



Abbas Hajifathali, MD

Full Professor, Head of Taleghani Bone Marrow transplantation center and Hematopoietic stem cell transplantation research center

Address: Ayatollah Taleghani Hospital, Shahid Arabi Street, Velenjak, Tehran, Iran, 1985711151

Phone number: +989121782734

Email Address: a.hajifathali@sbmu.ac.ir ,hajifathali@yahoo.com

Educational Background

2000	Fellowship Bone marrow transplant – Australia
1995 to present	Faculty member Shahid Beheshti University of Medical Sciences
1994 to 1995	Assistant Professor Hamedan University of Medical Sciences
1982 to 1993	Undergraduate Medical degree and specialty Carl Davila University

Appointments and Memberships

2018	Member of High Council of IBTO
2016 to now	Deputy of Medical School faculty and hospitals, Shahid Beheshti University of Medical Sciences
2008 to now	Head of Bone Marrow Transplantation center
2008 to 2014	Head of the Department of Internal Medicine
2008	Member of Examination committee for Diploma and specialty certification of Internal medicine
2006-now	Head of ranking committee
2005-now	Secretary of Board of Trustees Taleghani hospital
2002 to 2011	Chairman of Taleghani Hospital
2001	Head of education & Programming Office
2000	Deputy of Education, Graduate Education
1997 to 1999	Deputy of Education & Research
-	Head of department of Molecular Cell Biology
-	Member certification of Internal medicine and subspecialty certification of Hematology Oncology
-	Member of committee Utilization and provision of related Executive Guidelines
-	Member of committee, Methodology of college evaluations
-	Member of committee, Determination of selection criteria for better University Outcomes

RESEARCH AND SCIENTIFIC EXPERIENCE

- 2004** Educational program for Residency in Psychology
- 2004** Educational Program for Residency in Pediatric Surgery
- 2008** Educational Program for Residency in Gynecology and Obstetrics
- 2004** Program for Ph.D. in Physiology
- 2001- 2005** Book author : Diagnostic approach to hematological disorders, Revision of the same book
- Supervisor for 6 Residency Thesis
- Supervisor for 35 M.Sc. thesis
- Supervisor for 12 General Physician thesis

Participation in Meetings

Speaker at Continuous Education Program

Realization of international standards in teaching undergraduate medicine

Teaching semiology and the importance of reviewing

University prevention program for thalassemia

Evaluation structure in systems

Interview of students going to foreign university for Ph.D degree

Designing the functional determinants for deputies of education in colleges

Provision of the educational program for genetic counseling

Participating in 20 workshops

Secretary of 5 workshops

Committee for evaluation of continuous education in the University

Memberships

European Blood and Marrow Transplantation(EBMT) (CIC:916)

European Mediterranean Blood and Marrow Transplantation(EBMT)

Asian Pacific Blood and Marrow Transplantation (APBMT)

Languages

Persian (mother tongue)

English

Publications

- 1- Nalini R, Roshandel E, Mohammadzadeh S, Kazemi MH, Nikoonezhad M, Jalili A, **Hajifathali A**. The effect of beta-adrenergic stimulation in the expression of the urokinase plasminogen activator receptor in bone marrow mesenchymal stem cells. Gene Reports. 2021 Mar 1;22:101017.
- 2- Ghalesardi OK, Khosravi A, Azizi E, Ahmadi SE, **Hajifathali A**, Bonakchi H, Shahidi M. The prognostic importance of BCR-ABL transcripts in Chronic Myeloid Leukemia: A systematic review and meta-analysis. Leukemia Research. 2021 Jan 19;101:106512.

- 3- Kasravi K, Ghazalian F, Gaeini A, **Hajifathali A**, Gholami M. Comparison of the Effect of Two Types of Continuous and Discontinuous Aerobic Exercise on Patients' Stem Cell Mobilization before Autologous Hematopoietic Stem Cell Transplantation. *International Journal of Hematology-Oncology and Stem Cell Research*. 2021 Jan 13;15(1):61-71.
- 4- Mardani M, Abolghasemi S, Shabani S, Tavakoli F, Saeedi A, Parkhideh S, **Hajifathali A**. The association of conditioning regimen with cytomegalovirus reactivation after allogeneic hematopoietic stem cell transplantation. *Iranian Journal of Microbiology*. 2020 Dec 30.
- 5- Hashemian SM, Shafigh N, Afzal G, Jamaati H, Tabarsi P, Marjani M, Malekmohammad M, Mortazavi SM, Khoundabi B, Mansouri D, Moniri A, **Hajifathali A**. Plasmapheresis reduces cytokine and immune cell levels in COVID-19 patients with acute respiratory distress syndrome (ARDS). *Pulmonology*. 2020 Dec 4.
- 6- **Hajifathali A**, Parkhideh S, Kazemi MH, Chegeni R, Roshandel E, Gholizadeh M. Immune checkpoints in hematologic malignancies: What made the immune cells and clinicians exhausted!. *Journal of cellular physiology*. 2020 Dec;235(12):9080-97.
- 7- Rauofi A, **Hajifathali A**, Karami S, Tavakoli F, Elham R, Bonakchi H, Parkhideh S. The apheresis content analysis in Allo-HSCT represents reliable influential factors on graft-versus-host disease and overall survival. *Transfusion and Apheresis Science*. 2020 Nov 5:103009.
- 8- Jafari L, **Hajifathali A**, Mohammadi MH, Ghaedi H, Allahbakhshian Farsiani M, Amiri V, Hosseini MS, Roshandel E, Gharehbaghian A. Clinical Significance of Long Noncoding RNA-DC Expression in Acute Graft Versus Host Disease (AGVHD) Development. *International Journal of Cancer Management*. 2020 Sep 30;13(9).
- 9- Roshandel E, Kazemi MH, Dehaghi BK, Bonakchi H, Parkhideh S, Mehdizadeh M, **Hajifathali A**. The Association of HScore Parameters with Severe COVID-19: a Systematic Review and Meta-Analysis.
- 10- Sakha YA, Ehsani E, Roshandel E, Jalili A, Vahdani N, **Hajifathali A**. Assessment of the Effect of Infliximab on Immunomodulation Properties of Mesenchymal Stem Cells in Vitro. *Advanced Pharmaceutical Bulletin*. 2020 Aug 5.
- 11- Roshandel E, Kaviani S, **Hajifathali A**, Soleimani M. Pre-transplant thrombocytopenia predicts engraftment time and blood products requirement in allogeneic hematopoietic stem cell transplantation patients. *Transfusion and Apheresis Science*. 2020 Aug 1;59(4):102810.
- 12- Mehravar M, Roshandel E, Salimi M, Chegeni R, Gholizadeh M, Mohammadi MH, **Hajifathali A**. Utilization of CRISPR/Cas9 gene editing in cellular therapies for lymphoid malignancies. *Immunology Letters*. 2020 Jul 17.
- 13- Ghasemi K, Parkhideh S, Kazemi MH, Salimi M, Salari S, Nalini R, **Hajifathali A**. The role of serum uric acid in the prediction of graft-versus-host disease in allogeneic hematopoietic stem cell transplantation. *Journal of clinical laboratory analysis*. 2020 Jul;34(7):e23271.

- 14- Faridizadeh M, Majd HA, Parkhideh S, **Fathali AH**, Raei M, Ramezani N, Saeedi A, Baghestani AR. Analyzing Survival Rate of Leukemia Patients Applying Long Term Exponential Model. Asian Pacific Journal of Cancer Prevention: APJCP. 2020 Jun;21(6):1539.
- 15- Sayad A, Akbari MT, Ostadali M, Hamidieh AA, Arsang-Jang S, **Hajifathali A**, Ghafouri-Fard S, Taheri M. Comprehensive assessment of association between HLA polymorphisms and acute leukemia in Iranian population. Gene Reports. 2020 Jun 1;19:100674.
- 16- Kaviani S, **Hajifathali A**, Soleimani M. Co-Transplantation of Mesenchymal Stem Cells and Hematopoietic Stem Cells for Prevention of Graft-versus-Host Disease. Authorea Preprints. 2020 May 4.
- 17- Salarpour F, Goudarzipour K, Mohammadi MH, **Hajifathali A**, Farsani MA. Study on the significance correlation between CEBPA and Calreticulin at mRNA level diagnosed in de novo AML patients. Bangladesh Journal of Medical Science. 2020 Apr 12;19(4):730-6.
- 18- Parkhideh S, Chegeni R, Mehdizadeh M, Roshandel E, Tavakoli F, **Hajifathali A**. Effects of ABO incompatibility on the outcome of allogeneic hematopoietic stem cell transplantation. Transfusion and Apheresis Science. 2020 Apr 1;59(2):102696.
- 19- Ardakani MT, Mehrpooya M, Mehdizadeh M, Beiraghi N, **Hajifathali A**, Kazemi MH. Sertraline treatment decreased the serum levels of interleukin-6 and high-sensitivity C-reactive protein in hematopoietic stem cell transplantation patients with depression; a randomized double-blind, placebo-controlled clinical trial. Bone marrow transplantation. 2020 Apr;55(4):830-2.
- 20- Amini M, Kazemnejad A, Rasekhi A, Zayeri F, **Hajifathali A**, Tavakoli F. Application of latent class analysis in diagnosis of graft-versus-host disease by serum markers after allogeneic haematopoietic stem cell transplantation. Scientific reports. 2020 Feb 27;10(1):1-0.
- 21- Ramezani N, Khadembashi N, Salari S, **Hajifathali A**, Faridizadeh M, Baghestani AR. Inverse Entezar Weibull and Its Application in Identification of Influential Factors on the Survival of Patients with Blood Cancers. International Journal of Cancer Management. 2020 Jan 31;13(1).
- 22- RAOUFI A, KELARIJANI BR, AHADI HR, DERAKHSHANDEH BH, NOOROOLLAHZADEH Z, **HAIJIFATHALI A**. Association of MTHFR C677T and A1298C Polymorphisms with Susceptibility to Chronic Lymphocytic Leukemia: A Systematic Review and Meta-Analysis. Iranian Journal of Public Health. 2020;50(1):83-92.
- 23- Momeni-Varposhti Z, Kazemi MH, Talebi M, Chegeni R, Roshandel E, **Hajifathali A**, Movassaghpour AA. Plasma levels of norepinephrine and expression levels of β 2-adrenergic receptor gene correlate with the incidence of acute graft-versus-host disease. Medical Journal of the Islamic Republic of Iran. 2020;34:151.
- 24- **Hajifathali A**, Mehdizadeh M, Vosoughi T, Tabarraee M, Talebi A, Pezeshki SM, Saki N, Hesam S, Salehzadeh M. Comparison of survival between hodgkin and non-hodgkin lymphoma after autologous stem cell transplantation. Clinical Cancer Investigation Journal. 2020 Jan 1;9(1):1.

- 25- Akhlaghi Pirposhte E, Jafari MJ, Farhang Dehghan S, Khodakarim S, **Hajifathali A**. Investigating the relationship between heat stress and workers' blood parameters in a foundry. *Journal Mil Med*. 2019 Dec 19;21(6):618-27.
- 26- Salehnasab C, **Hajifathali A**, Asadi F, Roshandel E, Kazemi A, Roshanpoor A. Machine Learning Classification Algorithms to Predict aGvHD following Allo-HSCT: A Systematic Review. *Methods of information in medicine*. 2019 Dec;58(06):205-12.
- 27- Feizi F, Allahbakhshian Farsani M, Mirzaeian A, Takhviji V, **Hajifathali A**, Hossein Mohammadi M. Triangle collaboration assessment of autophagy, ER stress and hypoxia in leukemogenesis: a bright perspective on the molecular recognition of B-ALL. *Archives of physiology and biochemistry*. 2019 Jul 19:1-5.
- 28- Moradi F, Babashah S, Sadeghizadeh M, Jalili A, **Hajifathali A**, Roshandel H. Signaling pathways involved in chronic myeloid leukemia pathogenesis: The importance of targeting Musashi2-Numb signaling to eradicate leukemia stem cells. *Iranian journal of basic medical sciences*. 2019 Jun;22(6):581.
- 29- **Hajifathali A**. Evaluation of Beclin 1 and Atg10 gene expression of the autophagy pathway in acute lymphoblastic leukemia patients. *Scientific Journal of Kurdistan University of Medical Sciences*. 2019 Feb 10;23(6):142-51.
- 30- Hasanpour SZ, ALLAHBAKHSHEAN FM, **HAIJIFATHALI A**, MOHAMMADI MH. Evaluation of Beclin 1 and Atg10 gene expression of the autophagy pathway in acute lymphoblastic leukemia patient.
- 31- Hosseinzadeh F, Ai J, Ebrahimi-Barough S, Seyhoun I, **Hajifathali A**, Muhammadnejad S, Hosseinzadeh F, Shadnoush M, Oskouei FD, Verdi J. Natural killer cell expansion with autologous feeder layer and anti-cd3 antibody for immune cell therapy of hepatocellular carcinoma. *Asian Pacific journal of cancer prevention: APJCP*. 2019;20(12):3797.
- 32- Amiri V, Mohammadi M, Farsani MR, Gharehbaghian A, **Hajifathali A**, Khazaei Z, Farsani MA. Evaluation of UHRF1 and P16INK4A expression levels in newly diagnosed AML patients. *Biomedical Research and Therapy*. 2018 Sep 27;5(9):2658-63.
- 33- Roshandel E, Mehdizadeh M, Salari S, Parkhideh S, Jalili A, **Hajifathali A**. Blood Group: A Key Factor Affecting Mononuclear Cells Mobilisations and Myeloid Engraftment in Allogeneic Transplantation. *InBONE MARROW TRANSPLANTATION* 2018 Sep 1 (Vol. 53, pp. 885-886). MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND: NATURE PUBLISHING GROUP.
- 34- Fard AD, Kaviani S, Noruzinia M, Soleimani M, **Hajifathali A**. The Role of Pomalidomide-Based Epigenetic Effect on DNMT Genes Expression in Myeloma Cell Line. *Acta Medica Iranica*. 2018 Jun 23:355-9.
- 35- Sayad A, **Hajifathali A**, Omrani MD, Arsang-Jang S, Hamidieh AA, Taheri M. Expression of TNF-and HNRNPL-related immunoregulatory long non-coding RNA (THRIL) in acute myeloid leukemia: is there any correlation?. *Iranian Journal of Allergy, Asthma and Immunology*. 2018 Jun 10:274-80.

- 36- Aghajani S, Roshandel E, Farsinezhad A, **Hajifathali A**. The effect of circadian rhythm on the secretion of adrenaline and noradrenaline and its relationship with mobilization of CD34 stem cells. *Research in Medicine*. 2018 Mar 10;42(1):1-6.
- 37- Nezhad HA, Mohammadi MH, Khosravi MR, Salari S, **Hajifathali A**, Farsani MA. The evaluation of p21 and p27 expression in HLA-DR negative AML patients. *World Family Medicine Journal: Incorporating the Middle East Journal of Family Medicine*. 2018 Feb;99(5832):1-6.
- 38- Sayad A, **Hajifathali A**, Hamidieh AA, Esfandi F, Taheri M. Fas-antisense long noncoding RNA and acute myeloid leukemia: is there any relation?. *Asian Pacific journal of cancer prevention: APJCP*. 2018;19(1):45.
- 39- Sayad A, **Hajifathali A**, Taheri M. Association of ANRIL gene polymorphisms with acute myeloid leukemia in an Iranian population. *International Journal of Cancer Management*. 2017 Oct 31;10(10).
- 40- Farsani MR, Amiri V, **Hajifathali A**, Mohammadi M, Jabari M, Farsani MA, Asadi-Samani M. The expression patterns of APC2 and APC7 in newly diagnosed acute lymphoblastic leukemia. *Journal of Pharmaceutical Research International*. 2017 Oct 28:1-8.
- 41- Sayad A, **Hajifathali A**, Hamidieh AA, Roshandel E, Taheri M. HOTAIR long noncoding RNA is not a biomarker for acute myeloid leukemia (AML) in Iranian patients. *Asian Pacific journal of cancer prevention: APJCP*. 2017;18(6):1581.
- 42- Sayad A, **Hajifathali A**, Taheri M. Polymorphisms in lncRNA HOTAIR and susceptibility to acute myeloid leukemia in Iranian patients. *Age (mean±SD, Y)*. 2017;33:2-9.
- 43- Ardakani MT, Ghassemi S, Mehdizadeh M, Mojab F, Salamzadeh J, Ghassemi S, **Hajifathali A**. Evaluating the effect of *Matricaria recutita* and *Mentha piperita* herbal mouthwash on management of oral mucositis in patients undergoing hematopoietic stem cell transplantation: A randomized, double blind, placebo controlled clinical trial. *Complementary therapies in medicine*. 2016 Dec 1;29:29-34.
- 44- Soufi-Zomorrod M, **Hajifathali A**, Kouhkan F, Mehdizadeh M, Rad SM, Soleimani M. MicroRNAs modulating angiogenesis: miR-129-1 and miR-133 act as angio-miR in HUVECs. *Tumor Biology*. 2016 Jul;37(7):9527-34.
- 45- Tabarraee M, Tavakoli-Ardakani M, Mehdizadeh M, Ghadiani M, Rezvani H, **Hajifathali A**. Oral Ciprofloxacin Prophylaxis in Patients Undergoing High Dose Therapy and Autologous Hematopoietic Stem Cell Transplantation. *Iranian journal of pharmaceutical research: IJPR*. 2016;15(Suppl):159.
- 46- Ardakani MT, Tafazoli A, Mehdizadeh M, **Hajifathali A**, Dadashzadeh S. A 16 Month survey of cyclosporine utilization evaluation in allogeneic hematopoietic stem cell transplant recipients. *Iranian journal of pharmaceutical research: IJPR*. 2016;15(1):331.
- 47- Saba F, Bohlooli M, Kaviani S, Zonoubi Z, Sayyadipoor F, **Hajifathali A**. Distribution Of Leukocytes In Women With Vaginal Delivery Compared To Elective Caesarean. *Journal of Payavard Salamat*. 2015 Nov 10;9(4):373-80.

- 48- Mehdizadeh M, **Hajifathali A**, Tafazoli A. Drug Utilization Evaluation of Cyclosporine in Allogeneic Hematopoietic Stem Cell Transplantation. *Experimental and clinical transplantation: official journal of the Middle East Society for Organ Transplantation*. 2015 Oct 1;13(5):461-6.
- 49- Tari K, Atashi A, Yarahmadi R, Abroun S, **Hajifathali A**, Kaviani S, Soleimani M. Myeloproliferative Neoplasms Associated with Mutation in JAK2V617F and Tyrosine Kinase Inhibitors as Therapeutic Strategy. *Research in Molecular Medicine*. 2015 May 10;3(2):1-0.
- 50- Tavakoli-Ardakani M, Mehrpooya M, Mehdizadeh M, **Hajifathali A**, Abdolahi A. Association between Interlukin-6 (IL-6), Interlukin-10 (IL-10) and depression in patients undergoing Hematopoietic stem cell transplantation. *International journal of hematology-oncology and stem cell research*. 2015 Apr 1;9(2):80.
- 51- Mehdizadeh M, **Hajifathali A**. Efficacy of CEAM regimen in hematopoietic stem cell transplantation for relapsed or refractory Hodgkine lymphoma. In *BONE MARROW TRANSPLANTATION 2015 Mar 1* (Vol. 50, pp. 5592-5592). MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND: NATURE PUBLISHING GROUP.
- 52- **Hajifathali A**, Saba F, Atashi A, Soleimani M, Mortaz E, Rasekhi M. The role of catecholamines in mesenchymal stem cell fate. *Cell and tissue research*. 2014 Dec;358(3):651-65.
- 53- Sayad A, Akbari MT, Mehdizadeh M, Taheri M, **Hajifathali A**. HLA-A* 26 and Susceptibility of Iranian Patients with Non-Hodgkin Lymphoma. *Iranian Journal of Immunology*. 2014 Dec 1;11(4):269-74.
- 54- Sayad A, Akbari MT, Mehdizadeh M, Roshandel E, Abedinpour S, **Hajifathali A**. The Association of HLA Class 1 and Class 2 Antigens with Multiple Myeloma in Iranian Patients. *Turkish Journal of Hematology*. 2014 Dec;31(4):388.
- 55- Sayad A, Akbari MT, Mehdizadeh M, Movafagh A, **Hajifathali A**. The association of HLA-class I and class II with Hodgkin's lymphoma in Iranian patients. *BioMed research international*. 2014 Jan 1;2014.
- 56- Rezvani M, **Hajifathali A**. The Effect of Organizational Factors on Business Growth in International Franchises; The case of Iranian food industry. *International Journal of Marketing and Technology*. 2013 Nov 1;3(11):150.
- 57- Babashah S, Sadeghizadeh M, **Hajifathali A**, Tavirani MR, Zomorod MS, Ghadiani M, Soleimani M. Targeting of the signal transducer Smo links microRNA-326 to the oncogenic Hedgehog pathway in CD34+ CML stem/progenitor cells. *International journal of cancer*. 2013 Aug 1;133(3):579-89.
- 58- Tavakoli-Ardakani M, Neman B, Mehdizadeh M, **Hajifathali A**, Salamzadeh J, Tabarraee M. Clinical effect of individualized parenteral nutrition vs conventional method in patients undergoing autologous hematopoietic SCT. *Bone marrow transplantation*. 2013 Jul;48(7):958-62.
- 59- Alavimajd H, Borumandnia N, Mabudi AA, Kariman NO, Ardebili NS, **Hajifathali AB**. Selection of two cut-off points via generalized Youden index and receiving operating characteristic surface to predict preeclampsia using the hemoglobin levels in the first trimester of pregnancy. *Koomesh*. 2013;14(3).

- 60- Soufizomorrod M, Soleimani M, **Hajifathali A**, Mohammadi MM, Abroun S. Expansion of CD133+ umbilical cord blood derived hematopoietic stem cells on a biocompatible microwells. *International journal of hematology-oncology and stem cell research*. 2013;7(1):9.
- 61- **Hajifathali A**. Expansion of CD133+ umbilical cord blood derived hematopoietic stem cells on a biocompatible microwells. *International Journal of Hematology-Oncology & Stem Cell Research*. 2013 Jan 1;7(1).
- 62- Rezvani M, **Hajifathali A**. International Franchising and the Growth of SME's in Food Industry of Iran. *Asian Journal of Research in Business Economics and Management*. 2013;3(9):45-58.
- 63- Habibi H, Abroun S, **Hajifathali A**, Soleimani M, Kaviani S, Kalantari N, Eslahchi S. Osteogenic inhibition in multiple myeloma. *Cell Journal (Yakhteh)*. 2013;15(3):266.
- 64- Babashah S, Sadeghizadeh M, Soleimani M, Babashah S, **Hajifathali A**, Tavirani MR. Toward microRNA-based therapeutics for CML; a promising novel therapeutic approach for eradicating drug resistant leukemic stem cells.
- 65- Fard AD, Kaviani S, Noruzinia M, Soleimani M, Abroun S, Chegeni R, **Hajifathali A**, Zonoubi Z, Ahmadvand M, Mohammadi MM, Saki N. Evaluation of H3 histone methylation and colony formation in erythroid progenitors treated with thalidomide and sodium butyrate. *Laboratory Hematology*. 2013;19(1):1-5.
- 66- Mehdizadeh M, **Hajifathali A**, Tabarraee M, Tavakoli-Ardakani M. Plerixafor in the treatment of stem cell mobilization failure; first experience in Iran. *Iranian journal of pharmaceutical research: IJPR*. 2013;12(Suppl):189.
- 67- Dehghanifard A, Kaviani S, Noruzinia M, Soleimani M, Abroun S, **Hajifathali A**, Pourfathollah AA, Mortazavi Y, Ahmadvand M, Mahmoodinia-Meymand M, Kaviani Z. Synergistic effect of sodium butyrate and thalidomide in the induction of fetal hemoglobin expression in erythroid progenitors derived from cord blood CD133+ cells. *Zahedan Journal of Research in Medical Sciences*. 2012 Sep 1;14(7):29-33.
- 68- Rezaee Seraji B, Ravasi AA, **Hajifathali A**, Soori R, Mahdizadeh M, Amini M. The effects of aerobic exercise on erythrocyte indices in cancer patients after autologous hematopoietic stem cell transplantation. *Scientific Journal of Iran Blood Transfus Organ*. 2012 Aug 10;9(3):251-7.
- 69- Babashah S, Sadeghizadeh M, Soleimani M, **Hajifathali A**, Rezaei Tavirani M. Production of recombinant lentiviruses expressing miR-16 by transient transfection of 293T Cells. *Pathobiology Research*. 2012 Apr 10;15(1):1-2.
- 70- BABASHAH S, SOLEIMANI M, SADEGHIZADEH M, **HAJIFATHALI A**, REZAEI TM, GHADIANI M. HIGH-THROUGHPUT Q-RT-PCR-BASED DETECTION OF MICRORNAS; A PROMISING NOVEL CLINICAL TOOL FOR LEUKEMIA DIAGNOSIS AND THERAPY.
- 71- **Hajifathali A**, Sayad A, Sayad A, Sayad A, Arjang Z, Mohseni Y, Babamohammadi G, Zare S, Sarzaeem A, Akbari A, Asgari N. The association of -308 TNF α polymorphism and multiple sclerosis in Iranian patients. *Journal of Biology and Today's World*. 2012;1(2):114-21.

- 72- Fard AD, Kaviani S, Noruzinia M, Soleimani M, Abroun S, **Hajifathali A**, Pourfathollah AA, Mortazavi Y, Zonoubi Z, Ahmadvand M, Shahjahani M. Changing the pattern of histone H3 methylation following treatment of erythroid progenitors derived from cord blood CD133+ cells with sodium butyrate and thalidomide. *Iranian Journal of Blood and Cancer*. 2012;4(2):53-9.
- 73- Movafagh A, **Hajifathali A**, Zamani M. Secondary chromosomal abnormalities of de novo acute myeloid leukemia: a first report from the Middle East. *Asian Pac J Cancer Prev*. 2011 Jan 1;12(11):2991-4.
- 74- Movafagh A, **Hajifathali A**, Isfahani F, Attarian H, Ghadiani M, Rezvani H, Heidari MH, Miri R, Javadi MH. Geographic heterogeneity of cytogenetic characteristics of Acute Myeloid Leukemia in the early detection: a comparative study of Iranian and Indian adult patients. *Iranian Journal of Cancer Prevention*. 2009;2(2):85-9.
- 75- **Hajifathali A**, Ilkhani M, Azargashb E, Shams HO, Razian A, Esfahani FA. Effects of Leukocyte-Depletion Filters on Alluimmunization Derived Reactions of Platelet Transfusion in Acute Leukemic Patients. *Pajoohandeh Journal*. 2008 Jun 10;13(2):155-8.
- 76- **Hajifathali A**, Ainy E, Jafari H, Moghadam NM, Kohyar E, Hajikaram S. In-patient satisfaction and its related factors in Taleghani University Hospital, Tehran, Iran. *Pakistan Journal of Medical Sciences*. 2008 Apr 1;24(2):274.
- 77- Jafari H, Ainy E, Sh H, Kohyar E, **Hajifathali A**. Patient satisfaction and its related factors in Ayatollah taleghani hospital in 2006. *Pajoohandeh Journal*. 2008 Jan 10;12(6):541-6.
- 78- Rezvany MR, Kazemi A, **Hajifathali A**, Kaviani S, Mellstedt H. Analysis of HLA-G gene expression in B-lymphocytes from chronic lymphocytic leukemia patients. *Source of the Document Iranian Biomedical Journal*. 2007 Feb 19:125-9.
- 79- Chegeni R, Kazemi B, **Hajifathali A**, Pourfathollah A, Lari GR. Factor V mutations in Iranian patients with activated protein C resistance and venous thrombosis. *Thrombosis research*. 2007 Jan 1;119(2):189-93.
- 80- Navidi GR, Rezvan H, Samiei S, Naghizadeh R, **Hajifathali A**, Soleimanlo F, Tahernia R, Esmaeilzadeh S. A preliminary study on the effect of two therapeutic procedures on the expression of BCR-ABL gene in CML patients. *Scientific Journal of Iran Blood Transfus Organ*. 2005 Sep 10;2(5):151-6.
- 81- Soleimani M, Mozdarani H, Pourfathollah A, Mortazavi Y, Alimoghaddam K, Nikogoftar M, Zonobi Z, **Hajifathali A**. Expansion of non-enriched cord blood stem/progenitor cells CD34+ CD38-using liver cells. *Iranian Biomedical Journal*. 2005 Jul 10;9(3):111-6.
- 82- Chegeni R, Kazemi B, **Hajifathali A**, Pourfathollah A, Rastegar G, Ahmadi M, Tabatabaie M, Mehrabi Y. Detection of the Factor V Leiden Mutation in Iranian Patients with Venous Thrombosis. *Biotechnology*. 2005;4(1):76-8.
- 83- SOLEIMANI M, MOZDARANI H, POURFATHOLLAH A, MORTAZAVI Y, ALIMOGHADDAM K, **HAJIFATHALI A**, ZONOBI Z. EXPANSION OF HUMAN CORD BLOOD PRIMITIVE

PROGENITORS IN SERUM-FREE MEDIA USING HUMAN BONE MARROW MESENCHYMAL STEM CELLS. Medical Journal of The Islamic Republic of Iran (MJIRI). 2004 Nov 10;18(3):257-63.

84- Babashah S, Soleimani M, Sadeghizadeh M, **Hajifathali A**, Tavirani MR, Ghadiani M. Advanced Technologies in Clinical Laboratories O8-O13.

Oral and Poster presentations

- 1- Elham Roshandel, Arsalan Jalili, Samira Bahrami, **Abbas Hajifathali**: Overall survey on the rule of N–K-Cells in Cell Therapy and Bone Marrow Transplantation. 2nd National Conference on Molecular Medicine in Diagnosis and Treatment of Diseases; (02/2016)
- 2- Elham Roshandel, Arsalan Jalili, Masoud Soleimani, **Abbas Hajifathali**, Sayeh Parkhideh, Amir Atashi: Catecholaminergic neurotransmitters affect mobilization of mesenchymal stem cells through enhancing the expression of uPA and Upar. 2nd international congress on stem cell and cellular therapies, Antalya, Turkey; (10/2015)
- 3- Elham Roshandel, Fakhredin Saba, **Abbas Hajifathali**, Mahshid Mehdizadeh. Effect of G-CSF starting on day 1,3 and 5 post-autologous stem cell transplantation on WBC and platelet engraftment. stem cell congress, At Shariati hospital, Tehran, Iran.(01/2014)
- 4- Arsalan Jalili, Samira Bahrami, Elham Roshandel, **Abbas Hajifathali**: Apprising the decreased expression of TP53 and P21 in Colorectal cancer. 2nd National Conference on Molecular Medicine in Diagnosis and Treatment of Diseases; (02/2016)
- 5- Soraya Moamer, Ahmad Reza Baghestani, Naser Ahmadi, **Abbas Hajifathali**: Comparison of Survival Rate between Autologous and Allogeneic Bone Marrow Transplantation In The Treatment of Patients With Leukemia: Adjusted Analysis With Semiparametric Model. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran , Iran, 28-30 Oct 2017.
- 6- Samira Karami, sayeh parkhideh, afshin mohammad alizadeh, mohammad hossein mohammadi, arsalan jalili, **abbas hajifathali***; Body Mass Index as a Pre-Transplantation Prognostic Factor In Patients With Allogeneic and Autologous Hematopoietic Stem Cell Transplantation. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran , Iran, 28-30 Oct 2017.
- 7- Maryam Salimi, Samaneh Asgari, Sayeh Parkhide, Maria Tavakoli, Mehdi Amini, **Abbas Hajifathali***; Induction of Hematopoietic Stem Cells by Plerixafor and G-CSF In Patients with Autologous

Hematopoietic Stem Cell Transplantation. The 22nd International Congress of Asia- Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.

- 8- Arsalan Jalili, Mahshid Mehdizadeh, Mohammadhossein Mohammadi, Naser Shagerdi Esmaeili, Afshin Mohammad Alizadeh, **Abbas Hajifathali***; Association of Hemoglobin Levels with Clinical Outcome In Patients Undergoing Hematopoietic Stem Cell Transplantation. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 9- Shaghayegh Shahsavan, Sayeh Parkhideh, Maryam Nikoonezhad, Ashkan Pirayesh, **Abbas Hajifathali***; Can Platelet Count Predict The Results of CD34+ Stem Cell Mobilization? The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28- 30 Oct 2017.
- 10- Farzaneh Tavakoli, Sina Salari, Mohamadreza Mohamadimaram, Amin Mirzaeian, Ghazaleh Sankanian, **Abbas Hajifathali ***; The Effect of Blood Group on Mobilized MNC Counts In Normal Donors For Allogeneic Stem Cell Transplantation. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 11- Mohamadreza Mohamadimaram, Mehdi Allahbakhshian Farsani, Farzaneh Tavakoli, Parisa Anvari, **Abbas Hajifathali***; Comparison of Myeloid Engraftment In ABO-Matched and Mismatched Allogeneic HSCTS. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 12- Farid zayeri, Sina Salari, Zahra Shirmohamai Hesari, Bentolhoda Kuhestani Dehaghi, Mehdi Akbarzadeh, Nazanin Ramezani, Mohamadreza Pur ahmadi, Farzaneh Tavakoli, **Abbas Hajifathali***; Assessment of Changes in White Blood Cells In Patients Underwent Hematopoietic Stem Cell Transplantation: Random Effects Model. The 22nd International Congress of Asia- Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 13- Abbas Khosravi, Elham Khodadi, Samira Karami, **Abbas Hajifathali***, Sahar Bagherzadeh ; Comparison of G-CSF Administration In +1 and +5 Day In Patients With Allogeneic and Autologous Hematopoietic Stem Cell Transplantation. The 22nd International Congress of Asia- Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 14- Bentolhoda Kuhestani, Bentolhoda Kuhestani dehaghi, Elham Roshandel, **Abbas Hajifathali***, Sina Salari, Sayeh Parkhideh; CXCL12-A Allele, an Independent Molecular Biomarker To Predict The Yield of CD34+ Progenitor Cells. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 15- Sanaz Aghajani, Dr.Elham Roshandel, Dr.Alireza Farsi nejad, **Abbas Hajifathali***; Can G-CSF Eliminate Circadian Oscillation of Hematopoietic Stem Cells to Peripheral Blood. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.

- 16- Elahe Khodadi, Sina Salari, Abbas Khosravi, Samaneh Asgari, Yasaman Sakha, **Abbas Hajifathali***; Association of Body Mass Index With Stem Cell Mobilization In patients With Autologous Hematopoietic Stem Cell Transplantation. The 22nd International Congress of Asia- Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 17- Farideh Balazadeh, maria tavakoli, mahshid mehdizadeh, maryam salimi, mahindokht sayadinia, **abbas hajifathali***; Comparison of The Efficacy of Neupogen, Pdgrastim and Zarzio With Stem Cell Mobilization In Patients With Autologous Hematopoietic Stem Cell Transplantation. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28- 30 Oct 2017.
- 18- Zahra Momeni, Aliakbar Movassaghpour, Mohammad Hossein Kazemi, Elham Roshandel, **Abbas Hajifathali***; Lower Serum Levels of Epinephrine and Norepinephrine Is Associated With Higher Risk of Acute Graft-Versus-Host Disease. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 19- Nazanin ramezani, Ahmadreza Baghestani, Mostafa Faridizade, Sina Salari, Zahra shirmohamai hesari, Elahe Khodadi, **Abbas Hajifathali***; Evaluation of Effective Factors for Relapse In Patients Under Hematopoietic Stem Cell Transplantation Using Logistic Regression Model. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28- 30 Oct 2017.
- 20- Soraya Moamer, Ahmad Reza Baghestani, Maryam Dehghani, **Abbas Hajifathali***; Assessment of Survival and Prognostic Factors after Bone Marrow Transplantation in Adults With Hematologic Cancer From IRAN, Between 2007 and 2016. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 21- **Abbas Hajifathali***, Mahshid Mehdizadeh; Hematopoietic Stem Cell Transplantation in Taleghani Hospital. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 22- Nazanin Ramezani, ahmadreza baghestani, Mahsa Moosavi, Sayeh Parkhideh, Zahra Shirmohamai Hesari, Arsalan Jalili, **Abbas Hajifathali***; Survival Analysis in Patients Underwent Hematopoietic Stem Cell Transplantation in Taleghani Hospital. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 23- Maryam Dehghani, Ahmad Reza Baghestani, Mahdi Allahbakhshian, Somayeh Yazdani, Samira Karami, Mahshid Mehdizadeh, **Abbas Hajifathali***; Evaluation of Survival Rate of Patients Undergoing Hematopoietic Stem Cell Transplantation Using a Frailty Model. The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation, Tehran, Iran, 28-30 Oct 2017.
- 24- **Abbas Hajifathali**; Transfusion thresholds in hematopoietic stem cell patients: Iranian Experience. 11th Annual AATM Conference. Tehran, Iran. 2018.

Projects

- 1- A therapeutic and side effects' comparison between Reditux and brand type (MabThera) in Diffuse Large B Cell Lymphoma (DLBCL) (IRCT registration number: IRCT201010124920N1 /Date registration: August 2, 2011)
- 2- Evaluation of efficacy of Placenta-derived Decidual Stromal Cells (DSCs) for the treatment of Graft-Versus-Host Disease grade II-IV, Randomised clinical trial. (Shahid Beheshti University of Medical Sciences, 2016)
- 3- Immunophotyping identification of various dendritic cells in Bone marrow Transplanted patients and correlation with Acute and chronic GVHD. (Project ID: 7795) (Shahid Beheshti University of Medical Sciences, 2017)
- 4- Evaluation of NK-cells Killer immunoglobulin-like receptor and KIR- ligand genotyping as a predictive factor of GVHD among hematological malignant patients who received bone marrow transplantation. (Project ID: 12469) (Shahid Beheshti University of Medical Sciences, ongoing)
- 5- The evaluation of P53 and MDM2 in TGF-b/TGF-bR signaling pathway in AML patients. (Project ID: 10398) (Shahid Beheshti University of Medical Sciences, ongoing)
- 6- The evaluation of Anaphse promoting complex 2 and 7gene expression levels and its relation with BCR-ABL fusion gene transcript level in patient with chronic myelocytic leukemia. (Project ID: 5367) (Shahid Beheshti University of Medical Sciences, ongoing)
- 7- Investigation of Effectiveness of Adjuvant Psychological Therapy (APT) on Quality of life, depression and anxiety of patients undergoing Blood and Marrow Transplantation: pilot study. (Project ID: 5970) (Shahid Beheshti University of Medical Sciences, ongoing)
- 8- Use of autologous CD34 + hematopoietic stem cell transplantation in patients with multiple sclerosis (MS) and its comparison with conventional therapy. (Project ID: 15380) (Shahid Beheshti University of Medical Sciences, ongoing)
- 9- Evaluation of efficacy and safety of decidual stromal cell therapy in patients with IBD. (Shahid Beheshti University of Medical Sciences, ongoing)

- 10- Evaluation of placenta-derived decidual stromal cell efficacy for the treatment of steroid refractory graft versus host disease. (Tarbiat Modares university, finished).
 - 11- Plasma exchange in the treatment of patients with COVID-19 to reduce virus load and inflammatory molecules. (Project ID: 23054) (Shahid Beheshti University of Medical Sciences, ongoing)
 - 12- Use of convalescent plasma in the treatment of patients with severe COVID-19 pneumonia. (Project ID: 22992) (Shahid Beheshti University of Medical Sciences, ongoing)
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Attending in Conferences, Seminars, etc.

- 1- 43rd annual meeting of the European SOCIETY for Blood and Marrow Transplantation. 26-29 march 2017. Marseille, France.
- 2- The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation. Iran-Tehran-Espinas Palace Hotel 28-30 Oct 2017.
- 3- 15th Congress of the Iranian Society of Medical Oncology and Hematology and Annual Oncology Nursing Conference. 26-28 October 2016. Tehran, Iran.
- 4- ESMO 2016 Congress. Copenhagen, Denmark (7.-11.10.2016)
- 5- 2nd National Conferance/ on Molecular Medicine in Diagnosis and Treatment of Diseases (18/02/2016) Shahid Beheshti University, Tehran, Iran.
- 6- The First National Festival & International Congress on Stem cell and Regenerative Medicine (19-21 may 2016) Tehran, Iran
- 7- 2nd Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine (7-9 november 2015) Tehran, Iran.
- 8- Symposium of Cell Therapy in Inflammatory and Autoimmune Diseases (17/11/2015) Shahid Beheshti University, Tehran, Iran.
- 9- 19th Congress of EHA. June 12-15 2014. Milan. Italy.
- 10- 39th ESMO Congress- ESMO 2014. Madrid, Spain (26.-30.09.2014)
- 11- 7th International Hematology Expert Meeting. May 1st-4th 2014. Nuremberg, Germany.
- 12- 17th Congress of EHA. June 14-17 2012, Amsterdam, Netherlands.
- 13- 11th Iranian Congress of Medical Oncology and Hematology. 25-27 April 2012. Tehran, Iran.