

Curriculum Vitae

Personal Data:

- **Surname:** Jamalidoust
- **First name:** Marzieh
- **Date of Birth:** 21.9.1978
- **Address:** Prof. Alborzi Clinical Microbiology Research Center, Shiraz University of Medical Sciences, Shiraz, Iran
- **Telephone Number:** +98-7136474296, +98-7136474264
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- **Marital Status:** Married Children: one child

Educational Background:

- PhD in medical virology, Tarbiat Modares University, Faculty of Medical Science, 2010 up to 2016
- MSc of Medical Virology, Tarbiat Modares University, Faculty of Medical Science, 2002-2005
- B.S of Laboratory Science, Uremia University, Iran, 2000-2002
- Associate degree in Laboratory Sciences, Shahrekord University, Iran 1998-2000
- Diploma, Bahonar High School, Shiraz, Iran, 1997

Professional Experiences and Academic/Scientific Positions:

February 2016 up to now. Assistant Professor of Virology (Full-time academic staff), and Supervisor of Viral Research/Diagnostic Laboratory of Clinical Microbiology Research Center, Shiraz University of Medical Sciences

December 2019 to date. Technical in charge of Clinical Microbiology Diagnostic Clinic of Shiraz University of Medical Sciences, Namazi Hospital, Shiraz, Iran.

February 2020 to date. Technical in charge of SARS-CoV-2 Diagnostic lab of Shiraz University of Medical Sciences, Namazi Hospital, Shiraz, Iran

Executive secretary of “The 7th International Iranian Congress of Clinical Microbiology”, 2013, Shiraz-Iran

Honors and Awards:

- Nominated as a young researcher across the nation, of Shiraz University of Medical Sciences, 2017
- First Rank, Certification Examination of PhD virology exam
- The 3th Medical Virology PhD Graduate of 2013, Tarbiat Modares University, Tehran (mean:19.16)
- The best Medical Virology MSc Graduate of 2005, Tarbiat Modares University, Tehran (mean:18.91)
- The Best Laboratory Science Graduate of 2002, Uremia University (mean 17.18)
- The Best associate Laboratory Sciences Graduate of 1998 Shahrekord University 1998-2000 (mean 17.08)

Title of MSc Thesis:

The Preparation of Protein G-2 of Herpes Simplex Virus Type-2 (HSV-2) in Prokaryotic System to Show Type Specific Antibody against This Virus

Title of PhD dissertation:

Preparation of AAV-IL4/IL10 recombinant expression Vector and analysis of its modulated effect on A β -induced cytokines in B92 cell line

BOOK:

- Hepatitis and HIV (Diagnosis, Drug resistance, Modern therapies)
- Comprehensive Dictionary of MEDICAL VIROLOGY

Research Areas and Interest:

Viral infection in Transplant recipients (CMV, EBV...)

HCV and other blood-viral infection
microRNA and viral infection
Encephalitis, Meningitis viral infection agents
SARS-CoV-2 and other respiratory disease

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 and SARS-CoV-2

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 based 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

International article

68- Kargar F, Rahmati M, **Jamalidoust M**, Mortazavi M, Savardashtaki A, et al. Human Papillomavirus (HPV16 and HPV18) Infection; Pathogenesis, Vaccination, and Detection by Loop-Mediated Isothermal Amplification with Lateral Flow Dipstick Tests: A Review. *Arch Pediatr Infect Dis*. 2024;12(2):e140119. DOI: <https://doi.org/10.5812/apid-140119>

67- **Jamalidoust, M.**, Jalil, M., Ashkan, Z. et al. COVID 19 infection clinical features in pediatric patients in Southwestern Iran: a cross-sectional, multi-center study. *BMC Infect Dis* 23, 828 (2023). <https://doi.org/10.1186/s12879-023-08720-z>

66- Adl A, Sedigh-Shams M, **Jamalidoust M**, Rajabzadeh Z. Evaluating the Effect of Gargling with Hydrogen Peroxide and Povidone-Iodine on Salivary Viral Load of SARS-CoV-2: A Pilot Randomized Clinical Trial. *Nigerian Journal of Clinical Practice*. 2023 Oct 24;26(4):391-6.

65- Sheikhi N, **Jamalidoust M**, Letafati A, Shahzamani K, Sanaei Dashti A, et al. Association of IL-10 Gene in Protection Against COVID-19 Disease. *Jundishapur J Microbiol*. 2023;16(7):e138241. <https://doi.org/10.5812/jjm-138241>.

64- **Jamalidoust, M.**, Eilami, O., Ashkan, Z. et al. The rates and symptoms of natural and breakthrough infection pre- and post-Covid-19 non-mRNA vaccination at various peaks amongst Iranian healthcare workers. *Viol J* 20, 182 (2023). <https://doi.org/10.1186/s12985-023-02156-2>

63- Rezazadeh F, Shojaei R, **Jamalidoust M**, Khosropanah H, Tabesh A. Effect of periodontal surgery on the salivary Herpes simplex virus-1 levels-a pilot study. *Journal of Oral Biology and Craniofacial Research*. 2023 Jul 1;13(4):482-5. <https://doi.org/10.1016/j.jobcr.2023.05.005>

62- Rezaei Z, Asaei S, Sepehrpour S, **Jamalidoust M**, Namayandeh M, Norouzi F, Pourabbas B. SARS-CoV-2 variants circulating in the Fars province, southern Iran, December 2020–March 2021: A cross-sectional study. *Health Science Reports*. 2023 Jun;6(6). doi: 10.1002/hsr2.1373

61- **Jamalidoust M**, Hamzavi SS, Shorafa E, Namayandeh M, Batool L, Abootalebi SN. Comparing clinical presentation, viremia, and immunological factors at various severity presentations in hospitalized children affected by COVID-19: a cross-sectional study. *Health Sci Rep*. 2023;6:e1259. doi:10.1002/hsr2.1259

60- Amanati A, Shahriari M, Bordbar MR, Hedayati SB, Ziyaeyan M, **Jamalidoust M**, Kalani M, Heydari Marandi N. Severe acute respiratory syndrome coronavirus-2 Alpha variant (B. 1.1. 7), original wild-type severe acute respiratory syndrome coronavirus 2, and cytomegalovirus co-infection in a young adult with acute lymphoblastic leukemia, case report, and review of the possible cytomegalovirus reactivation mechanisms. *Journal of Medical Case Reports*. 2023 Feb 10;17(1):66.https://doi.org/10.1186/s13256-022-03750-8

59- Dashti AS, Hassani AH, Mohammadrezaee M, Najafi M, Esfehiani AT, Namayandeh M, Salami S, Eizadpanah S, **Jamalidoust M**. A Comparative Study of the Diagnostic Value of Once and Twice Nasopharyngeal, Oropharyngeal, and Anal Swabs, and Saliva Specimens in COVID-19 Infection. *Jundishapur Journal of Microbiology*. 2023;16(12).2023;16(12):e142399. DOI: https://doi.org/10.5812/jjm-142399

58- Saeb S, Talei GR, Ghaziasadi A, Letafati A, Khanizadeh S, **Jamalidoust M**. Molecular, Immunological, and Clinical Characterization of SARS-CoV-2 Infection in Breakthrough-Infected Healthcare Workers During the Last Wave of The Pandemic in Shiraz, Iran. *Jundishapur Journal of Microbiology*. 2023;16(11). DOI: https://doi.org/10.5812/jjm-142644

57- Aliabadi N, **Jamalidoust M**, Pouladfar G, Marandi NH, Ziyaeyan M. Characterization and phylogenetic analysis of Iranian SARS-CoV-2 genomes: a

phylogenomic study. Health Sci Rep. 2023;6:e1052.doi:10.1002/hsr2.1052ALIABADI ET AL .

56- Jalil M, Ashkan Z, Gholamnezhad M, Jamalidoust S, **Jamalidoust M**. Effect of COVID-19 on healthcare workers' morbidity and mortality compared to the general population in Kohgiluyeh and Boyer-Ahmad Province, Iran. Health Sci Rep. 2022;e961. doi:10.1002/hsr2.961

55- **Jamalidoust M**, Eskandari M, Ziyaeyan M. Seroprevalence versus active HCV infection in hemophilia and thalassemia patients, Shiraz, Iran. Archives of Clinical Microbiology 13 (7), 1-3

54- **Jamalidoust M**, Ashkan Z, Pouladfar G, Asaei S, Aliabadi N, Abbasi P, Namayandeh M, Ziyaeyan M. Prevalence and clinical presentation of COVID-19 in health care workers in two main hospitals during the pandemic in Shiraz, Iran. Archives of Pediatric Infectious Diseases. 2022 Oct 31;10(4). DOI: <https://doi.org/10.5812/pedinfect-121753>

53- **Jamalidoust M**, Zare M, Namayandeh M, Ziyaeyan M. Morbidity and Mortality Rate of Post-transplantation Lymphoproliferative Disorders after Epstein-Barr Virus Infection in Liver Transplant Recipients in Shiraz, Iran. GOVARESH 27 (2), 71-78.

52- Aliabadi N, **Jamalidoust M**, Pouladfar G, Azarpira N, Ziyaeyan A, Ziyaeyan M. Evaluating the therapeutic efficacy of triptolide and (S)-10-hydroxycamptothecin on cutaneous and ocular Herpes Simplex Virus type-1 infections in mice. Heliyon. 2022 Aug 1;8(8). <https://doi.org/10.1016/j.heliyon.2022.e10348>

51- Aliabadi, N., N. Heydari Marandi, **M. Jamalidoust**, Z. Ashkan, G. Pouladfar and M. Ziyaeyan, Seroprevalence of Anti-SARS-CoV-2 Antibodies in High-Risk Occupational and Low-Risk Groups in Southwestern Iran. 2022. 15(7): p. e126975.

50- Aliabadi, N, **Jamalidoust M**, Pouladfar GhR , Ziyaeyan A and Ziyaeyan M. Antiviral activity of triptolide on herpes simplex virus in vitro. *Immunity, Inflammation and Disease*, 2022. 10(7): p. e667.

49- Zare, M., **M. Jamalidoust**, G.R. Pouladfar, A. Amanati, M. Shafaati, M. Namayandeh and M. Ziyaeyan, A case report of severe systemic infection with neurological HFMD symptoms followed by an accidental puncture of thumb during HFMD sample collection. *IDCases*, 2022. 27: p. e01434.

48- Namayandeh M, **Jamalidoust M**, Pouladfar GhR, Zare M, Ziyaeyan M. Role of Cytomegalovirus in the Development of Posttransplant Lymphoproliferative Disorders With or Without Epstein-Barr Virus Infection. *Experimental and Clinical Transplantation: Official Journal of the Middle East Society for Organ Transplantation*, 14 Jan 2022 , DOI: 10.6002/ect.2021.0433 PMID: 35037609

47- Pouladfar GhR, Sanaei Dashti A, Kadivar MR, Jafari M, Pourabbas B, **Jamalidoust M**, Asaei S. Evaluation of Multiplex Real-time PCR and WHO Criteria for Diagnosing Childhood Bacterial Meningitis in a Tertiary Referral Hospital in Iran. *Arch Pediatr Infect Dis*. 2022 July; 10(3):e101822

49- **Jamalidoust M**, Eskandari M, Ziyaeyan M. Prevalence of hepatitis C infection and its genotypes in the suspected hemodialysis patients, southwest of Iran. *Jundishapur J Microbiol*. 2021 November; 14(11):e118591.

46- **Jamalidoust M**, Shafaati M, Zare M, Kalani M, Ziyaeyan M. Introducing *let-7b* microRNA as an anti-HCV macromolecule as well as an apoptosis inducer in Huh7.5 infected cells. *Molecular Biology Reports* <https://doi.org/10.1007/s11033-021-06955-0>

45- Gharehchahi E, Dehghani F, Rafiee A, **Jamalidoust M** and Hoseini M. Investigating the presence of SARS-CoV-2 on the Surfaces, Fomites, and in Indoor Air of a referral COVID-19 Hospital in a Middle Eastern Area. : Researchsquare <https://doi.org/10.21203/rs.3.rs-422947/v1>

44- Ziyaeyan M, Azizi K, Pouladfar GR, Dorzaban H, Ziyaeyan A, Salek S, Hashemi A, **Jamalidoust M**, Widespread circulation of West Nile virus, but not Zika virus in southern Iran. *PLoS Negl Trop Dis*. 2018 Dec; 12(12): e0007022. Published online 2018 Dec 17. doi: 10.1371/journal.pntd.0007022

43- Ghaffari HR, Farshidi H, Alipour V, Dindarloo K, Hassani Azad M, **Jamalidoust M**, Madani A, Aghamolaei T, Hashemi Y, Fazlzadeh M, Fakhri Y. Detection of SARS-CoV-2 in the indoor air of intensive care unit (ICU) for severe COVID-19 patients and its surroundings: considering the role of environmental conditions. *Environmental Science and Pollution Research* (2022) 29:85612–85618 <https://doi.org/10.1007/s11356-021-16010-x>

42- Aliabadi N, **Jamalidoust M**, Pouladfar GhR, Heydari Marandi N, Amanati A, Ziyaeyan A, Ziyaeyan M. Susceptibility evaluation of clinically isolated HSV 1 strains to acyclovir: a phenotypic and genotypic study. *Jundishapur J Microbiol*. 2021 June; 14(6):e117928. doi: 10.5812/jjm.117928.

41- Sotoodeh Jahromi A, Kargar M, Moradzadeh M, Kafilzadeh F, **Jamalidoust M**. Effect of Vincristine on miRNA-15a expression in Epstein-Barr-Virus transformed B cell-CO 88BV59-1 LCL. *Journal of Microbial World* 14 (3)

40- Soltani A, **Jamalidoust M**, Hoseinpour A, Vahedi M, Ashrar H & Yousefnejad S. First molecular-based detection of SARS CoV 2 virus in the field collected houseflies. *Scientific Reports*, (2021) 11:13884.

39- Sotoodeh Jahromi A, Kargar M, Moradzadeh M, Kafilzadeh F, **Jamalidoust M**. Effect of Cyclophosphamide on miRNA-15a expression in EBV infected transformed B. *Pars Journal of Medical Sciences*.

38- Sotoodeh Jahromi A, Kargar M, Kafilzadeh F, **Jamalidoust M** and Moradzadeh M. Crocin Promotes Apoptosis in Human EBV-Transformed B-Lymphocyte via Intrinsic Pathway. *Mediterr J Hematol Infect Dis* 2021; 13; e2021049. doi: 10.4084/MJHID.2021.049

37- **Jamalidoust M**, Namayandeh M, Pouladfar GhR, Ziyaeyan M. Post liver transplant CMV reactivation, graft and patient survival rates in Iranian population. *Jundishapur J Microbiol.* 2021 March; 14(3):e112775. Published online 2021 June 7. doi: 10.5812/jjm.112775.

36- Ghadimi Moghadam Ak, Yousefi E, Ghatie MA, Ghadimi Moghadam A, Pouladfar Gh, **Jamalidoust M**. Investigating the etiologic agents of aseptic meningitis outbreak in Iranian children. *Journal of Family Medicine and Primary Care* 9(3):p 1573-1577, March 2020. | DOI: 10.4103/jfmpc.jfmpc_1003_19

35- Shafaati M, **Jamalidoust M**, Kargar M, Arefian E, Kafilzadeh F. Downregulation of hepatitis C virus replication by miR-196a using lentiviral vectors. *Microbiology and Immunology.* 2021;65:161–170. DOI: 10.1111/1348-0421.12875

34- Ashkan Z, Hemmati R, Homaei A, Dinari A, **Jamlidoost M**, Tashakor A. Immobilization of enzymes on nanoinorganic support materials: An update. *International Journal of Biological Macromolecules.* Volume 168, 31 January 2021, Pages 708-721. <https://doi.org/10.1016/j.ijbiomac.2020.11.127>

33- Sanaei Dashti A, Khalifeh M, Yousefifar E , Kadivar MR, **Jamalidoust M**, Namayandeh M and Abdinia B. The Prevalence of Viruses in the Cerebrospinal Fluid of Children with Aseptic Meningitis in Shiraz, Iran. *Arch Clin Infect Dis.* 2020 December; 15(6):e100850. <https://doi.org/10.5812/archcid.100850>.

32- Namayandeh M, **Jamalidoust M**, Heydari Marandi N, Aliabadi N, Ziyaeyan A, Pouladfar GhR, Ziyaeyan M. Hepatitis C virus genotypes in patients with chronic hepatitis C infection in southern Iran from 2016 to 2019. *Microbiology and Immunology journal.* 2020;64(11): 762-767. DOI: 10.1111/1348-0421.12845

31- Abbasi F, Bamdad T, Ghadimi-Moghadam A, Chubin H, **Jamalidoust M**. The Role of Autophagy in Interferon/Ribavirin Responders and Non-Responders with Hepatitis C Virus Infection. *Jundishapur J Microbiol.* 2020;13(3):e92560. <https://doi.org/10.5812/jjm.92560>.

30- Shafaati M, **Jamalidoust M**, Kargar M, Arefian E, Kafilzadeh F. Luciferase Assay for Demonstrate the Competence of Selective MicroRNA of let-7b in Suppressing HCV Replication. *Pathobiology Research*. 2020;23(2): 67-74

29- Jafari M, Mohammadzadeh Jahani P, Choopanizadeh M, **Jamalidoost M**, Pourabbas B, Pouladfar GhR, Kalani M,. Investigating the role of T helper related cytokines in cerebrospinal fluid for the differential diagnosis of bacterial meningitis in pre-treated paediatric patients. *Biomarkers*, DOI: 10.1080/1354750X.2020.1714737

28- Behzadi MA , Leyva-Grado VH , Namayandeh M, Ziyaeyan A, Feyznehzad R, Dorzaban H , **Jamalidoust M** and Ziyaeyan M. Seroprevalence of viral hepatitis A, B, C, D and E viruses in the Hormozgan province southern Iran. *BMC Infectious Diseases* (2019) 19:1027 <https://doi.org/10.1186/s12879-019-4661-4>

27- **Jamalidoust M**, Aliabadi N, Namayandeh M, Ziyaeyan M. Human Herpesvirus 6 as an Indicator of Cytomegalovirus Infection and Its Attributable Disease Symptoms in Liver Transplant Recipients. *Experimental and Clinical Transplantation: Official Journal of the Middle East Society for Organ Transplantation*. 2021 Jul;19(7):703-707. DOI: 10.6002/ect.2019.0119. PMID: 31724929.

26- Lajevardi B, Bamdad T, Choobin H, **Jamalidoust M**, Namayandeh M. Impact of interplay between autophagy and interferon-alpha in HCV and HCV/HIV infection. *Acta Virologica*, 01 Jan 2019, 63(2):235-239. DOI: 10.4149/av_2019_214

25- Nasimfar A, Sadeghi E, Alborzi A, Sepehrvand N, Ziyaeyan M, **Jamalidoust M** and Malek-Hosseini SA. The Activation of Cytomegalovirus and Human Herpes IVirus 6 after Liver Transplantation. doi: 10.5812/hepatmon.11987 *Hepatitis Monthly: February 2018*, 18 (2); e11987. doi: 10.5812/hepatmon.11987

24- Sotoodeh Jahrom A , Rahmanian K, Sapidkar A, Zabetian H, Yusef A, Kafilzadeh F, Kargar M, **Jamalidoust M**, Madani A. Immunity level to diphtheria in beta

thalassemia patients. Immunity level to diphtheria in beta thalassemia patients. Middle east journal of Medicine, volume 15,issue 8, October 2017

23- **Jamalidoust M**, Namayandeh M, Moghadami M and Ziyaeyan M. Comparison of HCV viral load and its genotype distributions in HCV mono- and HIV/HCV co-infected illicit drug users. Jamalidoust et al. Virology Journal (2017) 14:127. DOI 10.1186/s12985-017-0797-2

22- Razlansari AA, **Jamalidoust M**, Ziyaeyan M, Shahian M, Moeini, M, Asaei S, Obeidavi Z, Alborzi A. Diagnosis of non-polio enteroviral infections in septic neonates by polymerase chain reaction assays. Int J Pharm Sci Res. 2016; 7(12): 4956-4962

21- **Jamalidoust M**, Ravanshad M, Namayandeh M, Zare M, Asaei S, Ziyaeyan M. Construction of AAV-rat-IL4 and evaluation of its modulating effect on A β (1-42) induced proinflammatory cytokines in primary microglia and B92 cell line by quantitative PCR assay. Jundishapur J Microbiol. (2016) March; 9(3):e30444

20- **Jamalidoust M**, Ziyaeyan M, Namayandeh M, Asaei S, Aliabadi N. Epstein - Barr virus DNemia in Iranian Liver Transplant Recipients and Assessment of its Variation in Post transplant Lymphoproliferative Disorder Patients by Quantitative Polymerase Chain Reaction Assay. Experimental and Clinical Transplantation (2015) Suppl 1: 306-311

19- Khosropanah H, Karandish M, Ziyaeyan M, **Jamalidoust M**. Real-time Polymerase Chain Reaction Quantification of Epstein - Barr virus and Human Cytomegalovirus in Chronic Periodontal Lesion. Jundishapur J Microbiol. 2015 Jun; 8(6): e18691

18- Asaei S, Ziyaeyan M, Moeini M, **Jamalidoust M**, Behzadi MA. Sero-prevalence of hepatitis A and E virus infections among healthy population in Shiraz, southern. Jundishapur J Microbiol. 2015 Jul; 8(7): e19311

17- **Jamalidoust M**, Namayandeh M, Asaei S, Aliabadi N, Ziyaeyan M. Determining hepatitis C virus genotype distribution among high-risk groups in Iran using real-time PCR. *World Journal of Gastroenterology*. 2014 May 21; 20 (19):5897-902

16- Aliabadi N, **Jamalidoust M**, Asaei S, Namayandeh M, and Ziyaeyan M. Diagnosing of herpes simplex virus infections in suspected patients using real-time PCR. *Jundishapur J Microbiol*. 2015 Feb 20;8(2):e16727. doi: 10.5812/jjm.1672

15- Moini M, Ziyaeyan M, Aghaei Sh, Sagheb MM, Taghavi AR, Moeini M, **Jamalidoust M**, Hamidpour L. Hepatitis C virus (HCV) Infection Rate among Seronegative Hemodialysis Patients Screened by Two Methods; HCV Core Antigen and Polymerase Chain Reaction. *Hepat Mon* 2013; 13(6):e9147

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13- Ziyaeyan M, **Jamalidoust M**, Moeini M. Evaluation of Hepatitis C virus infection in the respective antibody positive orphan newborns. *Jundishapur J Microbiol*. 2013; 6(1): 72-75

12- Ziyaeyan M, Alborzi A, **Jamalidoust M**, Japoni A, Badiee P, Moeini M. Diagnosis and Quantitative Detection of Herpes Simplex Virus DNA in Corneal Ulcers. *Int j Virol* 2012; 8(3):279-284

11- 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. *Influenza and other respiratory viruses* 2012; DOI:10.1111/j.1750-2659.2012.00381.x

- 10- Ziyaeyan M, Alborzi A, **Jamalidoust M**, Badiie P, Moeini M, Kadivar A. Prevalence of HCV genotypes in choronic infected patients, Southern Iran. *JJM*. (2011); 4(3): 141-146
- 9- Ziyaeyan M, Alborzi A, Borhani Haghghi 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
- 8- Hosseinasab 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
- 7- Japoni S, Japoni A, Farshad Sh, Abdi A, **Jamalidoust M**. Association between Existance Of Integron And Multi-Drug Resistance In Acinetobacter Isolate From The Patients, Southern Iran. *Pol J Microbiol*. 2011; 60 (2):163-8
- 6- Japoni A, Ziyaeyan M, **Jamalidoust M**, Farshad Sh, Alborzi A, Rafatpour N, Badiie P. Antimicrobial Susceptibility Patterns and Cross-Resistant and sensitive Staphylococcus Aureus Isolate from Hospitalized patients in Shiraz, Iran. *Brazilian journal of Microbiology*. (2010) 41
- 5- Japoni A, **Jamalidoust M**, Farshad Sh, Ziyaeyan M, Alborzi A, Japoni S, Rafatpour N. Characterization of SCCmec Types and Antibacterial Susceptibility Patterns of methicilin-Resistant Staphylococcus aureus(MRSA) in Southern Iran. *Jpn. J. Infect. Dis.*, 64 (1), 28-33, 2011
- 4- Ziyaeyan M, Alborzi A, **Jamalidoust M**, Moeini M, Pourabbas B. Seroepidemiology of Varicella Zoster Virus Infection among 1-70 year Individuals in Iran. *Iranian Red Crescent Medical Journal (IRCMJ)* March 2010 , Volume 12 , Number 2; Page(s) 176 To 180

3- Alborzi A, Aelami M H, Ziyaeyan M, **Jamalidoust M**, Moeini M, Pourabbas B, Abbasian A. Viral Etiology of Acute Respiratory Infections among Iranian Hajj Pilgrims, 2006. Journal of Travel Medicine. International Society of Travel Medicine, 1195-1982

2- Fotouhi F., Roustaei M.H. , Soleimanjahi H., **Jamalidoust M.**, Haghshenas G.R. Construction of an Eukaryotic expression vector encoding Herpes Simplex Virus Type 2 glycoprotein D and in vitro expression of the desired protein. Archives of Razi Institute 2005(59):1-11

1- **Jamalidoust M**, Soleimanjahi H, Fotouhi F and Meshkat Z. Amplification and Cloning of Herpes Simplex Virus Type 2. Glycoprotein G from an Iranian Isolate. Pakistan Journal of Biological Science 10(6):955-958, 2007

Local Articles:

۱- نسرین علی آبادی، **مرضیه جمالی دوست**، صدف عصایی، ماندانا نماینده، مازیار ضیائیان. بررسی و تشخیص ویروس هرپس سیمپلکس در بیماران مشکوک به آنسفالیت، زخم قرنیه و عفونت‌های پوستی با روش Real-Time PCR. مجله دانشگاه علوم پزشکی فسا | سال سوم | شماره ۱۴ زمستان ۱۳۹۲

۲- **مرضیه جمالی دوست** ، ماندانا نماینده ، مریم زارع ، مازیار ضیائیان. بررسی عفونت ویروس هپاتیت C در نوزادان مشکوک نگهداری شده در شیرخوارگاه به وسیله آزمایش کمی Real-Time PCR و تست HCV-Core Ag-Elisa. مجله دانشگاه علوم پزشکی فسا | سال پنجم | شماره ۲ | تابستان ۱۳۹۴

3- Maryam Shafaati, **Marzieh Jamalidoust***, Mazyar Ziaeiian, Ehsan Arefian, Mohammad Kargar. Liver Micro-RNAs and their Role in different HCV genotypes infection Pathobiology Research, Vol. 20 (2017-2018), No.4, Pages: 1-19

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Experienced in:

- Haemagglutination Test (HA)
- Haemagglutination Inhibition Test (HIT)
- Complement Fixation Test (CF)
- ELISA Tests (Direct, Indirect, Sandwich)
- Primary glial cell culture
- Continues cell culture (Vero, MDCK, HeLa, MRC5, Hep-2, B92, B65 etc)
- Neutralization Test
- Immunofluorescence techniques
- Viral Passage in Cell Cultures
- Extraction and purification of DNA
- Extraction and purification of RNA
- Purification of Plasmid DNA
- PCR , RT-PCR, Rapid PCR & Real-Time PCR Methods
- Gene cloning and protein expression
- RFLP Test
- Plaque Assay
- TCID₅₀
- SDS Page
- Immunoblotting and purification of Protein
- Work with animal laboratory such as rabbit, Mice, Rat and guinea pig

Participant in workshops:

- 1- Research writing and publication workshop

- 2- Phage display
- 3- Medical bioinformatics workshop

Computer Skills:

- BioEdit software
- Genrunner software
- Vector NTI software
- Oligo software
- Excel, PowerPoint, Word and ...

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