



**Jahrom University
of Medical Sciences**

Pejman Hamed Asl MSc
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Jahrom University of Medical Sciences
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Current Position

Faculty member

Membership

Medical laboratory

Education

MSc (Hematology) (2008/1387 – 2012/1390)
Iranian blood transfusion organization, Tehran. IRAN.
India.

Select Publications

I. Journals

1. Adenovirus-mediated expression of the HO-1 protein within MSCs decreased cytotoxicity and inhibited apoptosis induced by oxidative stresses. **Pejman Hamed Asl** & Raheleh Halabian & Parisa Bahmani...*Cell Stress and Chaperones*. DOI 10.1007/s12192-011-0298-y
Accepted: 28 September 2011

2. Application of expired platelets in the preparation of platelet gel and study of proliferative effects of expired platelet derived growth factor on variety of cell lines. Yahyavi Y. Teimuri H, Amani M, Halabian R, Edalati M, Mohammadipoor M, **Hamed Asl P...**
Sci J Iran Blood Transfus Organ 2012

3. Cloning and transient expression of cytoprotective factor ,HO-1, in mesenchymal stem cells using the adenoviral expression system through Gateway technology
Hamed Asl P ,Halabian R, Mohamadzadeh... ,
Sci J Iran Blood Transfus Organ 2012; Stem Cell Suppl. 9(3): 214-225

4. Recombinant Human Lipocalin 2 as an antibacterial agent to prevent platelet contamination.
Bakhshandeh Z .Mohammadipoor M .Halabian R., **Hamed Asl P...**
Sci J Iran Blood Transfus Organ 2012; 9(2):114-123

5. Role of autophagy as a survival factor in MSCs following exposure to oxidative stress

Hosseini A, Halabian R, **Hamedi Asl P...**

Sci J Iran Blood Transfus Organ 2013; 10 (1): 40-52

Presentations

HO-1 engineered MSCs with adenovirus expression system decreased cytotoxicity and inhibited apoptosis after exposure to oxidative stresses, Habibi Roudkenar M, **Hamedi Asl P**, Halabian R, Amirizadeh N, Mohamadipoor M, Mohammadzadeh M, Bahmani P, Ebrahimian Motlagh S., 2010. *journal of Vox Sanguinis* 6B-S49-05.

Participation in Conferences and Seminars

Ninth Congress of Iranian Anatomical Sciences in Hamedan in the field of stem cells, as speech (Genetic manipulation of MSCs with transient expression of cytoprotection gene , HO-1)

Project Guidance and Supervision

Project Guidance and Supervision

1. Preconditioning of MSCs with Periostin in order to enhance cell resistance against oxidative stress's
2. determine of protective function of thymosin beta 4 in mesenchymal stem cells by analysis expression AKT, BCL-2, HO-1, VEGF genes by RT-PCR assay
3. Cloning and transient expression of cytoprotective factor, HO-1, in mesenchymal stem cells using the adenoviral expression system through Gateway technology

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