

CURRICULUM VITAE
Saeed Mohammadi. PhD



Surname Saeed

Forename Mohammadi

Sex Male

Date of birth October 23, 1980s

Place of birth Iran

Marital status Single

Iranian medical council registration No. 2635-1

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EDUCATION

- **2012-2015:** PhD in Hematology and Blood Banking, Iranian Blood Transfusion Research Center. Tehran, Iran. November- 2015.
- **2008-2012 :** I have been working in experimental hematology laboratory in Hematology, Oncology and Bone Marrow Transplantation Research Center, Shariati Hospital, Tehran University of Medical Sciences, Tehran, Iran
- **2004 -2007:** M.Sc. in Hematology and Transfusion Medicine, Iranian Blood Transfusion Organization, Tehran, Iran.
- **1997-2001.:** B.Sc. in Medical Laboratory Science, Shahid Bahonar University of Kerman, Kerman, Iran.

HONORS &AMWARDS

- **Ranked 3th** in Hematology and Blood Banking among **500_participants** in Iranian graduate nationwide entrance exam, **2004.**
- **Ranked 2th** in Hematology and Blood Banking among all candidates in the PhD exam. **2008**
- **Ranked firstth** in "PhD exam in **Tehran medical university** ", **2009**
- Obtaining full scholarship from Tehran medical university for PhD. **2009**
- Staff of Hematology and Oncology and Bone Marrow Transplantation Research Center at Shariati hospital, **2008**
- Dr. Harold Gunson Fellowship from **International Society of Blood Transfusion (IBTO) , Berlin, Germany, 2010**
- Dr. Harold Gunson Fellowship from **International Society of Blood Transfusion (IBTO) , Dubai, , 2016**

TRAINING

- Invited speaker for the first Work shop of platelet apheresis in regenerative medicine , helped by vice presidency Council for stem cell science and technology and Kerman university, Kerman, Iran, 8-9 February , 2017
- Invited speaker for the first Work shop of apheresis in HSCT helped by Ahvaz university of medical sciences, Ahvaz, Iran, November 2016
- Invited speaker for the first Work shop of hematopoietic stem cell transplantation, helped by vice presidency Council for stem cell science and technology, Tehran, Iran, August 11 , 2016
- Transfusion medicine in HSCT work shop helped by nursing committee of Tehran medical university, Tehran, Iran, November 23-24 , 2015
- Work shop for blood and blood component handling& hemovigilance system, helped by IBTO, Tehran, Iran, November 9 , 2013
- Work shop for karyotyping in hematologic malignancy , Jun 2013
- International flow cytometry work shop helped by Tehran Medical university, Tehran, Iran, January, 15-18 , 2013
- Work shop for article publishing helped by Tehran Medical Science , Tehran, Iran, November 28 , 2012
- Hematopoietic stem cell transplantation workshop held by Iranian Blood transfusion Research Center (IBRC), Tehran, Iran. February 8-17, 2012.
- Work shop in Apheresis helped by Termo BCT, Tehran , Iran, July, 2011
- Work shop in Apheresis helped by IBTO, Tehran , Iran, December,13-16, 2008

MEMBERSHIP

- Member of Medical Council. 2015
- Member of International Society of Hemostasis and Thrombosis (ISHT), 2016-present

- Member of International Society of Blood transfusion (ISBT), 2016-present
- Member of Iranian Society of Hemostasis and Thrombosis (ISBT), 2016-present

ADMINISTRATIVE POSITIONS

- Member of scientific committee of 22 Annual Asian Pacific Bone Marrow Transplantation (APBMT) congresses 2017.
- Technical director of Apheresis ward at HOSCR, 2016- present
- Member of International Society of Hemostasis and Thrombosis (ISHT), 2016-present
- Member of council for stem cell science and technology 2015
- Member of platelet committee in vice presidency Council for stem cell science and technology, 2015
- Member of cancer committee in vice presidency Council for stem cell science and technology, 2015
- Member of novel technology committee in vice presidency Council for stem cell science and technology, 2015
- Member of Iranian Society of pathology , 2014 – present
- Member of IBTO scientific committee , 2013-present
- Member of initial research committee of Hematology, Oncology and SCT Research Center, 2012- present
- Member of International Society of Blood Transfusion , 2010 till now

REVIWER FOR JOURNALS

- Blood of IBTO , 2015-Present
- Hematology ,Oncology and Stem Cell transplantation, 2012-present
- Cancer science and Research, 2016-present
- Cell journal, 2016-present
- Comparative clinical pathology, 2016-present

- Transfusion and Apheresis Science, 2017- present
- APMIS JOURNAL
- NIMAD
- ASIAN PACIFIC JOURNAL OF CANCER PREVENTION

APPOINTMENTS

- Assistant Professor in hematology, Oncology and stem cell Transplantation Research Center, Tehran University of medical sciences, Tehran, Iran, 2017-present
- Researcher; Hematology, Oncology and SCT Research Center, Tehran University of Medical Sciences, Tehran, Iran. 2012 – present

PUBLICATIONS

Articles

1. **Saeed Mohammadi**, Mahdi Zahedpanah , Mojgan Shaiegan, Seyed Hamidollah Ghaffari, Mohsen Nikbakht, Mahin Nikugoftar, Babak rahmani, Dariush hamedi asl, **Evaluation of the gene expression of the cytoprotective proteins in response to Daunorubicin in U937 cells**, *Int J Cancer Manag* 2018 April; 11(4):e10044
2. Ardestani MT, Kazemi A, Chahardouli B, **Mohammadi S**, Nikbakht M, Rostami S, Jalili M, Vaezi M, Alimoghaddam K, Ghavamzadeh A. **FLT3-ITD compared with DNMT3A R882 mutation is a more powerful independent inferior prognostic factor in adult AML patients after Allogeneic Hematopoietic Stem Cell Transplantation: A retrospective cohort study**. *Turk J Haematol*. 2018 May 22. doi: 10.4274/tjh.2018.0017
3. Akram Mirzaei, **Saeed Mohammadi** *, Seyed H Ghaffari, *, Marjan Yaghmaie, Mohammad Vaezi , Kamran Alimoghaddam , Ardeshir Ghavamzadeh, **Osteopontin b and c Splice isoforms in Leukemia and Solid Tumor: Angiogenesis alongside Chemoresistance**, *Asian Pac J Cancer PrevAsian Pac J Cancer Prev*19 (3), 615-623
4. Mohammad Vaezi, Mohammad Shakouri, Maryam Souri, Mohammad Amin Setaredan, Seyed Asadollah Mossavi, **Saeed Mohammadi***, Kamran Alimoghaddam,

Ardeshir Ghavamzadeh, **The Effect of Lower Number of CD34+ Yields with Lower Dose of G-CSF in Autologous Stem cell Transplantation Long Term Outcomes: A Single Center Study,** *Transfusion and Apheresis Science*, doi: [10.1016/j.transci.2018.03.007](https://doi.org/10.1016/j.transci.2018.03.007)

5. Amir Hossein Norooznezhad, Ashraf Malek Mohammadi¹, Hosein Kamranzadeh Fumani, Parivash Aminian, Mahdi Jalili, Mohsen Nikbakht, F, **Saeed Mohammadi***, Kamran Alimoghaddam, Ardeshir Ghavamzadeh **Peripheral Blood Stem Cell Apheresis in Low-weighted Children: Results of a Single Center Study,** *Transfusion and Apheresis Science*
6. Ashraf Malek Mohammadi, Amir Hossein Norooznezhad, Parivash Aminian, Mohsen Nikbakht, Ashraf Sadat Hosseini, **Saeed Mohammadi***, Kamran Alimoghaddam¹, Ardeshir Ghavamzadeh' **Photopheresis of a Less than 10kg Child with Acute Graft Versus Host Disease Accompanied with Hyperbilirubinemia: A Case Report** *Transfusion and Apheresis Science*, doi: [10.1016/j.transci.2018.05.006](https://doi.org/10.1016/j.transci.2018.05.006)

Mahnaz Mohammadi Kian; **Saeed Mohammadi**; Mahmoud Tavallaei; Bahram Chahardouli; Saharbano Rostami; Mahdi Zahedpanah; Ardeshir Ghavamzadeh; Mohsen Nikbakht, Inhibitory Effects of Arsenic Trioxide and Thalidomide on Angiogenesis and Vascular Endothelial Growth Factor Expression in Leukemia Cells, *Asian Pac J Cancer Prev*, 19 (4), 1127-1134

7. Taraneh Taghavi Larijani , **Saeed Mohammadi** , Amir Kasaeian , Ashraf Malek Mohammadi * , Shayan Mostafaei, Kamran Alimoghaddam , Ardeshir Ghavamzadeh, **How do Anxiety Affect CD34 and CD3 Cells in Allogeneic Peripheral Blood Stem Cell Transplantation?** *Transfusion and Apheresis Science* , 2018 Feb;57(1):107-110
8. Shayan Mostafaei, Fatemeh Norooznezhad, **Saeed Mohammadi** and Amir Hossein Norooznezhad, **Effectiveness of Platelet-rich Plasma Therapy in Wound Healing of Pilonidal Sinus Surgery: A Comprehensive Systematic Review and Meta-analysis,** *Wound Repair and Regeneration*, 2017 Nov;25(6):1002-1007, doi: [10.1111/wrr.12597](https://doi.org/10.1111/wrr.12597)
9. Ashraf Malek Mohammadi, Amir Hossein Norooznezhad, Parivash Aminian, Mohsen Nikbakht, Bahram chahardouli, Shahrbanoo Rostami , Farhad Heshmati, Saeed Mohammadi*, Ardeshir Ghavamzadeh, **An alternative Method for Custom prime: A Case Report of Successful Peripheral Blood Stem Cell Harvesting from Two Low-Weight Child Donors,** *Transfusion and Apheresis Science* <http://dx.doi.org/10.1016/j.transci.2017.11.003>
10. Mahdieh Salemi; **saeed Mohammadi** ; Ardeshir Ghavamzadeh; Mohsen Nikbakht, **Anti-Vascular Endothelial Growth Factor Targeting by Curcumin and**

Thalidomide in Acute Myeloid Leukemia Cells *Asian Pac J Cancer Prev*, 18 (11), 3055-3061

11. Akram Mirzai; Seyed Hamid Ghaffari; Mohsen Nikbakht; Hosein Kamranzadeh Foumani; Mohammad vaezi; **Saeed Mohammadi***; Kamran Alimoghaddam; Ardeshir Ghavamzadeh, **OPN b and c Isoforms Doubtless Veto Anti-angiogenesis Effects of Curcumin in Combination with Conventional AML Regiment**, *Asian Pac J Cancer Prev*, 18(9):2591-2599
12. Ganjalikhani-Hakemi M, Yazdani R, Esmaeili M, Abolhassani H, Rae W, Azizi G, Dizaji MZ, Shaghaghi M, Abbasi-Rad F, Rezaei A, Afshar-Qasemloo **S, Mohammadi S**, Rezaei N, Aghamohammadi A. **Role of Apoptosis in the Pathogenesis of Common Variable Immunodeficiency (CVID)**, *Endocr Metab Immune Disord Drug Targets*. 2017 Sep 19. doi: 10.2174/1871530317666170919120245
13. **Saeed Mohammadi**, Mahdi Zahedpanaha, Seyed Hamidollah Ghaffari, Mojgan Shaiegan, Mohsen Nikbakht, Mahin Nikugoftar, **Osteopontin plays a unique role in resistance of CD34 +/CD123 + human leukemia cell lines KG1a to parthenolide**, *Life Sciences* 189 (2017) 89-95
14. **Saeed Mohammadi**, Amir Hossein Norooznezhad, Ashraf Malek Mohammadi, Hajar Nasiri1, Mohsen Nikbakht, Najmaldin Saki, Mohammad Vaezi, Kamran Alimoghaddam* and Ardeshir Ghavamzadeh, **Optimizing peripheral blood stem cells transplantation outcome through amend relapse and graft failure: a review of current literature**, *Exp Hematol Oncol* (2017) 6:24
15. Akram Mirzai, **Saeed Mohammadi***, Seyed, H. Ghaffari*, Davood bashash, Mohsen Nikbakht, Marjan Yaghmaie, Kamran Alimoghaddam and Ardeshir Ghavamzadeh, **Osteopontin b and c isoforms: Probably Unique Molecular Candidates Associated with Leukemic Stem Cells Chemoresistance in Acute Myeloid Leukemia**, *Asian Pac J Cancer Prev*, 18 (6), 1707-1715
16. Atousa Haghi, **Saeed Mohammadi**; Masoumeh Heshmati; Mohsen Nikbakht, **Anti-Vascular Endothelial Growth Factor effect of Sorafenib and Arsenic trioxide in AML cell lines**, *Asian Pac J Cancer Prev*. 18 (6), 1655-1661
17. **Saeed Mohammadi**, Mohsen Nikbakht, Seyed Mehdi Sajjadi, Fariba Rad, Bahram Chahardouli, Javid sabour takanlu, Kamran Alimoghaddam, Ardeshir Ghavamzadeh, Seyed H. Ghaffari*. **Reciprocal interactions of Leukemic cells with Bone Marrow Stromal Cells Promote Enrichment of LSCs Compartments**

in Response to Curcumin and Daunorubicin, *Asian Pac J Cancer Prev*, 18 (3), 831-840

18. Mahdi Zahed Panah, **Saeed Mohammadi***, Mohsen Nikbakht, Hajar Nasiri, Seyed, H. Ghaffari, Amir Hosein norooznezhad, Mojgan Shaiegan, Kamran Alimoghadam and Ardeshir Ghavamzadeh, **Osteopontin increases survival in acute myeloid leukemia cells via activation of AKT/mTOR/ β -catenin loop**, *IJHOSCR*, 11(2), April, 1, 2017
19. **Saeed Mohammadi**, Mahdi Zahed panah, Mohsen Nikbakht, Mojgan Shaiegan, seyed Hamidollah Ghaffari, Mahin Nikugoftar, Babak rahmani, Dariush hamedi asl, **Parthenolide reduces gene transcription of prosurvival mediators in AML Cell line U937**, *Experimental Oncology* 39, 1-6, 2017 (March)
20. Nikbakht. M; Jha. A. K ; Malekzadeh.K; Askari. M; **Mohammadi.S**; Marwaha.R. K; Kual. D*; Kaur. J* **Aberrant promoter hyper-methylation of selected apoptotic genes in Childhood ALL among north Indian population**, *Experimental Oncology* 39, 1-8, 2017 (March)
21. **Saeed Mohammadi**, Ashraf Malek Mohammadi, Amir Hossein Norooznezhad, Farhad Heshmati, Kamran Alimoghaddam and Ardeshir Ghavamzadeh, **Extracorporeal Photopheresis in Steroid Refractory Graft Versus Host Disease: A review of Guideline and Recommendations**, *Transfusion and Apheresis Science* <http://dx.doi.org/doi:10.1016/j.transci.2017.01.006>, 56 (2017) 376-384
22. **Saeed Mohammadi**, Ashraf Malek Mohammadi, Mohsen Nikbakht, Hajar Nasiri, Amir Hossein norooznezhad, Kamran Alimoghaddam* and Ardeshir Ghavamzadeh : **Optimizing Stem Cells Mobilization Strategies to Ameliorate Patient Outcomes: a Review of Guide lines and Recommendations**, *IJHOSCR*, 11(1), January 1, 2017.
23. Fatemeh Farhid, Fatemeh Nadali, Bahram Chahardouli, **Saeed Mohammadi**, Shahrbanoo Rostami, Kamran Alimoghaddam, Ardeshir Ghavamzadeh, **Frequency of M287T/AS3MT Single Nucleotide Polymorphism in an Iranian Population**, *IJHOSCR*, 11(1), January, 1, 2017

24. Mahdi Jalili, Ali Salehzadeh-Yazdi, **Saeed mohammadi**, Marjan Yaghmaie, Ardeshir Ghavamzadeh, Kamran Alimoghaddam: **Meta-Analysis of Gene Expression Profiles in Acute Promyelocytic Leukemia Reveals Involved Pathways**, *IJHOSCR*,11(1), January, 1, 2017

- 25.Seyed Mehdi Sajjadi, Hamzeh Rahimi, **Saeed Mohammadi**, Mohammad Faranoush, Hasan Mirzahoseini* and Gholamreza Toogeh* **In silico designing of a new cysteine analog of hirudin variant 3 for site specific PEGylation**, *Research in Pharmaceutical Sciences* , 2017;12(1):60-66

- 26.**Saeed Mohammadi*** , Shirzad Nasiri, Mohammad Hossein Mohammadi , Ashraf Malek Mohammad, Mohsen Nikbakht*, Mahdi Zahed Panah, Hiva Safa, Shayan Mostafaei, Amir Hossein Norooznezhad, Ahmad Reza Soroosh, Kamran Ali Moghaddam , Ardeshir Ghavamzadeh, **Evaluation of Platelet-rich Plasma Gel Potential in Acceleration of Wound Healing Duration in Patients Underwent Pilonidal Sinus Surgery: A Randomized Controlled Parallel Clinical Trial**, *Transfusion Apheresis Sci* (2017), <http://dx.doi.org/10.1016/j.transci.2016.12.032>

- 27.Seyed Mehdi Sajjadi, Abbas Khosravi, Jalil Pakravesh, Zahra-soheila Soheili, Shahram Samiei, **Saeed Mohammadi**, Mohammad Ali Jalali far, **Factor XIIIVal34Leu polymorphism and risk of recurrent pregnancy loss in Iranian population: a case control study**, *Front. Biol.* 2016, 11(6): 471–475, DOI [10.1007/s11515-016-1419-x](https://doi.org/10.1007/s11515-016-1419-x).

- 28.Mohamsmad HoseinMohamadi1, Behnam Molavi, **Saeed Mohammadi*** , Mohsen Nikbakht, Ashraf Malek Mohammadi , Ali Ghorbani Abdegah , Ardeshir Ghavamzadeh : **Evaluation of wound Healing in Diabetic Foot Ulcers using Platelet Rich Plasma Gel; A single arm clinical trial**, *Transfusion and Apheresis Science* <http://dx.doi.org/10.1016/j.transci.2016.10.020>

- 29.Fariba Rad, Ali Akbar Pourfathollah, Fatemeh Yari, **Saeed Mohammadi**, Maryam Kheirandish, **Microvesicles preparation from Mesenchymal Stem Cells**, *MJIRI*, *MJIRI*, 2016;30(16 July) Vol.30:398.

30. Mahdi Zahedpanah , Mojgan Shaiegan, Seyed Hamidollah Ghaffari, Mohsen Nikbakht, Mahin Nikugoftar, **Saeed Mohammadi** ,**Parthenolide induces apoptosis in committed progenitor AML cell line U937 via reduction in**

osteopontin, *Rep.Biochem Mol.vol.4.No2,Ap1 2016*

31. **Saeed Mohammadi**, Mohsen Nikbakht , Mohammad Reza Ostadali, Ashraf Mallek Mohammadi, Mehdi Zahed Panah, Ardeshir Ghavamzadeh: **Human Platelet lysate as a Xeno Free Alternative of Fetal bovine serum for the In Vitro Expansion of Human Mesenchymal Stromal Cells**, *IJHOSCR 10(3) , July, 1, 2016*
32. **Saeed Mohammadi** , Seyed, H. Ghaffari , Mojgan Shaiegan , Mahin Nikogoftar Zarif Mohsen Nikbakht , Kamran Alimoghadam and Ardeshir Ghavamzade . **Curcumin Vetoes the Effects of Osteopontin (OPN) Specific Inhibitor on Leukemic Stem Cell Colony Forming Potential via Promotion of OPN Overexpression**, *IJHOSCR 10(3) , July, 1, 2016*
33. Mohammad Sayyadi, Mojgan Shaiegan, Mahin Nikogoftar Zarif, Mohammad Vaezi, **Saeed Mohammadi** **Platelet Transfusion Outcome and Flow Cytometric Monocyte Phagocytic Assay (FMPA)**, *Arch Iran Med. 2016; 19(6): 426 - 429*
34. **Saeed Mohammadi**, Seyed, H. Ghaffari, Mojgan Shaiegan, Mahin Nikogoftar Zarif Mohsen Nikbakht, Shiva Akbari Birgani, Kamran Alimoghadam and Ardeshir Ghavamzadeh , **Acquired expression of Osteopontin selectively promotes enrichment of leukemia stem cells through the AKT/mTOR/PTEN/ β -catenin pathways in AML Cells**. *Life science: 152 (2016) 190-198.*
35. **S. mohammadi**, M. shaiegan, Sh.sami, K. alimoghadam, Gh.babi, et al : **"HA-1 (Minor Histocompatibility Antigen) disparity and the Acute Graft Versuse Host Disease after hematopoietic stem cell transplantation**. *Iranian journal blood and ancer.volume1.number 1, 2008*

Abstracts

1. **Saeed Mohammadi**, Mobilization and dose determination in stem cell, *The 3TH Annual stem cell transplantation congress and regenerative medicine of west of Iran, 21-22 Feb 2017 Invited speaker, Kermanshah.*
2. Shahrbanoo Rostami, Habibeh Ghadimi, Mitra Saleh, Bahram Chahardouli, Nasrin Alizadeh, **Saeed Mohammadi**, Mohsen Nikbakht, Ardeshir Ghavam Zadeh *Evaluation of*

IDH-1 G105 Polymorphism in Iranian Acute Myeloid Leukemia, [The 19TH Annual congress and the 2th International Congress of Pathology and Laboratory Medicine, 27-29 Dec 2017 , Tehran.](#)

3. Shahrbanoo Rostami, Nasrin Alizadeh, **Saeed Mohammadi**, Mohsen Nikbakht Mohammad Vaezi, Kamran Alimoghaddam, Ardeshir Ghavam Zadeh , WT-1 Over expression in FAB Differentiation Subtype of Acute Myeloid Leukemia and its Relation with Other Laboratory Parameters, [The 19TH Annual congress and the 2th International Congress of Pathology and Laboratory Medicine, 27-29 Dec 2017 , Tehran.](#)
4. **Saeed Mohammadi**, Introducing the first intelligent diagnostic hematologic malignancy software based on flow cytometric data , Therapeutic application of flow cytometry and latest technical aspect, [Invited speaker, , Mashhad 28 December 2017](#)
5. Apheresis in BMT, **Saeed Mohammadi**, Invited Speaker, [APBMT 2017, Tehran, 28-30 October 2017](#)
6. **Saeed Mohammadi**, Amir Hossein Norooznejhad, Ashraf malek Mohammadi, Parivash Aminian, Mahdi Jalili, Mohsen Nikbakht, Hosein Kamranzadeh Foumani, Kamran Alimoghaddam and Ardeshir Ghavamzadeh, An alternative Method for Custom prime: A Case series of Successful Peripheral Blood Stem Cell Harvesting from twenty five Low-Weight Child Donors, [APBMT 2017, Tehran, 28-30 October 2017](#)
7. Atefeh Samaie*, **Saeed Mohammadi***, Ashraf Malek Mohammadi, Sara Samie, Nili Mehrdad1, Pegh Mohaghegh, Ashraf Alyasin, Ardeshir Ghavamzadeh: A study to investigate the effect of an Autologous Platelet-Released Growth Factor (APRFG) Injection on the improvement of on sexual dysfunction after pelvic irradiation. [APBMT 2017, Tehran, 28-30 October 2017](#)
8. The effect of autologous platelet Gel on wound Healing, **Saeed Mohammadi**, Mohsen Nikbakht, Amir Hossein Norooznejhad, Ardeshir Ghavamzadeh, Second International congress of wound healing, 4-6 October, Tehran, Iran
9. Jalili M, Salehzadeh-Yazdi1 A, **Mohammadi S**, Yaghmaie M, Ghavamzadeh A, Alimoghaddam K, FUNCTIONAL GENOMICS BASED APPROACHES FOR

DISCOVERY OF NEW MECHANISMS IN ACUTE PROMYELOCYTIC LEUKEMIA, 7th INTERNATIONAL SYMPOSIUM ON ACUTE PROMYELOCYTIC LEUKEMIA ROME, September 24-27, 2017

10. Attending the XXXVI Biennial congress and 63rd Annual Scientific and Scientific and Standardization Committee (SSC) Meeting of the International Society on Thrombosis and Hemostasis (ISTH), Berlin, Germany. July 8-13, 2017
11. **Saeed Mohammadi**: Evaluation Gel Application in none Healing Chronic wound, 1stIranian Seminar on Platelet and Regenerative Medicine, Invited speaker, helped by vice presidency Council, Kerman, Iran, 8-9 February, 2017
12. **Saeed Mohammadi***¹, Ashraf Malek mohammadi¹, Mohsen Nikbakht*¹, Mohammad Hossein Mohammadi³, Shirzad Nassiri ², Hiva safar ⁴, Kamran Ali moghadam¹, Ardeshir Ghavamzadeh¹: Comparative study on potential of regular PRP-Gel dressing in acceleration of wound healing and quality of life in patients who underwent pilonidal sinus surgery: A Randomized, Controlled, Parallel Clinical Trial 34th International Congress of the ISBT, Dubai 3-8 September 2016 and the first international festival& international congress on stem cell and regenerative medicine, 19-21 May 2016, Tehran, Iran
13. **Saeed Mohammadi**, Behnam Molavi, Mohsen Nikbakht : Evaluation of Healing Potential of Platelet Rich Plasma Gel in Diabetic Foot Ulcers, 3th International congress of hematopoietic stem Cell Transplantation, invited speaker, 14-16 January, 2016, Tehran- Iran
14. Majid Ansari, **Saeed Mohammadi**, Mohsen Nikbakht, Ardeshir Ghavam Zadeh , Effects of platelet- Rich plasma injections in elite athletes with patellofemoral pain syndrome in isokinetic knee profile : a case series, EBMT 16-PH-2473, 3-6 April 2016, Spain, Valencia

15. Mohsen Nikbakht, **Saeed Mohammadi**, Zahra nori and et al: Cord Blood Banking for Transplantation and Regenerative medicine. poster presentation (3th International congress of hematopietic stem cell transplantation, p:74, January 24-26, 2015, Tehran ,Iran
16. **Saeed Mohammadi**, Mohsen Nikbakht, Mohammad Reza Ostad Ali and et al: The role of PDGF as a main Platelet alpha granules growth factors for the expansion of human mesenchymal stem cells. poster presentation (3th International congress of hematopietic stem cell transplantation, p:75, January 24-26, 2015, Tehran ,Iran
17. **Saeed Mohammadi**, Mojgan Shaiegan, Mohsen Nikbakht and et al: The role of Minor Histocompatibility antigen mismatching in Acute Graft Versus Host Disease after Hematopoietic Stem Cell Transplantation. poster presentation (3th International congress of hematopietic stem cell transplantation, January 24-26, 2015, p:76, Tehran ,Iran
18. Mohsen Nikbakht, **Saeed Mohammadi**, Ardeshir Ghavam Zadeh: The role of platelet concentration during PBSCs cryopreservation in cell aggregation. Accepted for poster presentation (3th International congress of hematopietic stem cell transplantation, p:77, January 24-26, 2015, Tehran ,Iran
19. **Saeed Mohammadi**, Mohsen Nikbakht , Ashraf malek Mohammadi, Kamran ali moghadam, Ardeshir Ghavam zadeh, The effects of platelet growth factor on Cord Blood drived mesenchymal expansion third International of Blood Transfusion, December 11, 2015 , Tehran , Iran
20. **Saeed Mohammadi**, Mehdi Jalili, Introducing the first intelligent diagnostic

hematologic malignancy software based on flowcytometry data, [6th International congress of Laboratory & Clinic, invited speaker, February, 12-14, 2014](#)

21. **Saeed Mohammadi**, Ashraf Malak Mohammadi, Mohsen Nikbakht , Extracoporal Photopheresis in Steroid Refractory Acute or Choronic GVHD disease: Result of a Review of prospective Studies , [Tehran, Iran, April 2014 , IJHST journal](#)
22. **Saeed Mohammadi**, Farhad Latifnia, Farzad Latifnia , Designing Flowcytometry software for interpretation of immunophenotyping data, [Novel innovative Laboratory Techniques congress , Tehran, Iran, Oct 2-4, 2013](#)
23. **Saeed Mohammadi**, Special Blood Component after Hematopoitic Stem Cell Transplantation ,[3th international HSCT, invited speaker, Tehran, Iran, December 2013](#)
24. Mohsen Nikbakht, **Saeed Mohammadi**, Ardeshir Ghavam zadeh. Correlation between the platelet content in peripheral blood stem cells with formation of clot and cell aggregation during cryopreservation, [APBMT India, 2013, Abstract no 42](#)
25. **S. Mohammadi**, M.shaiegan, sh.sami, K.alimoghaddam, gh.babai, et al:""HA-1 (Minor Histocompatibility antigen and GVHD, [21th ISBT congress. Berlin, 2010](#)
26. M. Shaiegan, T. Madani, Sh. Samiei, **S.Mohammadi**, K. Ali Moghadam ,et al: Humman Platelet antigen 2/3/5 frequencies in some Iranians by PCR-SSP.PCR-RFLP. [Congress of Canada society for transfusion conference. May 13-16 , 2010, Vancouver](#)

BOOK

1. English to Persian translation of "**Henry clinical diagnosis and management by laboratory methods. Twenty first edition 2007.** farhang Pub
2. Designing the first intelligent sub web diagnostic software based on flowcytometric data for hematologic malignancies, www.hematodiagnosis.com
3. Immunophenotyping in leukemia and lymphoma (in press)
4. Comprehensive hemophilia book(in press)

RESEARCH PROJECT (FINISHED & ONGOING)

1. Evaluation of parthenolide effects on proliferation of acute T cell leukemia cell line by evaluation of the expression of CD30 and osteopontin markers. **2017(ongoing)**
2. Establishment Msenchymal stem cell bank, **2017(ongoing)**
3. Evaluation of intera joint injection of Placenta Derived Mesenchymal Stem Cell and autologous PRGF on healing of joint cartilage and pain in hemophilic and WF disease . **2017 (ongoing)**
4. Study of the injection (PRP) Autologous platelet- rich Plasma on sexual function in patients with vaginal complications after pelvic irradiation. **2017 (ongoing)**
5. Investigating the Effects of Stem Cell Injection on Treatment of Patients with Lower Extremities Lymphedema Referred to Shariati Hospital Between 2017-2018 . **2017 (ongoing)**
6. Compare with Autologous platelet-rich plasma (PRP) and HRT promotes endometrial growth and improves pregnancy outcome during in ART. **2017 (ongoing)**
7. Efficacy of intrauterine infusion of platelet rich plasma on pregnancy outcome in repeated implantation failure, **2016 (ongoing)**

8. Evaluation of AP SCT outcome in low weight child donor with alternative method of custom prime, **2017 (ongoing)**
9. Examining the Effect of Encapsulated Human Caspase-9 in Hydrogel Structures on the Induction of Differentiation and Apoptosis in U937 Cell Lines, **2017 (ongoing)**
10. The relationship between anxiety of allogeneic stem cell transplantation donor (with apheresis method) on CD34 and CD3 collected cells, **2017 (ongoing)**
11. Working on project focus on Evaluation of 7+3 regimens effect on osteopontin (OPN) isoform gene expression in both daunorubicin sensitive and insensitive AML cell lines in comparison with primary CD34+ AML cells , **2014-2017 (finished)**
12. Diagnosis of AML and ALL subgroups on bone marrow and peripheral smear based on image processing **(2015-2017)(finished)**
13. Project director of evaluation of curcumin and thalidomide on VEGF pathways in AML cell lines **2015-2016 (finished)**
14. Project director of separation and expansion of NK cells from peripheral Blood Stem Cells with ATG treatment , **2015-2017 (finished)**
15. Project director of Evaluation AML Resistance in niche based stromal model, **2015-2017 (finished)**
16. Combination effect of ATO and ATRA with autophagy inhibitors in resistance and sensitive cell lines **2015 (ongoing)**
17. Project director of Comparative study on effect of PRP injection and regular dressing on healing of sinus resection , **2013-2015, (finished)**
18. Project director of Evaluation of curcumin effect on osteopontin (OPN) gene expression in both daunorubicin sensitive and insensitive AML cell lines in comparison with primary CD34+ AML cells ,**2013-2015 (finished)**
19. Project director of Comparison of ultrasound-guided injection of activated vs. non-activated autologous platelet-rich plasma in treatment of female patients with knee osteoarthritis: a double-blind randomized clinical trial , **2013-2015 (**

finished)

20. Project director of Comparative study on effect of PRP-gel application and regular dressing on healing of diabetic wound, **2013-2015 (finished)**
21. Project director of PDGF effects on Cord Blood MSCs expansion, **2012 (finished)**
22. Working at project focused on expansion of adipocyte mesenchymal Stem cell for clinical application, **2012 (finished)**
23. Working at project focused on Effect of polymorphism of NOD/CARD15 gene in allogeneic bone marrow transplanted recipient, **2010 (finished).**

LANGUAGE PROFICIENCY

I have IELTS certificate

EXPERIMENTAL EXPERIENCE

1. Nucleic acid extraction,
2. PCR and RT-PCR. Multiplex PCR
3. Real Time PCR
4. Western Blot
5. Cell Culture
6. Flowcytometry
7. Clony assay
8. Cord Blood & Stem Cell processing
9. Apheresis
10. Expert in laboratory diagnosis of hematology disorder :
 - ✓ Thalasemia
 - ✓ Coagulopathy

- ✓ Immunohematology
- ✓ Molecular hematology