

**PERSONAL INFORMATION:**

Name: Masoud Soleimani  
Date of Birth: 31.8.1970  
Place of Birth: Isfahan-Iran  
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**EDUCATION:**

<u>Degree</u>	<u>Institution</u>	<u>Field</u>	<u>Date</u>	<u>Place</u>
B.Sc.	Tehran University	Biology	1996	Tehran, Iran
M.Sc.	Tarbiat Modarres University	Hematology	1999	Tehran, Iran
Ph.D.	Tarbiat Modarres University	Hematology	2004	Tehran, Iran

**Teaching experience:**

Molecular Biology to M.Sc student,  
Essential cell culture & Hematopoietic cell culture to M.Sc and Ph.D student,  
Hematology and modern Hematology for M.Sc and Ph.D student.  
Practical hematology to M.Sc student

**Professional membership**

Member of International Society of Stem cell Research  
Member of European Hematology Association  
Member of Iranian stem cell network

Secretary of Medical Nanotechnology in ministry of Health, since 2006

Secretary of Molecular Medicine network in T.M.U Branch 2002-2005

HONORS, AWARDS and RECOGNITION:

Outstanding Student Award of Iran (National). 2002

Outstanding Student Award of Iranian scholarship Ph.D students (National ) , 2001

Student Year Book award (translation of transfusion medicine and blood banking), 2000

Young investigator award from International society of hematology (ISH) 2002 , Seoul-Korea

Courses/Workshops , attended/organized

First workshop of Bone marrow cell culture and differentiation of hematopoietic stem cell(organized),Jan 28-29 ,2001,Tehran- Iran

First workshop of Isolation and culture of mouse embryonic stem cells(organized),Jan 30-31 ,2001,Tehran- Iran

Application of Nanotechnology in drug delivery(Training course lectures) , September 11-12 ,2005 , Tehran-Iran

Thesis submitted under my supervision

Reza Moghadas ali . Tehran university

Zahra Nasiri - Tehran university

Mahmoudnia-Tehran university

Dehbashi-khatam university

Heidari-emam hossein university

Thesis SUPERVISER:

Mahin Nikougoftar,Ph.D student(hematology).TMU

Amir Atashi , PhD student (hematology) TMU

Behnaz Bakhshande , Ph.D student ( medical biotechnology)- Tehran University

Ehsan seyed Jafari ,Ph.D student- Biotechnology - Tehran University

Mahboobeh Kabiri, Ph.D student- Biotechnology - Tehran University

Sepehr Pedram, Ph.d student - tehran university

Yousef gheisari , Ph.D student ( medical biotechnology)- Pasture Institute of Iran

More than 10 MSc. students

BOOK ( In Persian )

1 - Pourfathollah A.A., Soleimani M., Yavari F, Samak H: Textbook of blood banking and Transfusion Medicine. Shahed University Pub, Tehran. 2 vol. 2000.

2-Ranjbar R., Rokni M., Salehi A., Soleimani M., Shargh Sh., Javanbakht M: Text book of experimental sciences. Andishe rafie Pub, Tehran. 2005

3- Soleimani M., Moezzi L., shahjahani M: Series of educational workshop on Medical sciences Book. Tarbiat modarres uni publication, Tehran. 2002

4- Nader Vazife and Masoud Soleimani .Essential of stem cell transplantation, Andishe zohoor pub.2007

5-Akbar Gazme . Yosef Mohamadi , Masoud Soleimani. Technology of carbon Nanotube. 2007

6- Nader Vazife and Masoud Soleimani. Leukemia Diagnostic.

Andishe zohoor pub 2007

7- Soleimani Masoud and Najmedin Saki. Hematopoietic stem cells:Red Blood Cell Development. Khoustravi Pub 2008

PUBLICATIONS:

104- Shakhssalim N, Dehghan MM, Moghadasali R, Soltani MH, Shabani I, **Soleimani M**. Bladder tissue engineering using biocompatible nanofibrous electrospun constructs: feasibility and safety investigation. Urol J. 2012 Winter;9(1):410-9.

103- Golestaneh AF, Atashi A, Langroudi L, Shafiee A, Ghaemi N, **Soleimani M**. miRNAs expressed differently in cancer stem cells and cancer cells of human gastric cancer cell line MKN-45. Cell Biochem

Funct. 2012 Feb 28. doi: 10.1002/cbf.2815

102- Bakhshandeh B, **Soleimani M**, Hafizi M, Paylakhi SH, Ghaemi N. MicroRNA signature associated with osteogenic lineage commitment. *Mol Biol Rep*. 2012 Feb 16. [

101- Ayatollahi M, Salmani MK, Geramizadeh B, Tabei SZ, **Soleimani M**, Sanati MH. Conditions to improve expansion of human mesenchymal stem cells based on rat samples. *World J Stem Cells*. 2012 Jan 26;4(1):1-8.

100- Doostmohammadi A, Monshi A, Salehi R, Fathi MH, Seyedjafari E, Shafiee A, **Soleimani M**. Cytotoxicity evaluation of 63s bioactive glass and bone-derived hydroxyapatite particles using human bone-marrow stem cells. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub*. 2011 Dec;155(4):323-6.

99- Bakhshandeh B, **Soleimani M**, Hafizi M, Ghaemi N. A comparative study on nonviral genetic modifications in cord blood and bone marrow mesenchymal stem cells. *Cytotechnology*. 2012 Feb 11.

98- Kazemnejad S, Akhondi MM, **Soleimani M**, Zarnani AH, Khanmohammadi M, Darzi S, Alimoghadam K. Characterization and chondrogenic differentiation of menstrual blood-derived stem cells on a nanofibrous scaffold. *Int J Artif Organs*. 2012 Jan;35(1):55-66.

97- Azarpira N, Amini M, Kojuri J, Pasalar P, **Soleimani M**, Hossein Khani S, Ebrahimi M, Niknejhad H, Karimian Z, Lotfi F, Shahabi S, Saadat I, Dehghani MR, Mohagheghi MA, Adibi P, Bagheri Lankarani K. Assessment of scientific thinking in basic science in the Iranian second national Olympiad. *BMC Res Notes*. 2012 Jan 23;5:61

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95- Ghaedi M, **Soleimani M**, Shabani I, Duan Y, Lotfi AS. Hepatic differentiation from human mesenchymal stem cells on a novel nanofiber scaffold. *Cell Mol Biol Lett*. 2012 Mar;17(1):89-106. Epub 2011 Dec 28

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polynomial. *Int J Pharm.* 2011 Nov 28;420(2):350-7

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85- Dinarvand P, Hashemi SM, Seyedjafari E, Shabani I, Mohammadi-Sangcheshmeh A, Farhadian S, **Soleimani M**. Function of Poly (lactic-co-glycolic acid) Nanofiber in Reduction of Adhesion Bands. *J Surg Res.* 2011 Nov 8.

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- 73- Shafiee A, Seyedjafari E, **Soleimani M**, Ahmadbeigi N, Dinarvand P, Ghaemi N. A comparison between osteogenic differentiation of human unrestricted somatic stem cells and mesenchymal stem cells from bone marrow and adipose tissue. **Biotechnol Lett**. 2011 Feb 2
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- 68- Seyedjafari E, **Soleimani M**, Ghaemi N, Sarbolouki MN . Enhanced osteogenic differentiation of cord blood-derived unrestricted somatic stem cells on electrospun nanofibers. **J Mater Sci Mater Med**. 2011 Jan;22(1):165-74.
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- streptozotocin-induced diabetic mice. **Biol Pharm.** 2010;33(7):1212-7.
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- 59-**Soleimani M**, Nadri S, Shabani I. *Neurogenic differentiation of human conjunctiva mesenchymal stem cells on a nanofibrous scaffold.* **Int J Dev Biol.** 2010;54(8-9):1295-300
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- 51- Atashi A, Nadri S, Hafizi M, **Soleimani M**. *Role of poly-L-lysine-coated plates and fetal calf serum concentration in sheep chondroprogenitor cell culturing.* **J Artif Organs.** 2009;12(2):118-22.
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- 49- Behnia H, Khojasteh A, **Soleimani M**, Tehranchi A, Khoshzaban A, Keshel SH, Atashi R. *Secondary repair of alveolar clefts using human mesenchymal stem cells.* **Oral Surg Oral Med Oral Pathol Oral Radiol Endod.** 2009 Aug;108(2):e1-6
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- 46- Shabani I, Haddadi-Asl V, Seyedjafari E, Babaeijandaghi F, **Soleimani M**. *Improved infiltration of stem cells on electrospun nanofibers.* **Biochem Biophys Res Commun.** 2009 Apr 24;382(1):129-33
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for cardiovascular implants. *Acta Biomater.* 2009 Jun;5(5):1519-30

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34- Shaghayegh Haghjooyjavanmard<sup>1</sup>, Mehdi Nematbakhsh<sup>1</sup> and Masoud Soleimani<sup>2</sup>. **The Effect of Hypercholesterolemia on Serum Vascular Endothelial Growth Factor and Nitrite Concentrations in Early Stage of Atherosclerosis in Rabbits.** *Pakistan Journal of Nutrition* 8 (1): 86-89, 2009

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The International. Journal of Developmental Biology Int. J. Dev. Biol. (2008) 52: 979-984 .

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Differentiation. 2008 Mar;76(3):223-31

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Curr Neurovasc Res. 2007 Aug;4(3):153-60.

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