

CURRICULUM VITAE

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Education

2007 – 2013 **Ph.D.** in Anatomical Sciences. Isfahan University of Medical Sciences.

May- Oct 2012 **6 months fellowship** in Tissue and Organ Mechano biology lab (TOM). ISTB. University of Bern. Switzerland.

2002 – 2005 **MSc** of Histology. Ahwaz University of Medical Sciences.

1998 – 2002 **BSc** of Marine Biology. Guilan University.

A) JOURNAL PAPERS

1. Mardani M, **Kabiri A**, Esfandiari E, Esmaeili A, Pourazar A, Ansar M, Hashemibeni B. The effect of platelet rich plasma on chondrogenic differentiation of human adipose derived stem

- cells in Transwell culture. Iranian Journal of Basic Medical Sciences. Iran J Basic Med Sci. 2013 Nov; 16(11): 1163–1169
2. **Kabiri A**, Esfandiari E, Esmaeili A, Hashemibeni B, Pourazar A, Mardani M. Platelet-Rich Plasma application in chondrogenesis. Adv Biomed Res. V2; No 4.
 3. Malonzo C, Chan SC, **Kabiri A**, Eglin D, Grad S, Bonél HM, Benneker LM, Gantenbein-Ritter B. A papain-induced disc degeneration model for the assessment of thermo-reversible hydrogel-cells therapeutic approach. J Tissue Eng Regen Med. 2013 Jan 9.
 4. **Kabiri A**, Esfandiari E, Hashemibeni B, Kazemi M, Mardani M, Esmaeili A. Effects of FGF-2 on human adipose tissue derived adult stem cells morphology and chondrogenesis enhancement in Transwell culture. Biochem Biophys Res Commun. 2012 Jul 27;424(2):234-8.
 5. Renani HB, Ghorbani M, Beni BH, Karimi Z, Mirhosseini M, Zarkesh H, **Kabiri A**. Determination and comparison of specifics of nucleus pulposus cells of human intervertebral disc in alginate and chitosan-gelatin scaffolds. Adv Biomed Res. 2012;1:81.
 6. Ansar MM, Esfandiari E, Mardani M, Hashemibeni B, Zarkesh-Esfahani SH, Hatef M, **Kabiri A**. A comparative study of aggrecan synthesis between natural articular chondrocytes and differentiated chondrocytes from adipose derived stem cells in 3D culture. Adv Biomed Res. 2012;1:24.
 7. Zamani S, Hashemibeni B, Esfandiari E, **Kabiri A**, Rabbani H, Abutorabi R. Assessment of TGF-3 on production of aggrecan by human articular chondrocytes in pellet culture system. Adv Biomed Res 2014;3:54

B) Conference Papers

1. Kabiri A, Mardani M, Esfandiari E, hashemibeni B, Esmaeili A, Pourazar A. Platelet rich plasma enhanced collagen II production

in Transwell cultured mesenchymal stem cells. International Society of Research Cartilage Congress. Montreal, Canada. May 2012

2. Kabiri A, Mardani M, Esfandiari E, hashemibeni B, Esmaili A, Pourazar A. Study the effect of Transwell culture on the chondrogenesis of human adipose tissue derived stem cells. 10th Iranian Anatomical Sciences' Congress. Rasht, Iran. May 2012.

C) Ongoing projects

- 1- Assessment the effect of sporamine purified from sweet potato (*Ipomoea batatas*) on the viability, apoptosis, p53 and MDM2 gene expression in MCF-7 breast cancer cells
- 2- Evaluation the effect of trypsin inhibitor isolated from sweet potato (*Ipomoea batatas*) on the viability and gene expression of CD-95 in MKN-45 gastric cancer cells

Research keywords:

Stem cell biology, Tissue engineering, Chondrogenesis, Cancer

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