

CURRICULUM VITAE

Name & Last Name: Pejman Hamedi-Asl
Position: Instructor of Hematology
Department of Medical Laboratory Sciences
School of Medical Sciences
Jahrom University of Medical Sciences
Jahrom, Iran



Personal Information:

First name: Pejman

Last name: Hamedi-Asl

Date of Birth: 1985-1-11

Nationality: Iranian

Marital status: Married

Job title: Faculty member

Organization: Jahrom University of Medical Sciences

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Education:

| Institute | From to | Field | Degree |
|--|------------------------|----------------------------------|---------------|
| Tehran University of Medical Sciences | 2006-9-23 2008-9-22 | Medical Laboratory Scientist | B.Sc. |
| Iranian Blood Transfusion Organization | 2008-9-22 2011-9-23 | Hematology and Blood Transfusion | M.Sc. |
| Iran University of Medical Sciences | 2021-1-20 2025-1-20 | Hematology and Blood Transfusion | PhD candidate |

Employment:

Faculty Members- Jahrom University of Medical Sciences

Teaching duties:

- Hematology 1 and 2 for Medical Laboratory Sciences (Theory and Practical)
- Immunohematology for Medical Laboratory Sciences (Theory and Practical)
- Hematology for Surgical technologist (Theory)
- Hematology for Anesthesia technologist (Theory)

Awards:

- Elite student of Tehran University of Medical Sciences in bachelor's degree in the academic year 2007-2008
- Gold medal in chess in the 7th Cultural Sports Students Olympiad, Medical Universities of Iran (Isfahan, 2007)

Patent:

دستگاه اتوماتیک جهت تهیه گسترش های خونی براساس میزان هموگلوبین بیماران
شماره و تاریخ ثبت اختراع: 1395/11/12-91208

Automatic device for blood smear preparation based on hemoglobin level of patients.

Patent number and date: 91208-2017.3.2

Publications:

Research publication:

1. **Hamedi-Asl P**, Halabian R, Bahmani P, Mohammadipour M, Mohammadzadeh M, Roushandeh AM, et al. Adenovirus-mediated expression of the HO-1 protein within MSCs decreased cytotoxicity and inhibited apoptosis induced by oxidative stresses. *Cell Stress Chaperones* [Internet]. 2012 Mar 13;17(2):181–90. Available from: <http://link.springer.com/10.1007/s12192-011-0298-y>
2. **Hamedi-Asl P**, Saleh S, Hojati H, Kalani N. The Factors Affecting the Tenured Faculty Member Evaluation Score from the Perspective of Students of Jahrom University of Medical Sciences in 2016. *J Res Med Dent Sci* [Internet]. 2018;6(2):233–9. Available from: www.jrmids.in
3. Davari M, Shakeri MA, **Asl PH**, Shariati M, Ghobadifar MA, Jahromi HK, et al. Embryo quality following different reproductive assisted techniques from vitrified immature oocytes matured with or without a cumulus cell co-culture system: A comparative study between

- intracytoplasmic sperm injection and in vitro fertilization. *IIOAB J.* 2016;7:351–6.
- Hosseini A, Halabian R, **Hamed Asl P**, Bashiri Nahanji H, Jalili M.A HM, Amiri zade N HRM. Role of autophagy as a survival factor in MSCs following exposure to oxidative stress. *Sci J Iran Blood Transfus Organ.* 2013;10(1):40–52.
 - Bakhshandeh Z. Mohammadipoor M. Halabian R., **Hamed Asl P**, Hashemi V, Mohammadzadeh M, Imani Fooladi A, Amirizadeh N, Nasiri S HRM. Recombinant Human Lipocalin 2 as an antibacterial agent to prevent platelet contamination. *Sci J Iran Blood Transfus Organ.* 2012;9(2):114–23.
 - Hamed Asl P**, Halabian R, Mohamadzadeh M, Mohammadipour M BZ, Hamed Asl D, Kiani AA, Jalili M, Amirizadeh N HRM. Cloning and transient expression of cytoprotective factor ,HO-1, in mesenchymal stem cells using the adenoviral expression system through Gateway technology. *Sci J Iran Blood Transfus Organ.* 2012;9(3):214–25.
 - Yahyavi Y. Teimuri H, Amani M, Halabian R, Edalati M, Mohammadipoor M, **Hamed Asl P**, Amirizadeh N HRM. 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. *Sci J Iran Blood Transfus Organ.* 2010;7(3):127–37.

Presentations:

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

- Preconditioning of MSCs with Periostin in order to enhance cell resistance against oxidative stress's
- 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
- Cloning and transient expression of cytoprotective factor, HO-1, in mesenchymal stem cells using the adenoviral expression system through Gateway technology

پست های اجرایی :

مسئول دفتر استعدادهای درخشان دانشگاه علوم پزشکی جهرم ۱۳۹۷-۱۳۹۸
سرپرست المپیاد دانشگاه علوم پزشکی جهرم ۱۳۹۶-۱۳۹۷-۱۳۹۸
مسئول حیطة علوم پایه المپیاد علمی دانشجویان ۱۳۹۷-۹۸ (یازدهمین دوره)

TECHNICAL SKILLS:

- Cloning
- Real-Time PCR
- Primer Design
- Cell Culture (Mesenchymal Stem Cells and Cell line)
- MTT assay
- Flow cytometry Data analysis
- GraphPad Prism
- SPSS
- Mendeley
- Microsoft Office

شرکت فعال در کارگاه های زیر :

گواهینامه آشنایی با مفاهیم و کاربرد علم سنجی در نظام های ارزشیابی و رتبه بندی دانشگاهی
گواهی دوره کشوری فلوشیپ یادگیری الکترونیکی (بصورت ترکیبی)

داوری پوستر در دومین کنگره سراسری اخلاق و شیوه های نوین درمان ناباروری

تدریس در کارگاه سوء مصرف مواد

تدریس کارگاه RT-PCR

تدریس کارگاه مندلی (Mendeley)

تدریس کارگاه سلول درمانی

تدریس کارگاه پزشکی شخصی شده (Personalized Medicine)

تدریس کارگاه تفسیر آزمایشات خون

شرکت در کارگاه روش های نوین تدریس

شرکت در کارگاه تدوین طرح درس

شرکت در کارگاه SPSS

شرکت در کارگاه مقدماتی پژوهش در آموزش