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Curriculum Vitae



Personal Data:

Name: Mazyar Ziyaeyan

Date of Birth; citizenship: April 30th, 1971, Iran

Place of Birth: Tehran

Mailing Address: Professor Alborzi Clinical Microbiology Research Center, Shiraz University of Medical Sciences, Namazi General Hospital, 7193711351, Shiraz, Iran

Telephone Number: +98-711-6474296, +98-711-6474264

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Marital Status: Married

Children: Two children

Education:

Sep. 2000-Oct. 2005 PhD in Medical Virology, Tarbiat Modares University, Tehran, Iran

Sep. 1995-Sep. 1998 MSc in Medical Virology, Tarbiat Modares University, Tehran, Iran

Sep. 1990-Jan. 1995 BSc in Microbiology, Azad University, Kazeroun, Iran

Professional Experiences and Academic/Scientific Positions:

Nov. 2002 - Sep. 2005: Instructor of Virology, and Supervisor of Viral Research/Diagnostic Laboratory of Professor Alborzi Clinical Microbiology Research Center, Shiraz University of Medical Sciences

Oct. 2005 to date: Assistant Professor of Virology, and Supervisor of Viral Research/Diagnostic Laboratory of Professor Alborzi Clinical Microbiology Research Center, Shiraz University of Medical Sciences

Nov. 2006 to date: Technical in charge of Clinical Microbiology Diagnostic Clinic of Shiraz University of Medical Sciences

Mar. 2007 to date: Research director at Professor Alborzi Clinical Microbiology Research Center

Oct (8-10) 2008: Scientific Secretariat of the Second Iranian Congress of Clinical Microbiology

Jan. 2010: Editorial Board Member of Jundishapur Journal of Microbiology

Dec. 2011: Regional Editor Board Member of International Journal of Virology

Dec. 2011: Regional Editor Board Member of Research Journal of Microbiology

Dec. 2011: Regional Editor Board Member of Research Journal of Immunology

Dec. 2011: Regional Editor Board Member of Asian Journal of Biological Sciences

Dec. 2011: Regional Editor Board Member of Microbiology Journal

Honors and Awards:

First Best Microbiology BSc Graduate of 1995, Azad University, Kazeroun, Iran

First Best Medical Virology MSc Graduate of 1998, Tarbiat Modares University, Tehran, Iran

Nominated as a young researcher across the nation, 2008

Title of MSc Thesis: *“Virological and Sero-epidemiological Patterns of HSV1 and HSV2 Infection among Pregnant Women in Three Areas of Tehran”*

Title of PhD Thesis: *“Development of a Quantitative Competitive PCR-ELISA for Detection of HCMV in Bone Marrow Transplant Recipients”*

Licensure:

Tarbiat Modares University (A post-graduate university) *‘Teaching Certification in Medical Virology’*, Jan/2000, Certification No. 23446

Teaching Activities:

Established Courses and Teaching Workshops on:

- *“Tissue Culture and Virology”* (Virus Cultivation, Propagation, Titration, DIF, Serum neutralization and other classical virology techniques) as well as

- *“Principle and Practice of PCR”* for BSc, MSc and PhD students of basic sciences, and medical students, residents and fellows
- *“Diagnostic Virology”* for Pediatric Infectious Diseases fellows (a one month, 6 hour per day theoretical and practical course).
- *“Accurate Paper Analysis”* for PhD students
- *“laboratory practice in virology”* for PhD students

Research Areas and Interest:

Rapid Diagnostic of Viral Infection
 Viral infection in Transplant recipients
 Herpes viruses
 Viral Hepatitis
 Epidemiology of Viral Infection

Clinical Activities:

Diagnosis of viral infections:

1) Real-Time PCR for quantitative analysis:

Hepatitis C Virus, Hepatitis B Virus, Herpes Simplex Virus, Human Cytomegalovirus, Epstein- Bar Virus, Influenza A H1N1 pandemic 2009, Influenza A seasonal flu, Papilloma Viruses

2) PCR or RT-PCR for:

Hepatitis B Virus, Herpes Simplex Virus, Human Cytomegalovirus, Varicella Zoster Virus, Hepatitis C Virus, Enteroviruses and Rhinoviruses

3) Real-Time PCR for HCV Genotyping base on Gt specific probes

4) Enzyme Linked Immuno-Sorbent Assays for:

Anti-EBV capsid IgM, Anti-HIV total Ig, Anti-HCMV IgG/IgM, Anti-Parvovirus IgG/IgM, Anti-Measles Virus IgG/IgM, Anti-Mumps Virus IgG/IgM, Anti-Rubella Virus IgG/IgM, HBs Ag, Anti-HBc IgG/IgM/total Ig, HBe Ag, Anti- HBe IgG/IgM, Anti-HCV total Ig, HCV core Ag, Anti-VZV IgG/IgM, Anti-HAV total Ig/IgM, Anti-HEV IgG/IgM

5) Antigenemia Assay for HCMV

6) Tissue culture for virus isolation

7) Direct Immuno-fluorescent Staining for Respiratory Viruses (Influenza Viruses A, B, Parainfluenza Viruses 1, 2, 3, Adenoviruses, RSV) and for viral cytopathic effects confirmation on cell culture (Influenza Viruses A, B, Parainfluenza Viruses 1, 2, 3, Adenoviruses, RSV, HSV and Enteroviruses)

8) Plaque Reduction Assay for determination of HSV susceptibility to Acyclovir

9) Real-Time PCR for detection of TAMIFLU resistant influenza A

Current Projects (Grants):

1) Evaluation of Herpes Simplex Encephalitis Anti Viral Therapy Response by Quantitative Real-Time PCR.

2) Early Diagnosis and Monitoring of Cytomegalovirus Infection after Bone Marrow Transplantation by Quantitative Real-Time PCR.

3) Comparison between HCV Real-Time PCR and HCV-Core Antigen Load in Chronic Hepatitis C Patients who received Pegylated IFN or IFN as Treatment regime.

Memberships in Professional Societies:

Iranian Society for Virology
Iranian Society for Microbiology
Medical Council of I.R. Iran

Publications:

- a) **Ziyaeyan M**, Jamalidoust M, Japoni A, Moeini M. Hepatitis C virus transmission to the orphan infants born to infected mothers. Peer review.
- b) Behzadi MA, **Ziyaeyan M**, Asaei S. Hepatitis C Virus RNA detection in seropositive liver and kidney transplant recipients by quantitative Real-time PCR, Fars Province, Iran. Peer review.
- c) Behzadi MA, **Ziyaeyan M**, Asaei S. Hepatitis B virus DNA level among the seropositive Afghan immigrants, southern Iran. Peer review.
- d) Behzadi MA, Mehrabani D, Azizi S, Vahdani A, Namayandeh M, **Ziyaeyan M**. Molecular Detection of Cervical Infection with Herpes simplex virus, *Chlamydia trachomatis* and *Neisseria gonorrhoeae* among Women, Dubai, UAE. Peer review.
- 1) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Moeini M, Pouladfar GR, Pourabbas B, Namayandeh M, Moghadami M, Bagheri-Lankarani K, Mokhtari-Azad T. Pandemic 2009 Influenza A H1N1 Infection among 2009 Hajj Pilgrims from Southern Iran: A Real-Time RT-PCR-Based Study. Accepted for publication. (Influenza and other respiratory viruses)
- 2) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Japoni A, Badiie P, Moeini M. Diagnosis and Quantitative Detection of Herpes Simplex Virus DNA in Corneal Ulcers. *Int j Virol*, 2012; 8(3):279-284
- 3) **Ziyaeyan M**, Alborzi A, Borhani Haghighi A, Jamalidoust M, Moeini M, Pourabbas B. Diagnosis and quantitative detection of HSV DNA in samples from patients with suspected herpes simplex encephalitis. *Braz J Infec Dis* 2011; 15(3):211-214

- 4) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Badiie P, Moeini M, Kadivar A. Prevalence of hepatitis c virus genotypes in chronic infected patients, southern Iran. *Jundishapur J Microbiol* 2011; 4(3): 141-146.
- 5) Hosseini-nasab A, Alborzi A, **Ziyaeyan M**, Jamalidoust M, Moeini M, Pouladfar GR, Abbasian A, Kadivar MR. Viral etiology of aseptic meningitis among children. Southern Iran. *J Med Virol* 2011; 83(5):884-888.
- 6) Honar N, Imanieh MH, Dehghani SM, Haghighat M, Geramizadeh B, Yaghobi R, Alborzi A, **Zi[ya]e[ya]ian M**, Kazemi K, Nikeghbalian S, Bahador A, Salahi H, Malek-Hosseini SA. Evaluation of Cytomegalovirus Infection after Six Months of Liver Transplantation in Children in Shiraz, Southern Iran. *Int J Org Transplant Med* 2011; Vol. 2 (1): 20-23.
- 7) Japoni A, Jamalidoust M, Farshad S, **Ziyaeyan M**, Alborzi A, Japoni S, Raffatpour N. Characterization of SCCmec types and antibacterial susceptibility patterns of methicillin-resistant *Staphylococcus aureus* in Southern Iran. *Jpn J Infect Dis* 2011; 64(1):28-33.
- 8) Japoni A, **Ziyaeyan M**, Jamalidoust M, Farshad S, Alborzi A, Raffatpour N, Badiie p. Antibacterial susceptibility patterns and cross-resistance of methicillin resistant and sensitive *Staphylococcus aureus* isolated from the hospitalized patients in Shiraz, Iran. *Braz J Microbiol* 2010; 41: 567-573
- 9) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Moeini M, Pourabbas B. Seroepidemiology of Varicella Zoster Virus Infection among 1-70 year individuals in Iran. *Iran Red Crescent Med J* 2010; 12(2): 177-181
- 10) Japoni A, Kalani M, Farshad S, **Ziyaeyan M**, Alborzi A, Mehrabani D, Raffatpour N. Antibiotic resistant bacteria in hospitalized patients with bloodstream infection: analysis of some associated factors. *Iran Red Crescent Med J* 2010; 12(2): 164-172
- 11) Badiie p, Alborzi A, Shakiba E, **Ziyaeyan M**, Rasouli M. Molecular Identification and In-Vitro Susceptibility of *Candida albicans* and *C. dubliniensis* Isolated from Immunocompromised Patients. *Iran Red Crescent Med J* 2009; 11(4):391-397

- 12) Khanlari Z, Ravanshad M, Rasouli M, **Ziyaeyan M**, Falahi S. Comparison of Multiplex PCR-ELISA and conventional Multiplex PCR for detection of HIV-1/HCV co-infection. *Iran J Microbiol* 2009; 1(4):3-8
- 13) Alborzi A, Hosseini-nasab A, **Ze[i]yaei[y]an M**, Sanaei A, Kashef S. A Case of Hypogammaglobulinemia with Enteroviral Meningoencephalitis, Associated with Increased Adenosine Deaminase in Cerebrospinal Fluid. *Iran J Allergy Asthma Immunol* 2009; 8(2): 117-119
- 14) Japoni A, Farshad S, **Ziyaeyan M**, Ziaian S. detection of van-positive and negative vancomycin resistant Enterococci and their antibacterial susceptibility patterns to the newly introduced antibiotics. *Pak J Biol Sci* 2009; 12(11): 844-851
- 15) Dehghani SM, Shakiba MA, **Zi[y]aeyan M**, Imanieh MH, Haghighat M, Bahador A, Nikeghbalian S, Salahi H, Alborzi A, Malek-Hosseini SA. Vaccination status in pediatric liver transplant candidates. *Pediatr Transplant* 2009; 13(7): 820-2.
- 16) Alborzi A, Aelami MH, **Ziyaeyan M**, Jamalidoust M, Moeini M, Pourabbas B, Abbasian A. Viral Etiology of Acute Respiratory Infections Among Iranian Hajj Pilgrims, 2006. *J Travel Med* 2009; 16(4):239-42, DOI: 10.1111/j.1708-8305.2009.00301.x
- 17) Badiie p, Alborzi A, Shakiba E, **Ziyaeyan M**, Pourabbas B. Molecular diagnosis of *Aspergillus* endocarditis after cardiac surgery. *J Med Microbiol* 2009; 58(Pt 2):192-5.
- 18) **Ziyaeyan M**, Sabahi F, Alborzi A, Ramzi M, Mahboudi F, Pourabbas B, Kadivar M. Quantification of Human Cytomegalovirus DNA by a New Capture Hybrid Polymerase Chain Reaction Enzyme-Linked Immunosorbent Assay in Plasma and Peripheral Blood Mononuclear Cells of Bone Marrow Transplant Recipients. *Exp Clin Transplant*. 2008; 4: 294-300
- 19) Alborzi A, Pourabbas B, Shahian F, Mardaneh J, Pouladfar GR, **Ziyaeyan M**. Detection of *Leishmania infantum* kinetoplast DNA in the whole blood of asymptomatic individuals by PCR-ELISA and comparison with other infection markers in endemic areas, southern Iran. *Am J Trop Med Hyg* 2008; 79(6):839-842.

- 20) **Ziyaeyan M**, Sabahi F. Human cytomegalovirus: Infections and diagnosis. *Iran J Med Sci* 2008; 33 (3):127-132
- 21) Khanlari Z, Ravanshad M, Rasouli M, **Ziyaeyan M**. Development and application of a multiplex RT-PCR ELISA for detection of HIV/HCV co-infection. *Modares Med J* 2008; 11(1,2):57-63 in Persian
- 22) Pajand O, **Ziyaeyan M**, Mousavi S, Fatolahzadeh B, Hojabri Z, Bahador A, Abdossamadi Z. Comparison of antigenemia assay and semiquantitative polymerase chain reaction test for monitoring active cytomegalovirus infection in allogeneic hematopoietic cell transplant recipients. *Exp Clin Transplant* 2008; 6 (2):149-54
- 23) Japoni A, Gudarzi M, Farshad S, Basiri E, **Ziyaeyan M**, Alborzi A, Rafaatpour N. Assay for integrons and pattern of antibiotic resistance in clinical Escherichia coli strains by PCR-RFLP in Southern Iran *Jpn J Infect Dis* 2008; 61 (1): 85-88
- 24) Pourabbas B, **Ziyaeyan M**, Alborzi A, Mardaneh J. Efficacy of measles and rubella vaccination one year after the nationwide campaign in Shiraz, Iran. *Int J Infect Dis* 2008; 12 (1): 43-46. DOI: 10.1016/j.ijid2007.03.013
- 25) **Ziyaeyan M**, Alborzi A, Japoni A, Kadivar M, Davarpanah MA, Pourabbas B, Abbasian A. Frequency of acyclovir-resistant herpes simplex viruses isolated from the general immunocompetent population and patients with acquired immunodeficiency syndrome. *Int J Dermatol* 2007; 46(12):1263-1266. DOI: 10.1111/j.1365-4632.2007.03449.x
- 26) **Ziyaeyan M**, Pourabbas B, Alborzi A, Mardaneh J. Prevalence of antibody to human parvovirus B19 in pre- school age/young adult individuals in Shiraz, Iran. *Pak J Biol Sci* 2007; 10(10): 1763-1765
- 27) **Ziyaeyan M**, Alborzi A, Abbasian A, Kalani M, Moravej A, Nasiri J, Amiri A, Hashemi N, Sefiddashti F. (2007) Detection of HCMV DNA in placenta, amniotic fluid and fetuses of seropositive women by nested PCR. *Eu J Pediat* 166: 723-726. DOI: 10.1007/s00431-006-0314-x.

- 28) Hashemizadeh Z, Motamedifar M, **Ziyaeyan m.** (2007) the comparison of ELISA test and nested-PCR for detection of human cytomegalovirus infection. *Armaghane-danesh* 12(1): 89-97, in Persian
- 29) Pajand O, **Ziyaeyan M**, Mousavi A, Hojabri Z, Kazemi B, Bahador A, Hamidian M, Mousavi A, and Hashemi F B. (2007) Comparison of HCMV DNA load and antigenemia results in hematopoietic transplant recipients based on GVHD grade. *Tehran Uni. Med. J.* 64 (11): 18-24, in Persian
- 30) **Ziyaeyan M**, Japoni A, Roostae MH, Salehi S, and Soleimanjahi H. (2006) A serological survey of Herpes Simplex virus type 1 and 2 immunity in pregnant women at labor stage in Tehran, Iran. *Pak J Biol Sci* 10(1): 148-151
- 31) **Ziyaeyan M**, Sabahi F, Alborzi A, Mahboudi F, Kazemnejad A, Ramzi M, Moravej A, and Jaberi MM. (2006) Diagnosis and monitoring of Human cytomegalovirus Infection in Bone Marrow Transplant Recipients by Quantitative Competitive PCR. *Exp Clin Transplant* 4 (1): 470-474
- 32) Ravanshad M, Roustai MH, Mostafae A, Sabahi F, Soleimanjahi H, **Ziyaeyan M.** (2006) A Rapid Modified Antibody-Capture Enzyme-Linked Immunosorbent Assay (ELISA) for Detection HSV-1 Primary Infection in Human. *Shiraz E Med J* 7 (2)
- 33) **Ziyaeyan M**, Sabahi F, Alborzi A, Mahboudi F, Karimi M, Ramzi M, Abbasian A and A Kazemnejad. (2005) Development of a sensitive quantitative competitive PCR assay for detection of human cytomegalovirus DNA. *Iran. Biomed. J.* 9 (4): 187-191.
- 34) **Ziyaeyan M**, Rasouli M, and A Alborzi. (2005) The seroprevalence of parvovirus B19 infection among to be-married girls, pregnant women and their neonates in Shiraz, Iran. *Jpn. J.Infect. Dis.* 58(3): 95-97.
- 35) **Ziyaeyan M**, Rasouli M, and A Alborzi. (2004) The seroprevalence of parvovirus B19 infection among to be-married girls, pregnant women and their neonates in Shiraz, Iran. *Iran. J. Infect. Dis. Trop. Med.* 9 (25): 24-29. in Persian

Published Abstracts/Conference Presentations:

- 1) **Ziyaeyan M**, Namayandeh M. Detection of herpes simplex virus infection in mucosal and cutaneous ulcers of the suspected patients by real-time PCR. Poster presented at the 15th ICID, Bangkok, Thailand, June 13-16, 2012.
- 2) **Ziyaeyan M**, Asaei S. Investigation of Herpes Simplex Virus DNA in cerebrospinal fluid of suspected patients. Proceedings of International Scientific Exchange at the 15th ICID, Bangkok, Thailand, June 13-16, 2012.
- 3) **Ziyaeyan M**, Aliabadi N. Cytomegalovirus DNA load in the plasma from liver and kidney transplant recipients. Proceedings of International Scientific Exchange at the 15th ICID, Bangkok, Thailand, June 13-16, 2012.
- 4) Moini M, **Ziyaeyan M**, Aghaei Sh, Sagheb MM, Taghavi A, Moeini M, Jamalidoust M, Hamidpour L. Hepatitis C virus (HCV) screening using HCV core antigen in hemodialysis patients. Poster presented at the 22nd Conference of the Asian Pacific Association for the Study of the Liver. Taiwan, 16-19 February 2012.
- 5) **Ziyaeyan M**, Aliabadi N. Epstein-Barr virus DNA loads in the plasma of kidney and bone marrow transplant recipients. Poster presented at the Mahidol international conference on infections and cancers. Bangkok, Thailand, 6-8 February 2012.
- 6) **Ziyaeyan M**, Asaei S. Hepatitis C virus genotype determination in patients with HCV chronic infection in Southern Iran. Poster presented at the Mahidol international conference on infections and cancers. Bangkok, Thailand, 6-8 February 2012.
- 7) **Ziyaeyan M**, Aliabadi N. Diagnosis of Herpetic ocular infection in suspected patients by Real-Time PCR. Poster presented at the 4th Congress of Laboratory and Clinic. Tehran, Iran, 21-23 December 2011.

- 8) **Ziyaeyan M**, Ramzi M. Cytomegalovirus DNA load in the plasma of bone marrow transplant recipients. Poster presented at the 4th Congress of Laboratory and Clinic. Tehran, Iran, 21-23 December 2011.
- 9) **Ziyaeyan M**, Asaei S. Epstein-Barr virus DNA load in plasma from liver transplant recipients. Poster presented at the 4th Congress of Laboratory and Clinic. Tehran, Iran, 21-23 December 2011.
- 10) **Ziyaeyan M**, Asaei S. Genotypes two and four of HCV is uncommon in Shiraz, Southern Iran. Poster presented at the 4th International Tehran Hepatitis Congress. Tehran/Shiraz, 23-26 November 2011.
- 11) **Ziyaeyan M**, Aliabadi N. Investigation of Hepatitis B Virus occult infection in patients of a hemodialysis center in Fasa, Southern Iran. Poster presented at the 4th International Tehran Hepatitis Congress. Tehran/Shiraz, 23-26 November 2011.
- 12) **Ziyaeyan M**. Laboratory diagnosis of Epstein - Barr virus. Invited Lecture presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 13) **Ziyaeyan M**, Jamalidoust M, Moeini M. Hepatitis C Virus transmission to the orphan infants born to infected mothers. Oral presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 14) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Moeini M. Pandemic 2009 influenza A H1N1 infection among Iranian Hajj pilgrims 2009. Oral presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 15) Razlansari AA, Shahian M, **Ziyaeyan M**, Alborzi a, Moeini M, Jamalidoust M, Asaei S. the prevalence of Enteroviruses in neonatal sepsis. Oral presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.

- 16) Behzadi MA, **Ziyaeyan M**, Asaei S. Quantitative detection of HCV RNA in sero-positive liver and kidney transplant recipients by quantitative real-time PCR. Oral presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 17) Behzadi MA, **Ziyaeyan M**, Asaei S, Moeini M. Hepatitis B Virus DNA detection among the sero-positive Afghan immigrants, Southern Iran. Poster presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 18) Jamalidoust M, **Ziyaeyan M**, Asaei S, Behzadi MA, Moeini M. Human Immunodeficiency Virus prevalence among patients infected with Hepatitis C Virus. Poster presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 19) Asaei S, **Ziyaeyan M**, Behzadi MA. Hepatitis C Virus genotyping among referral HCV positive patients to Namazi Hospital during 2011. Poster presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 20) Moeini M, **Ziyaeyan M**, Alborzi A, Badiie P, Behzadi MA. The study of EBV primary infection incidence among suspected patients referred to Namazi Hospital. Poster presented at the 5th Iranian Congress of Clinical Microbiology. Shiraz, 8-10 November 2011.
- 21) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Moeini M, Pouladfr GR, Pourabbas B. Pandemic 2009 influenza A H1N1 infection among Iranian Hajj pilgrims 2009: A real-time RT-PCR and serological based study. Poster presented at the IMED 2011, Vienna, Austria. February 4–7, 2011
- 22) **Ziyaeyan M**, Alborzi A, Japoni A, Jamalidoust M, Pourabbas B. Monitoring of cytomegalovirus quantity and antigenemia following stem cell transplantation with a focus on plasma and PMN results. Poster presented at the IMED 2011, Vienna, Austria. February 4–7, 2011
- 23) Sasan MS, Alborzi A, **Ziyaeyan M**. Role of Enteroviruses in Neonatal sepsis in Shiraz. Oral presented at the 4th Iranian Congress of Clinical Microbiology. Isfahan, Iran. 9-11 November 2010,

- 24) **Ziyaeyan M**, Alborzi A, Borhani-Haghighi A, Jamalidoust M, Moeini M, Pourabbas B. Diagnosis and Quantitative Analysis of HSV Genome in Herpes simplex Encephalitis suspected patients. Poster presented at the 6th European Meeting on Molecular Diagnostics, Scheveningen, the Hague, the Netherlands. 22nd & 23rd October 2009
- 25) **Ziyaeyan M**. Laboratory diagnosis of Influenza infection. Invited Lecture presented at the 3rd Iranian Congress of Clinical Microbiology. Shiraz, 6-8 November 2009.
- 26) Omrani E, **Ziyaeyan M**, Farshad Sh, Jamshidzadeh A. Evaluation of antiviral and antibacterial effect of aqueous and hydro-alcoholic extract of *Fumaria parviflora*. Poster presented at the 3rd Iranian Congress of Clinical Microbiology. Shiraz, 6-8 November 2009.
- 27) Alborzi A, Aelami MH, **Ziyaeyan M**, Jamalidoust M, Moeini M, Pourabbas B, Abbasian A. Is Influenza a common virus in acute respiratory infections among Hajj pilgrims? Oral presented at the 3rd Iranian Congress of Clinical Microbiology. Shiraz, 6-8 November 2009.
- 28) Pouladfar GR, Alborzi A, **Ziyaeyan M**, Jamalidoust M, Abbasian A, Moeini M. Viral etiology of bronchiolitis and infectious asthma among hospitalized children. Oral presented at the 3rd Iranian Congress of Clinical Microbiology. Shiraz, 6-8 November 2009.
- 29) Sasan MS, Alborzi A, **Ziyaeyan M**, Aseptic meningitis in infant and children of shiraz in era before Mumps vaccination. Poster presented at the 3rd Iranian Congress of Clinical Microbiology. Shiraz, 6-8 November 2009.
- 30) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Moeini M, Pourabbas B, Kadivar A. the prevalence of HCV genotypes in Hepatitis C chronic patients, southern Iran. Poster presented at the IMED 2009, Vienna, Austria. February 13–16, 2009.
- 31) **Ziyaeyan M**, Alborzi A, Jamalidoust M, Moeini M, Pourabbas B. Diagnosis and Quantitative Analysis of HSV genome in corneal ulcers. Poster presented at the IMED 2009, Vienna, Austria. February 13–16, 2009.

- 32) **Ziyaeyan M**, Sabahi F, Alborzi A, Ramzi M, Mahboudi F, Pourabbas B, Kadivar M. Quantification of Human cytomegalovirus DNA by a new capture-hybrid PCR-ELISA in plasma and peripheral blood mononuclear cells of bone marrow transplant recipients. Poster presented at the 2nd Iranian Congress of Clinical Microbiology. Shiraz, 7-9 October 2008.
- 33) Pouladfar GR, Alborzi A, **Ziyaeyan M**, Jamalidoust M, Abbasian A, Moeini M. Association of respiratory virus infections with disease severity and other risk factors in acute wheezing in hospitalized children, Shiraz, October 2006 –April 2007. Oral presented at the 2nd Iranian Congress of Clinical Microbiology. Shiraz, 7-9 October 2008.
- 34) Hosseinasab A, Alborzi A, **Ziyaeyan M**, Jamalidoust M, Moeini M, Abbasian A. Incidence and Etiology of Viral Aseptic Meningitis in 2 Month to 15 Years Old Hospitalized Children in Shiraz. Oral presented at the 2nd Iranian Congress of Clinical Microbiology. Shiraz, 7-9 October 2008.
- 35) Dehghani SM, Shakiba MA, **Ziyaeyan M**, Imanieh MH, Haghighat M, Alborzi A, Malek Hosseini SA. Evaluation of the vaccination status in pediatric liver transplant candidates. Poster presented at the 2nd Iranian Congress of Clinical Microbiology. Shiraz, 7-9 October 2008.
- 36) Hosseinasab A, Alborzi A, **Ziyaeyan M**, Jamalidoust M, Moeini M, Abbasian A. Simultaneous recovery of bacterial and viral pathogens from cerebrospinal fluid. Poster presented at the 2nd Iranian Congress of Clinical Microbiology. Shiraz, 7-9 October 2008.
- 37) **Ziyaeyan M**, Alborzi A, Japoni A, Kadivar M, Davarpanah MA, Pourabbas B and Abbasian A. Frequency of Acyclovir-resistance herpes simplex viruses isolated from general immunocompetent population and AIDS patients. Poster presented at the 161st SGM Meeting. Edinburgh September, 2007.
- 38) **Ziyaeyan M**, Pourabbas B, Alborzi A, and Mardaneh J. Prevalence of antibody to human parvovirus B19 in pre-school age/young adult individuals in Shiraz, Iran. Poster presented at the 161st SGM Meeting. Edinburgh September, 2007.

39) **Ziyaeyan M**, Alborzi A, Abbasian A, Moravej A, Kalani M, Nasiri J, Amiri A, Hashemi N, Sefiddashti F, Rafatpour N. Detection of HCMV Congenital Infection by Nested PCR and Serology Methods. Poster presented at the 12th international congress on infectious diseases. Lisbon June, 2006.

40) **Ziyaeyan M**, Sabahi F, Alborzi A, Mahboudi F, Ramzi M, Moravej A. Design of a Quantitative PCR-ELISA for Diagnosis and Titration of Human Cytomegalovirus (HCMV) in Bone Marrow Transplant Recipients. Poster presented at the 12th international congress on infectious diseases. Lisbon June, 2006.

41) Rasouli M, Ravanshad M, **Ziyaeyan M**. Mumps in Iran: epidemiology and antibody prevalence. Poster presented at the 12th international congress on infectious diseases. Lisbon June, 2006.

42)* Rasouli M, **Ziyaeyan M**, Kiany S, Abbasian A, Dehyadegari MA, Rafatpour N, Alborzi A. HBV and HCV dual infection in south of iran. Poster presented at the 6th Iranian congress of gastroenterology and hepatology. Mashhad, November, 2006.

*the two first authors equally participated to this work.

43)* Rasouli M, **Ziyaeyan M**, Kadivar M, Kiany S, Abbasian A, Dehyadegari MA, Rafatpour N, Alborzi A. HBV and HIV co-infection in Iranian patients. Poster presented at the 6th Iranian congress of gastroenterology and hepatology. Mashhad, November, 2006.

*the two first authors equally participated to this work.

44) **Ziyaeyan M**, Alborzi A, Abbasian A, Moravej A, Kalani M, Nasiri J, Sefiddashti F, Rafatpour N. (2005) Detection and comparison of HCMV infection among pregnant women and their neonates by PCR and serology methods. Oral presentation at the 14th Iranian congress on Infectious Disease and Tropical Medicine. Tehran, Dec. 17-21, 2005.

45)* Rasouli M, **Ziyaeyan M***, Abbasian A, Rafatpour N, Dehyadeghari MA, Kiany S, Kadivar M, Alborzi A. HCV/HIV co-infection in Iranian patients. Poster presentation at the 14th Iranian congress on Infectious Disease and Tropical Medicine. Tehran, Dec. 17-21, 2005.

*the two first authors equally participated to this work.

- 46) **Ziyaeyan M**, Sabahi F, Alborzi A, Mahboudi F, Karimi M, Moravej A. Design of a Quantitative PCR-ELISA for Diagnosis and Titration of Human Cytomegalovirus (HCMV) in Clinical Specimens. Presented at the 8th Iranian Congress of Biochemistry and First International Congress of Biochemistry & Molecular Biology Tehran, Sept. 11-15, 2005
- 47) Hashemizadeh Z, Motamedifar M, **Ziyaeyan M**, Torabjahromi A, Kasraeyan L, Moravej A. Seroprevalence of human cytomegalovirus (HCMV) infection in healthy Blood donor and its comparison with Nested PCR. Poster presented at the 5th Iranian congress of Hematology, Oncology. Shiraz, 22-24 June 2005
- 48) **Ziyaeyan, M.**, Rasouli, M., and Alborzi, A. The seroprevalence of parvovirus B19 infection among to be-married girls, pregnant women and their neonates in Shiraz, Iran. Poster presented at the 2nd Iranian congress on Virology. Tehran Feb. 13-15, 2004.
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Report to Gene bank:

1) Human herpesvirus 5 isolate IR1 glycoprotein B gene, partial cds, DQ089700.1 GI:68137397

2) Shigella dysenteriae isolate IR-SH-F2 24 kDa virulence protei and IppI virulence protein genes, partial cds, DQ137136.1 GI:71063658

- 3) *Shigella dysenteriae* truncated IpaH gene, partial cds, DQ132807.1 GI:71391566
- 4) glycoprotein B [Human herpesvirus 5], AAY85628.1 GI:68137398
- 5) 24 kDa virulence protein [*Shigella dysenteriae*], AAZ22351.1 GI:71063659
- 6) IppI virulence protein [*Shigella dysenteriae*], AAZ22352.1 GI:71063660
- 7) truncated IpaH [*Shigella dysenteriae*], AAZ31746.1 GI:71391567

Theses Supervised and Advised

- 1) The prevalence of Enteroviruses in neonatal sepsis By Dr. AA. Razlansary, subspecialty in pediatric infectious diseases thesis, 2011. **Advised**
- 2) The comparison of antibody response to standard intramuscular and half dose intradermal influenza vaccine in patient on long term hemodialysis in Shiraz, 1388. By Dr. S. Saeian, specialty in internal medicine thesis, 2011. **Advised**
- 3) Relationship between HHV6 infection and HCMV reactivation in liver transplant recipient. By Dr. E. Sadeghi, subspecialty in pediatric infectious diseases thesis, 2010. **Supervised**
- 4) Assessment of congenital transmission of *leishmania infantum* by PCR-ELISA method in an endemic area in Southern Iran. By Dr. N. Mostafavi, subspecialty in pediatric infectious diseases thesis, 2009. **Advised**
- 5) Evaluation of vaccination and immunity status of Measles, Rubella, Mumps, tetanus, diphtheria, poliomyelitis, pertussis hepatitis A and B in pediatric patients who are referred to liver transplant ward of namazi hospital, Shiraz, Iran. By Dr. AM Shakiba, specialty in pediatrics thesis, 2009. **Advised**

- 6) Comparison between HCV real-time PCR and HCV core Ag load in chronic hepatitis C patients who received pegylated IFN or IFN as treatment regime. By Dr. Sh. Aghaei, subspecialty in gastrointestinal diseases thesis, 2009. **Supervised**
- 7) Incidence and etiology of viral aseptic meningitis in 2 month to 15 years old hospitalized children in Shiraz 2007. By Dr. A. Hosseini-Nasab, subspecialty in pediatric infectious diseases thesis, 2008. **Supervised**
- 8) Development and application of a multiplex RT-PCR ELISA for detection of HIV/HCV co-infection. By Z. Khanlari, Medical virology MSc. thesis, 2008. **Advised**
- 9) Association of respiratory viruses with acute wheezing in hospitalized children Shiraz, 2006-2007. By Dr. GR. Pouladfar, subspecialty in pediatric infectious diseases thesis, 2007. **Supervised**
- 10) Viral etiology of acute respiratory infections among Shirazian pilgrims to the Hajj in 2006. By Dr. MH Aelami, subspecialty in pediatric infectious diseases thesis, 2007. **Supervised**
- 11) Cellular behavior and scanning electron-microscopy evaluation of pro-root MTA, root and modified MTA on L929 fibroblast. By Dr. S Shahsiah, specialty in endodontic thesis, 2006. **Advised**
- 12) Evaluation of antiviral, antibacterial and immuno-modulatory effect of hydro-alcoholic extract of *Fumaria parviflora*. By Dr. E. Omrani, Pharm., D. thesis, 2006. **Supervised**
- 13) Evaluation of placenta, amniotic fluid, and fetus involvement in HCMV seropositive women. By Dr. A Amiri, MD thesis, 2005. **Advised**
- 14) Detection of the role of the Enteroviruses in childhood meningitis in Shiraz. By Dr. MS Sasan, subspecialty in pediatric infectious diseases thesis, 2002. **Supervised**

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