

Mohammad Ali Jalali Far Curriculum Vitae

GENERAL

Work Address:

Health research institute, Research Center of Thalassemia & Hemoglobinopathy, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran.

<http://www.ajums.ac.ir>

Postal Code: 61357- 15794

Tel : +98 6133738319

Fax: +98 613 3738330

E-mail: alijalifar@yahoo.com

: jalalifar.ma@ajums.ac.ir

EDUCATION

2015- to present: PhD candidate in laboratory hematology and transfusion sciences in Iranian Blood Transfusion Organization (IBTO), Tehran, Iran, (<http://www.ibto.ir>).

2001- 2004: Received M.Sc. in laboratory hematology and blood banking in Iranian Blood Transfusion Organization (IBTO), Tehran, Iran, (<http://www.ibto.ir>).

1998-2000: Received B.Sc. in Medical Laboratory Science from Iran Medical University, Next to Milad tower, Hemmat Exp. Tehran, Iran, (<http://www.iums.ac.ir>)

1994-1996: Received Post-Secondary degree in Medical Laboratory Science from Ahvaz Jundi shapur Medical University, Ahvaz. Iran (<http://www.ajums.ac.ir>)

MSc THESIS AND COURSES:

I have passed these courses in my MSc career:

1-ELISA test of HIV-Ab, HAV-Ag/Ab, HBS-Ag, HCV-Ab

2-PCR

The goal of my thesis was the prevalence of Torque Teno Virus (TTV) by PCR method. In this study after donor selection, the ELISA test of HIV-Ab, HAV-Ab, HBS-Ag, HCV-Ab had done and for the negative specimens DNA-Extraction and then PCR performed, at the final stage gel electrophoresis done.

TRAINING COURSES AND WORKSHOPS:

- 1- Improvement of Medical laboratory services (3 days)
- 2- Molecular techniques workshop (2 days)
- 3- Hospital committee and blood bank workshop (2 days)
- 4- Writing article workshop (2 days)
- 5- Practical technique in PCR-lab (24 days)
- 6- Strategic program planning workshop (2 days)
- 7- Internal auditor in ISO 9001/2000 workshop (2 days)
- 8- Quality Control and Corrective Action, Quality Criteria QC of Platelet and SOPs Workshop (2 days)
- 9- Look Back Workshop (1 day)
- 10- Internal audit workshop (2 days)
- 11- HIV 1 sequencing training course in Bordeaux (France) in 2 Oct-7 Nov 2007
- 12- Hematology Morphology Workshop in University Western Australia (Perth2015)
- 13- Hematology Morphology Workshop in University Western Australia (Perth2019)

PROFESSIONAL AND MEDICAL EXPERIENCE:

1996-1998: I worked in laboratory of Bostan city health clinic and have done routine tests including: hematology, serology, biochemistry, parasitology and etc.

2000-2010: I have employed in blood transfusion organization. In 2000 -2001 I worked in Ahwaz transfusion service in routine laboratory and have done the Elisa of HIV-Ab, HBS- Ag, HCV-Ab, HBC Ab ,HBe- Ag &Ab, blood processing and preparation of FFP, Concentrated of Platelet, manual wash red cell, and some Q.C programs of these components.

From 2001-2003, I have worked in hematology and coagulation department of Iranian blood transfusion laboratory in Tehran

2004- 2010: I have appointed the manager of PCR Lab. and spent 2 months training courses in PCR of HBV-DNA and HCV-RNA (RT-PCR) in molecular pathology lab of Iranian blood transfusion organization

Jan 2006- 2010: I appointed as the Quality Control Manager of regional educational blood transfusion organization of Khuzestan province.

April 2010- present: Tutor in Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran. April 2010- present: Tutor in Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran.

NATIONAL AND INTERNATIONAL CONGRESSES:

I actively participated in many national and international congresses as poster and oral present and invited speaker some of the international congresses as the followed:

- 1- International Society of Blood Transfusion (ISBT) congress Cape Town of South Africa 2006
- 2- ISBT congress Macau 2008
- 3- International Liver Congress in Hong Kong 2008 (oral presentation)
- 4- ISBT congress Nagoya 2009
- 5- International congress in infectious diseases Beijing
- 6- ISBT congress Lisbon of Portugal 2011
- 7- ISBT congress Mexico City 2012
- 8- ISBT congress Kuala Lumpur of Malaysia 2013
- 9- Indian Ocean Rim Hematology congress Perth of Australia 2015 (Oral presentation)
- 10- ISBT congress Copenhagen 2017
- 11- Indian Ocean Rim Hematology congress Perth of Australia 2019 (Oral presentation)

Publication:

- 1- Paridar, M., Khosravi, A., Jalali-Far, M. A., Zolfaghari, S., Sardi, O. K. G., & Sajadi, M. (2018). Mobile blood collection sites and their roles in providing safe and adequate supply: A six-year experience. *Frontiers in Biology*, 13(3), 226-234.
- 2- Behzad, M. M., Asnafi, A. A., Jalalifar, M. A., Moghtadaei, M., Jaseb, K., & Saki, N. (2018). Cellular expression of CD markers in immune thrombocytopenic purpura: implications for prognosis. *Apmis*, 126(6), 523-532.
- 3- Ghale-sardi, O. K., JalaliFar, M. A., Khodadi, E., Ahmadzadeh, A., & Saki, N. (2018). BCR/ABL analysis in myelodysplastic syndromes. *Comparative Clinical Pathology*, 27(2), 379-384.
- 4- Behzad, M. M., Asnafi, A. A., Jaseb, K., Jalali Far, M. A., & Saki, N. (2017). Expression of CD markers' in immune thrombocytopenic purpura: prognostic approaches. *Apmis*, 125(12), 1042-1055.
- 5- Jaseb, K., Ramezani, A., Far, M. A. J., Mohammadi-Asl, J., Khosravi, A., & Saki, N. (2017). Association between beta globin haplotypes, HBBP1 and HMOX1 polymorphisms in relation to HbF among sickle cell anemia patients: a study in Southwest Iran. *Comparative Clinical Pathology*, 26(5), 1149-1155.
- 6- Masjedi, A., Malehi, S., & Jalali Far, M. A. (2017). Effect of raisin consumption on some coagulation factors and total serum antioxidant capacity in hyperlipidemic patients: A randomized clinical controlled tria. *Iranian Journal of Endocrinology and Metabolism*, 19(1), 50-60.

- 7- Kavianpour, M., Far, M. A. J., Asl, J. M., Ahmadzadeh, A., Vosughi, T., Ketabchi, N., & Saki, N. (2017). Sequencing myeloproliferative leukemia exon 10 mutations in Iranian patients with breakpoint cluster region-Abelson murine leukemia viral oncogene homolog 1-negative myeloproliferative neoplasm. *Clinical Cancer Investigation Journal*, 6(1), 86.
- 8- Sajjadi, S. M., Khosravi, A., Pakravesh, J., Soheili, Z. S., Samiei, S., & Mohammadi, S. (2016). Factor XIII Val34Leu polymorphism and risk of recurrent pregnancy loss in Iranian population: a case control study. *Frontiers in Biology*, 11(6), 471-475.
- 9- Saeidi, S., Mohammadi-Asl, J., Far, M. A. J., Asnafi, A. A., Dehuri, F., Tavakolifar, Y., & Saki, N. (2017). Is There a Relationship Between CXCR4 Gene Expression and Prognosis of Immune Thrombocytopenia in Children? *Indian Journal of Hematology and Blood Transfusion*, 33(2), 216-221.
- 10- Norozi, F., Mohammadi-asl, J., Vosoughi, T., Far, M. A. J., Malehi, A. S., & Saki, N. (2016). Incidence of T315I mutation in BCR/ABL-positive CML and ALL patients. *Frontiers in Biology*, 11(5), 404-411.
- 11- Khosravi, A., Jalali-Far, M., Saki, N., Hosseini, H., Galehdari, H., Kiani-Ghalesardi, O., ... & Magaji-Hamid, K. (2016). Evaluation of α -globin gene mutations among different ethnic groups in Khuzestan Province, Southwest Iran. *Hemoglobin*, 40(2), 113-117.
- 12- Salari, F., Mohammdai-asl, J., Malehi, A. S., Ahmadzadeh, A., Asadi, Z. T., & Saki, N. (2016). Survivin and SIRT1: can be two prognostic factors in chronic myeloid leukemia?. *Comparative Clinical Pathology*, 25(2), 415-420.
- 13- Tavakoli, F., Jaseb, K., Far, M. A. J., Soleimani, M., Khodadi, E., & Saki, N. (2016). Evaluation of microRNA-146a expression in acute lymphoblastic leukemia. *Frontiers in biology*, 11(1), 53-58.
- 14- Far, M. A. J., Fard, A. D., Hajizamani, S., Mossahebi-Mohammadi, M., Yaghooti, H., & Saki, N. (2016). Thalidomide is more efficient than sodium butyrate in enhancing GATA-1 and EKLF gene expression in erythroid progenitors derived from HSCs with β -globin gene mutation. *International journal of hematology-oncology and stem cell research*, 10(1), 37.
- 15- Paridar, M., Shoushtari, M. M., Kiani, B., Nori, B., Shahjahani, M., Khosravi, A., & Far, M. J. (2016). Distribution of ABO blood groups and rhesus factor in a Large Scale Study of different cities and ethnicities in Khuzestan province, Iran. *Egyptian Journal of Medical Human Genetics*, 17(1), 105-109.
- 16- Heidari, N., Halvaji, F., Mofrad, P. R., Far, M. A. J., Jalali, M. T., & Javid, A. Z. (2015). In Vitro Impact of Treatment With Aqueous Extract of Cassia Fistula on Red Blood Cell Sickling in Individuals With Sickle Cell Trait. *JUNDISHAPUR JOURNAL OF NATURAL PHARMACEUTICAL PRODUCTS*, 10(4).
- 17- Mohammdai-asl, J., Ramezani, A., Norozi, F., Malehi, A. S., Asnafi, A. A., Far, M. A. J., ... & Saki, N. (2015). MicroRNAs in erythropoiesis and red blood cell disorders. *Frontiers in biology*, 10(4), 321-332.
- 18- Khosravi, A., Jalalifar, M. A., Baratvand, B., & Ghaedi, E. (2015). Determination of the reference values of complete blood counts (CBC) in pregnant mothers during third trimester at dorud city in 2013. *The Iranian Journal of Obstetrics, Gynecology and Infertility*, 18(140), 7-14.
- 19- ROUNAGH, A., NADDAF, H., ESMAILZADEH, S., GHADIRI, A., NAJAFZADEH, V. H., KAZEMINEJHAD, I., ... & JALALIFAR, M. (2015). A radiographic survey of mandibular bone defect healing by combination of platelet-rich-plasma (PRP) and nano hydroxyapatite in dog.
- 20- AFSHARMANESH, M., MOUSAVI, D. R., SHIRALI, S., JALALIFAR, M. A., & MOINZADEH, L. (2015). THE PREVALENCE OF HEMOGLOBINOPATHIES IN PREMARRIAGE MEN REFERRED TO THE LABORATORIES OF HEALTH CENTERS IN THE SHUSHTAR CITY.

- 21- Saki, N., Jalalifar, M. A., Soleimani, M., Hajizamani, S., & Rahim, F. (2013). Adverse effect of high glucose concentration on stem cell therapy. *International journal of hematology-oncology and stem cell research*, 7(3), 34.
- 22- Hosseini, H., Far, J., Ali, M., Saki, N., Galehdari, H., & Saki, A. (2013). Study of Beta-globin chain mutations in patients with Beta thalassemia trait among different racial groups in Khuzestan Province. *Genetics in the 3rd millennium*, 10(4), 2868-73.
- 23- Behzad, P., Rezvani, H., Hagh, M. F., Saki, A., Fallah, P., Khosravipour, G., ... & Saki, N. (2013). Thrombophilic Mutations in Iranian Patients With Thrombophilia. *Laboratory Medicine*, 44(1), e62-e68.
- 24- Alborzi, A. M., Kiani Ghalesardi, O., Bamdad, T., Pourfathollah, A. A., Jalalifar, M. A., Shahjahani, M., ... & Saki, N. (2013). Occult Hepatitis B Infection and Its Role in Blood Safety: a Review. *Iranian Journal of Blood and Cancer*, 5(2), 61-75.
- 25- Tahannejad-Asadi, Z., Elahi, A., Mohseni, A., Talebi, M., Khosravi, M., & Jalalifar, M. A. (2013). Screening and identifying of erythrocyte alloantibodies in patients with Thalassemia major referred to Ahvaz Shafa hospital. *Feyz Journals of Kashan University of Medical Sciences*, 17(2).
- 26- Dehghanifard, A., Shahjahani, M., Galehdari, H., Rahim, F., Hamid, F., Jaseb, K., ... & Saki, N. (2013). Prenatal diagnosis of different polymorphisms of β -globin gene in Ahvaz. *International journal of hematology-oncology and stem cell research*, 7(2), 17.
- 27- Hosseini, H., Far, J., Ali, M., Saki, N., Galehdari, H., & Saki, A. (2013). Study of Beta-globin chain mutations in patients with Beta thalassemia trait among different racial groups in Khuzestan Province. *Genetics in the 3rd millennium*, 10(4), 2868-73.
- 28- Nezhad, S. K., Mashayekhi, A., Khatami, S. R., Daneshmand, S. A. E. I. D., Fahmi, F., Ghaderigandmani, M., & Jalali-Far, M. A. (2009). Prevalence and molecular identification of Mediterranean glucose-6-phosphate dehydrogenase deficiency in Khuzestan province, Iran. *Iranian Journal of Public Health*, 127-131.
- 29- JALALIFAR, M., Zandieh, T., Imam, S. J., GALEHDARI, H., POURFATH, E. A., & BABA, A. M. (2007). TTV prevalence in Ahwaz blood donors by using semi-nested PCR.
- 30- Zandieh, T., Babaahmadi, B., Pourfathollah, A., Galedari, H., Emam, J., & Jalalifar, M. A. (2005). Transfusion transmitted virus (TTV) infection in thalassemic patients. *Iranian journal of public health*, 24-29.

TEACHING:

Instructor in Medical university and teach Hematology and blood transfusion sciences to different level students including: MSc in hematology and blood transfusion sciences and BSc in Medical laboratory sciences (theoretical and practical) to medical laboratory sciences, Obstetrics, anesthesia and surgical technician's students from 2010 till now.

I was supervisor or advisor of Master thesis of Hematology and blood transfusion sciences students and other Bachelor research projects.

PROFESSIONAL MEMBERSHIP:

- 1- Member of scientific committee of national blood transfusion
- 2- Internal audit of ISO 9001-2000

- 3- Member of ISBT (International Society of Blood Transfusion): 2008-2013

AWARDS AND FELLOWSHIP GRANT:

- 1- Fellowship grant from ISBT in 2006 for attendance in Cape Town international Congress.
- 2- "Dr. HAROLD GAUNSON FELLOWSHIP GRANT" to attend in Macao 2008 ISBT international congress.
- 3- Travel grant in APCCB2010 (Asia Pacific Congress of Clinical Biochemistry).
- 4- 'Travel Award' of ASCPaLM 2014 Congress
- 5- Travel grant from "The Indian Ocean Rim Laboratory Haematology Congress 2014"
- 6- Travel grant from "The Indian Ocean Rim Laboratory Haematology Congress 2015"
- 7- Travel grant from "The Indian Ocean Rim Laboratory Haematology Congress 2019"

PROFESSIONAL SKILLS RELATED TO HEMATOLOGY

I. Hematology

II. Coagulation and hemostasis: In factor assay, and routine screening tests of hemostasis: PT, PTT, BT and work-up of these disorder and etc. (moderate level experience)

III. BLOOD BANKING (TRANSFUSION MEDICINE): QC and routine laboratory

IV. Molecular biology

Techniques:

DNA extraction from animal and plant tissue

Polymerase Chain Reaction (PCR)

Restriction Fragment Length Polymorphism (RFLP)

Single Strand Conformational Polymorphism (SSCP)

Southern blotting and non-radioactive detection

Allel Specific Oligonucleotide (ASO)

Western Blotting

Program Languages and Software:

I have experience in computer operating (ICDL). I was manager of local area network (LAN) in Ahwaz blood transfusion service and comprehensive blood transfusion software.

I can speak to Arabic, English and Persian

RESEARCH INTERESTS

- 1- Stem cell and transplantation
- 2- Molecular hematology
- 3- Gene therapy
- 4- Luekemia researches (diagnosis and immunotherapy)
- 5- Thrombosis and hemostasis
- 6- Immuno hematology
- 7- Molecular cellular Biology

Referee:

Prof.Ali Akbar Pourfathollah

Full professor of Immunology, Immunology Dep., School of Medical Sciences, Tarbiat Modares University, Tehran, IRAN

E-mail: Pourfa@modares.ac.ir,
www.modares.ac.ir/med/pourfa

Tel: (+98 21) 88011001 Ext.4507 or 3874 P.O.Box:14115-111

Dr. Naser Amirizadeh

(Advisor of my PhD Thesis)

Associated Professor Hematology and Blood Banking. High Institute for Education and Research in Transfusion Medicine. Iranian Blood Transfusion Organization (IBTO). Tehran. Iran. Hemmat Highway, Tehran, Iran,

P.O.Box: 1157-14665

Tel:+98 21 88601501

Fax:+98 21 88060717

Email: n.amirizadeh@ibto.ir Email: amiri_na@yahoo.com

Prof. Hamid Galehdari

Full Professor of Cellular Molecular Biology, Department of Genetics, Faculty of Sciences, Shahid Chamran University of Ahvaz, P.O. Box 65355-141, Ahvaz, I.R. Iran.

E-mail: galehdari@scu.ac.ir