

Curriculum Vitae

Academic Experience

Research Interests

- 1- Molecular Hematology
- 2- Hematopoetic stem cell culture
- 3- Molecular techniques at Diagnosis of Hematological abnormalitis & their application's in Medical Laboratory

Education

- 1 BSc/BA : Clinical Laboratory, Isfahan University, Iran, 1986
- 2 MS : Hematology and Blood Banking, Tarbiat Modares University , Iran, 1992
- 3 PhD : Hematology and Blood Banking , Tarbiat Modares University , Iran, 2006

Teaching Experience


- 1- Hematology, M.Sc
- 2- Immuonohematology, M.Sc
- 3- Practical Blood Banking, M.Sc
- 4- Laboratory Medicine, M.Sc
- 5- Hematology and cytomorphology for Parasitology, Ph.D
- 6- Practical Hematology, M.Sc
- 7- Cellular & Mullecular Biology, M.Sc
- 8- Mullecular Biology, Ph.D

Books

- 1- Kaviani S., Alizadeh S., Azad M., *Hematology & Blood banking*, Mir, Iran
- 2- Kaviani S., Alizadeh S., Azad M. , *Essential Hematology*, Khosravi, Iran
- 3- Maleki A., Kaviani S., Mansoury K. , *Quality Control in Hematology Lab.*, Iran

National Journals

- 1- Kaviani S., Rakhshan M 1995, 'Cytomegalovirus Infection in Exchanged transfusion Newborns', *Gashtag* , Vol. 3, pp.
- 2- Shahabi M., Kaviani S., Alameh A 1998, ' Aluminum Overload and Microcytic Anemia in a Group of Hemodialysis Patients', *Modarres Journal of Medical Sciences*, pp.
- 3- Kaviani S., Farhadi M. , Naghizadeh M.A.: 1998, 'A Comparative Study of Immunantibodies in Thalasemic and Hemodialysed Patients and Multiparous Women ' , *Modarres Journal of Medical Sciences*, pp.
- 4- Soleimani M. , Pourfathollah A.A., Moasani S.M., Kaviani S. 1999, 'Comparing dye exclusion and tetrazolium assay in evaluating ytotoxic drugs effect on neoplastic cells ' , *Hakim Research Journal* , Vol. 1, No. 3, pp. 181-188
- 5- Sharifi M. R., Lotfi A.S., Kaviani S. , Djahani M. 2000, 'Dehydrogenase Isoenzymes Ratio is a Valuable Tool for Stage Diagnosis and Monitoring Therapy of Chronic Leukemia ' , *Modarres Journal of Medical Sciences*, Vol. 2, No. 2, pp.
- 6- Zamanipour Sh., Mortazavi Y., Kaviani S. 2002, 'Occupational exposure to Benzene and its hematological consequences', *Journal of Zanjan University of Medical Sciences and Health Services*, Vol. 10, No. 39, pp.
- 7- Nikpour M., Mortazavi Y., Soleimani M., Kaviani S 2005, 'Comparison of In Vitro Effects of Cyclosporine A (CYA) And FK506 on Cord Blood Hematopoietic Cells', *Yakhteh(The Cell) Medical Journal*, Vol. 7, No. 25, pp.
- 8- Soleimani M. , Kaviani S., Baharvand H., Atashi A., 2004, 'Differentiation of Cord Blood Mesenchymal Stem Cells to Osteoblastic Cells', *Journal of Iranian Anatomical Sciences*, Vol. 2, No. 3, pp.
- 9- Arjmand A.R., Alimoghadam K, Kaviani S., Ghavamzadeh A, Djahani M, Moezzi L. 2005, 'Arsenic trioxide induce apoptosis indepent of TNFR-I and CD30 pathways in Acute Promyelocytic Leukemia patient with t(15;17) translocation ' , *IJHOBMT* , Vol. 2, No. 4, pp. 27-31
- 10- Zandieh T., Kaviani S., Rakhshan M., 'The évaluation of ytomegalovirus in infant s following exchange transfusion in Children Medical Hospital', *Blood /Khoon*, Vol. 2, No. 4, pp.
- 11- Kaviani S., Mortazavi Y., Pourfathollah AA., Moghaddam K.A., Zonoubi Z., Soleimani S., 2005, 'Glucose -6- phosphate Dehydrogenase (G6PD) , IDS and P55 RNA Polymorphism Frequencies in Tehrani Normal subjects and AML Femal Patients', *Daneshvar*, Vol. 12, No. 59, pp.
- 12- Miri -Moghadam E., Pourfathollah A.A., Motabar M., Kaviani S , Relationship of Glucose-6- phosphate Dehydrogenase Deficiency to Malaria', *Pejouhandeh*, Vol. 4, No. 1, pp. 39-44
- 13- Kazemnejad S., Alameh A., Soleimani M., Gharebaghian A., Mohamady Y., Amirzadeh N., Kaviani S., Jazayeri M. , 'Development of a novel three-dimensional biocompatible nanofibrous scaffold for the expansion and hepatogenic differentiation of human bone marrow mesechymal stem cells', *Iranian Journal of Biothecnology*, Vol. 5, No. 4, pp. 201-211
- 14- Jazayeri M, Alameh A., Soleimani M., Jazayeri H., Kaviani S., .Kazemnejad S. , 'Capillary network formation by differentiation of endothelial cells from human bone marrow mesenchymal stem cells', *Iranian Journal of Biothecnology*, Vol. 6, No. 1, pp. 29-35
- 15- Azad M., Kaviani S., Soleimani M., Norouzinia M., Hajfathali A., 'Common thiopurine S-methyltransferase (TPMT) polymorphisms` analysis in an Iranian population', *Yakhteh*, pp. Accepted
- 16- Dr. B. Poopak , H. Mirmongereh, Dr. A.A. Pourfathollah, Dr. R.A. Sharifian, Dr. H. Rezvani, Dr. F. Elahi, Dr. M. Keyhani, Dr. M. Ghedyani, Dr. S. Kaviani, K. Farahani, A. Yousefian, M.A. Jahangir pour, M.A. Shamsian , 'XML Evaluation of JAK2 V617F mutation in Iranian patients with non-CML myeloproliferative neoplasms', *Blood /Khoon*, Vol. 5, No. 4, pp. 237-245
- 17- Mohammad Reza Rezvany, Azam Kazemi , Abbas Hajifathali, Saeed Kaviani, and Håkan Mellstedt , 'Analysis of HLA-G Gene Expression in B-Lymphocytes from Chronic Lymphocytic Leukemia Patients', *Iranian Biomedical Journal*, Vol. 11, No. 2, pp. 125-129
- 18- Ghorbani M., Soleimani M., Kaviani S., Atashi A. , 'Differentiation of murine embryonic stem cells into megakaryocytic lineage cultured in feeder layer-free media', *Blood /Khoon*, Vol. 5, No. 2, pp. 89-98
- 19- Choobineh H, Dehghani SJ, Einollahi N, Kaviani S., Reis akrami S. R., Vahedi S. , 'Comparison of serum leptin in major beta-talasemia patients and normal subjects', *IRANIAN JOURNAL OF PEDIATRICS* , Vol. 17, No. 1, pp. 73-78

- 20- Nejaddehbashi Fereshteh, Soleimani Masoud , Kaviani Saeed, Atashi Amir, Heidari Saeed , 'Differentiation of somatic unrestricted cord blood stem cells into chondrocyte cells', *Journal of Iranian Anatomical Sciences*, Vol. 6, No. 23, pp. 353-362
- 21- Delalat B., Pourfathollah A.A., Movassaghpour A.A., Soleimani M., Mozdarani H., Kaviani S., Rasi Ghaemi S. , 'Evaluation of cotransplantation of human mesenchymal stem cells and umbilical cord blood CD34+ cells with CFU-S assay', *Blood / Khoon*, Vol. 3, No. 4, pp. 343-353
- 22- Amir Atashi, Masoud Soleimani, Saeid Kaviani*, Abbas Hajifathali, Ehsan Arefian , 'In vitro induction of fetal hemoglobin in erythroid cells derived from CD133+ cells by transforming growth factor-B and stem cell factor', *IRANIAN JOURNAL of BIOTECHNOLOGY*, Vol. 6, No. 3, pp. 157-163

International Journals

- 1- 'Evaluation of Apoptosis Induced by Arsenic Trioxide Through TNFR- I and CD30 Pathways in Acute Promyelocytic Leukemia Patient with t(15;17) Translocation', *International Journal of Cancer Research Academic Journals Inc, USA*, Vol. 2, No. 2, pp. 124-130
- 2- Pouranvari S., Noruzinia M., Ghafari S.R., Zeinaloo A.A., Kaviani S. , 'Atypical 22q11 microdeletions in Iranian patients with congenital conotruncal cardiac defects', *Saudi Medical Journal*, Vol. 29, No. 10, pp. 447-449
- 3- Shabani F., Ghamami S., Mehrani K., Taimouri M.B., Soleimani M., Kaviani S. , 'Antitumor Activity of 6-(cyclohexylamino)-1, 3-dimethyl-5(2-pyridyl)furo[2, 3-d]pyrimine-2, 4(1H, 3H)-dione and Its Ti(IV), Zn(II), Fe(III), and Pd(II) Complexes on K562 and Jurkat Cell Lines', *Bioinorganic Chemistry and Applications*, Vol. 2008, No. 7, pp. 1-5
- 4- Delalat B., Pourfathollah A.A., Soleimani M., Mozdarani H., Rasi Ghaemi S, Movassaghpour A.A., Kaviani S., . , 'Isolation and ex vivo expansion of human umbilical cord blood-derived CD34+ stem cells and their cotransplantation with or without mesenchymal stem cells ', *Hematology*, Vol. 14, No. 3, pp. 125-132

Refereed National Conference Proceedings

- 1- Kaviani S., Mortazavi Y., Pourfathollah AA., Moghaddam K.A., Zonoubi Z., Soleimani S., 2004, 'G6PD, IDS and P55 RNA Polymorphism Frequencies in Iranian Normal and AML Femal Patients', 4th. National Iranian Congress of Hematology & Oncology and Nursing Meeting , Mashhad , IRAN, pp.
- 2- Soleimani M., Mozdarani H., Pourfathollah A A., Mortazavi Y., Moghaddam K.A., Kaviani S., Zonoubi Z., 2004, 'Hemoglobin Switching in Cord Blood Stem Cells Cocultured with Fetal Liver Cells And Bone Marrow Stromal Cells ', 4th. National Iranian Congress of Hematology & Oncology and Nursing Meeting , Mashhad , IRAN, pp.
- 3- Soleimani M., Mozdarani H., Pourfathollah A A., Mortazavi Y., Moghaddam K.A., Kaviani S., Zonoubi Z., 'Hemoglobin Switching in Cord Blood Stem Cells Cocultured with Fetal Liver Cells And Bone Marrow Stromal Cells', 4th. National Iranian Congress of Hematology & Oncology and Nursing Meeting, Iran Mashhad , pp.
- 4- Amir Atashi, Masoud Soleimani, Saeed Kaviani, Hossein Baharvand , 'Differentiation of mesenchymal stem cell from cord blood into osteoblastic cells', Yazd International Student Award in Reproductive Medicine , Iran Yazd , pp.
- 5- B. Dellalat, AA. Pourfathollah, H.Mozdarani, M. Soleimani, AA. Movassaghpour, S. Kaviani , 'Xenotransplantation Stem cell with Different doses of Human Umbilical Cord Blood-Derived CD34+ Stem cells in Balb/ c Mice ', The Seventh Royan International Congress Reproductive Biomedicine & Stem cell, Iran Tehran , pp.
- 6- Dellalat, AA. Pourfathollah, H.Mozdarani, M. Soleimani, AA. Movassaghpour, S. Kaviani , 'Xenotransplantation Stem cell with Different doses of Human Umbilical Cord Blood-Derived CD34+ Stem cells in Balb/ c Mice', The Seventh Royan International Congress Reproductive Biomedicine & Stem cell, Tehran, Iran , pp.
- 7- Heidari S., Soleimani M., Kaviani S., Bahmani M. K., Rezaee M., 'Expression Of Embryonic Stem Cell Specific Genes In Co-cultures Of Embryonic Stem Cell With Cord Blood Stem Cell ', The 9th. Iranian Congress of Biochemistry, Iran , pp.
- 8- Rajabi A., Arab A., Kaviani S., Zeinali S., Karimipour M. , 'Molecular Analysis Of 40 :Thalassemia Intermedia Patterns In Tehran', The 9th. Iranian Congress of Biochemistry, Iran , pp.
- 9- Jazayeri M., Alameh A., Soleimani M., Piryaee A., Kaviani S. , 'The Study Of Gene Expression And Ultrastructural Characteristics In The Differentiated Endothelial Cells From Human Bone Marrow Mesenchymal Stem Cells', The 9th. Iranian Congress of Biochemistry, Iran , pp.
- 10- Noruzinia M., Pouranvari , Kaviani S., Hooshmand M. , 'Genetic Bases Of Congenital Heart Disease', The 1th. international congress on Health Genomics and Biotechnology, Iran , pp.

- 11- Kaviani S., Azad M., Soleimani M., Noruzinia M. , 'Common thiopurine S-methyltransferase polymorphisms In an Iranian population', The 11th. international congress on Health Genomics and Biotechnology, Iran , pp.

Refereed International Conference Proceedings

- 1- Salehnia M, Movasegh poor A.A , Pourfathollah A.A , Solymani M, Kaviani S 2001, 'Production and Isolating of mouse Embryonic Stem cells', 8th Annual meeting of the middle East fertility Society , Bahrain, pp.
- 2- Kaviani S, pourfathollah A.A., Mirimoghdam A, Moetabar M , 'The study of relationship between Glucose -6-phosphate Dehydrogenase (G6PD) Deficiency and patients infected with P . Falciparum in Baluchestan (IRAN)', 5th. Annual Congress of the European Hematology Association, England , pp.
- 3- Kaviani S, pourfathollah A.A., Mirimoghdam A, Moetabar M , 'The study of relationship between Glucose -6-phosphate Dehydrogenase (G6PD) Deficiency and patients infected with P . Falciparum in Baluchestan (IRAN)', 5th. Annual Congress of the European Hematology Association, England , pp.
- 4- Soleimani M, Pourfathollah AA., Moasseni S.M, Kaviani S , 'The combined effect of IFN- Gamma and chemotherapeutic drugs on k562 cell line', 5th. Annual Congress of the European Hematology Association, England , pp.
- 5- Kaviani S, Lotfi A.S., Sharifi M.R. , 'The Clinical Value of Serum Lactate Dehydrogenase and Its Isoenzymes in Chronic Leukemia Patients', 6th. Annual Congress of the European Hematology Association, Germany , pp.
- 6- Soleimani M. , Shahjahani M. , Pourfathollah A.A , Rabiei M. , kaviani S. , 'Evaluation of the effect of interleukin 2 and 5 on murine long term bone marrow culture', 6th. Annual Congress of the European Hematology Association, Germany , pp.
- 7- Soleimani M. , Shahjahani M. , Pourfathollah A.A , Rabiei M. , kaviani S. , 'Evaluation of the effect of interleukin 2 and 5 on murine long term bone marrow culture', 6th. Annual Congress of the European Hematology Association, Germany , pp.
- 8- Salehnia M, Movasegh poor A.A , Pourfathollah A.A , Solymani M, Kaviani S, 'Production and Isolating of mouse Embryonic Stem cells', 8th Annual meeting of the middle East fertility Society, Bahrain , pp.
- 9- Kaviani S., Nikougoftar M., Pourfathollah A.A, Farhadi M. , 'P-Glycoprotein Quantitation in Acute Leukemia and Correlation with Immunophenotyping and DNA Analysis', 7th Annual Congress of the European Hematology Association, Italy Florence , pp.
- 10- Salehnia M., Movasegh poor A.A , Pourfathollah A.A , Solymani M., Kaviani S., 'CFU-GM Colonies Were Derived from Embryonic Stem Cells Cultured on The Bone Marrow Stromal Cells', 7th Annual Congress of the European Hematology Association, pp.
- 11- Mortazavi Y., Zamanipour Sh., Kaviani S. , 'Occupational Exposure to Benzene and Its Hematological Consequences', 8th Annual Congress of the European Hematology Association, France Lyon , pp.
- 12- Kaviani S., Mortazavi Y., Pourfathollah AA., Moghaddam K.A., Zonoubi Z., Soleimani S., 'Glucose -6- phosphate Dehydrogenase (G6PD) , IDS And P55 RNA Polymorphism Frequencies in Iranian Population: Relevance to X-chromosome Inactivation (XCI) Studies ', 9th Annual Congress of the European Hematology Association, Switzerland Geneva , pp.
- 13- Nikpour M., Mortazavi Y., Soleimani M., Kaviani S. , 'Comparison of In Vitro Effects of Cyclosporine A (CYA) And FK506 on Cord Blood Hematopoietic Cells', 9th Annual Congress of the European Hematology Association, Switzerland Geneva , pp.
- 14- Masoud Soleimani, Abbas Piryaee, Saeed Kaviani, Bahram Sadeghi, Kamran Alimoghaddam , 'Ultrastructure evaluation of invitro Differentiation of Cardiomyocytes from human bone marrow ', XXXth World Congress of the International Society of Hematology, Turkey Istanbul , pp.
- 15- Amir Atashi, Abbas Hajfathali, Saeed Kaviani, Masoud Soleimani , 'Reactivation Fetal Hemoglobin in Peripheral Blood CD133+ Cells', XXXth World Congress of the International Society of Hematology, Turkey Istanbul , pp.
- 16- Y.Mortazavi, S. Kaviani, K.A. Moghaddam, Pourfathollah A.A. , 'Analysis of X-Chromosome Inactivation Patterns in Iranian Patients with AML During Remission', 11th Congress of the European Hematology Association , The Netherlands Amsterdam , pp.
- 17- Atashi, A. Hajfathali, S.Kaviani, M.Soleimani , 'Activation of Fetal Hemoglobin in Bone Marrow Driven CD133+ Cells Hematopoiesis In vitro', 11th Congress of the European Hematology Association, The Netherlands Amsterdam , pp.
- 18- B. Dellalat, AA. Pourfathollah, H.Mozdarani, M. Soleimani, AA. Movassghpour, S.Kaviani, A.Atashi, S.Rasi Ghaemi , 'Enhanced Engraftment of Human Umbilical Cord Blood-Driven CD34+ Stem cells in Balb/ c Mice by Cotransplantation of Mesenchymal Stem Cells', 11th Congress of the European Hematology Association, The Netherlands Amsterdam , pp.

- 19- AA. Movassghpour, H.Mozdarani, Pourfathollah, 'Evalouation of Mesenchymal Stem Cell Effect on Homing of Umbilical Cord Blood-Driven CD34+ Stem cells in Balb/ c Mice ', 11th Congress of the European Hematology Association, The Netherland Amsterdam , pp.

- 20- B. Dellalat, AA. Pourfathollah, H.Mozdarani, M. Soleimani, AA. Movassghpour, S.Kaviani , 'Isolation and Exvivo Expansion of Human Umbilical Cord Blood-Driven CD34+ Stem cells and Their Cotransplantation with or without Mesenchymal Stem Cells', XXIXth International congress of the Int.Society of Blood Transfusion, Cape Town, South Africa , pp.

- 21- M. Soleimani, A. Piryaeei, S. Kaviani, Shahjahani M., Atashi A., Hosseini A., Heidari H , 'Ultrastructural Study of Differentiation Process of bone Marrow Mesenchymal Stem cells into Cardiomyocytes Invitro', 4th ISSCR Annual Meeting, Canada , pp.

- 22- Kazemnejad S., Alameh A., Gharebaghian A., Soleiman M., Amirizadeh n., Mlhamad Y., Kaviani S. , 'Differentiation of Human Bone Marrow Derived Mesenchymal Stem cells to Hepatocyte on A Novel Biodegradable Nanofibrous Scaffold', 36th Annual Meeting of International Society of Experimental Hematology, Hamborg, Germany , pp.

- 23- Jazayeri M., Alameh A., Soleiman M., Jazayeri H., Kaviani S , 'Detection of the specific markers and organelles in the differentiated endothelial cells from humanbone marrow mesenchymal stem cells in vitro', 36th Annual Meeting of International Society of Experimental Hematology, Hamborg, Germany , pp.

Memberships in Societies

- 1- Member of European Hematology Association, -

- 2- Member of Iranian Scientific Blood Bank & Immunohematology, -

Editorial Board of Journals

- 1- Blood, Iran

- 2- Soudi Medical Journal, Soudi Arabia

- 3- The Modares Medical Scienses Journal, Iran

M.Sc. Thesis Supervised

- 1- Majid Shahabi, Adviser

- 2- Mokhtar Alinaghizadeh, Adviser

- 3- Masoud Soliemani, Adviser

- 4- Ebrahime Mirimoghaddam , Adviser

- 5- Hamid Sammak, Adviser

- 6- Mohammad Reza Sharifi , Adviser

- 7- Mahin Nikougoftar Zarif, Adviser

- 8- Shahzad Zamanipour, Adviser

- 9- Ali akbar Movasaghpour, Adviser

- 10- Maryam Nikpour, Adviser

- 11- Ali reza Arjmand, Adviser

- 12- Kazemi Azsm, 'Analysis of HLA-G gene expression in B-lymphocytes from chronic lymphocytic leukemia patients.', Adviser

- 13- Mahin Behzadifard , 'Comparison of In Vitro Effects of Cyclosporine A (CYA) And FK506 on Cord Blood Hematopoietic Cells', Adviser

- 14- Atashi, A, 'Activation of Fetal Hemoglobin in Bone Marrow Driven CD133+ Cells Hematopoiesis Invitro', Adviser

- 15- Mahdy Azad, 'Common thiopurine S-methyltransferase polymorphisms', Guidance

Professional Experiences

- 1- Instructor Tarbiat Modares University, Tehran, Iran, 01/01/1992 - 01/01/2004, (Since 1992-2004).
 - 2- Assistant professor Tarbiat Modares University, Tehran, Iran, 06/02/2006 - , (Since 2005)
 - 3- Head of Department, 14/03/2006 -
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Seminars

- 1- 5th. Annual Congress of the European Hematology Association, England , Birmingham, 06/08/0180
 - 2- 6th. Annual Congress of the European Hematology Association, Germany , Frankfurt, 04/09/0172
 - 3- 8th Annual meeting of the Middle East Fertility Society, Bahrain, Manama , 10/09/0174
 - 4- 7th Annual Congress of the European Hematology Association, Italy, Florence, 04/10/0172
 - 5- 8th Annual Congress of the European Hematology Association, France, Lyon, 04/11/0172
 - 6- 9th Annual Congress of the European Hematology Association, Switzerland, Geneva, 10/12/0172
 - 7- 4th. National Iranian Congress of Hematology & Oncology and Nursing Meeting, Iran, Mashhad, 24/12/0172
 - 8- Yazd International Student Award in Reproductive Medicine , Iran, Yazd
 - 9- XXXth World Congress of the International Society of Hematology, Turkey, Istanbul
 - 10- The Seventh Royan International Congress Reproductive Biomedicine & Stem cell, Iran, Tehran
 - 11- 11th Congress of the European Hematology Association , The Netherlands, Amsterdam
 - 12- XXIXth International Congress of the Int. Society of Blood Transfusion, Cape Town, South Africa
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Others

- 1- Names and Addresses of several Referees:; 1- professor A.A. Pourfathollah Dept. of Hematology, Tarbiat Modares University.
 - 2- professor Yaaghub Fathollahi Dept. of Physiology, Tarbiat Modares University.
 - 3- professor Hosein Mozdarani Dept. of Medical Genetics, Tarbiat Modares University
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