)
1992 Electrophoresis workshop,Zahedan UMSHS,Zahedan,IRAN