

*Shahid Sadoughi University of Medical  
Sciences & Health Services*  
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## **Personal Information**

**First name:** Mansour

**Surname:** Esmailidehaj

**Date of birth:** 25/08/1975

**Nationality:** Iranian

**Marital status:** Married (2child, 1 girl and 1 boy)

**Title:** Assistant Professor

**Gender:** Male

## **Work address:**

Dept. of Physiology, Faculty of Medicine, Shahid Sadoughi University of  
Medical Sciences, Yazd, Iran

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## Educational Background

<b>DATE</b>	<b>BACKGROUND</b>
<b>2003-2007</b>	Ph.D. in Physiology. Dept of Physiology, Faculty of Medicine, Baqiyatallah University of Medical Sciences, Tehran, Iran <b>Title of thesis</b> ” The Effect of Effects of the hyperoxia and intermittent hyperoxia pretreatment against subsequent ischemic reperfusion injury in vivo rat model”.
<b>1999-2001</b>	M.Sc. in Human physiology. Dept of Physiology, Faculty of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran <b>Title of thesis</b> ” The Effect of leptin on lipid plasma profiles and cholesterol induced fatty streaks on rabbits”.
<b>1994-1999</b>	B.Sc. in Nursing. School of Nursing, Shiraz University of Medical Sciences, Shiraz, Iran

## Academic Experiences

<b>Date</b>	<b>Activity</b>
<b>2010 -present</b>	<b>Department of physiology Director</b>
<b>2008-Present</b>	<b>Leader of Animal Lab. Shahid Sadoughi University of Medical Sciences and Health Services, Yazd, Iran</b>
<b>2008-Present</b>	<b>Member of Medical School Educational Association, Shahid Sadoughi Medical School Yazd, Iran.</b>
<b>2008-Present</b>	<b>Member of Heart Research Association, Shahid Sadoughi medical School Yazd, Iran.</b>
<b>2008-Present</b>	<b>Member of Medical School Research Association, Shahid Sadoughi Medical School Yazd, Iran.</b>
<b>2008 - Present</b>	<b>Member of Research Association in Shahid Sadoughi Medical University</b>
<b>2007 - Present</b>	<b>Assistant Professor, School of Medicine, Shahid Sadoughi University of Medical Sciences and Health Services, Yazd,</b>

	<b>Iran</b>
<b>2005 - 2007</b>	<b>Faculty Member (Lecturer), Dept of Physiology, School of Medicine, Baqiyatallah Medical University, Tehran, Iran</b>
<b>2005</b>	<b>Director of Education Office. School of Medicine, Khoramabad Medical University, Khoramabad, Iran.</b>
<b>2000 - 2003</b>	<b>Lecturer (MSc), School of Medicine, Khorramabad Medical University, Khorramabad, Iran.</b>

## **Membership of Scientific Societies**

- Iranian Physiology And Pharmacology Union
- Iranian Heart Association
- Heart Failure Association of the ESC (HFA)

## **Research interests**

Atherosclerosis

Preconditioning

Arrhythmias

Infarction

Stunning

## **Scientific Meeting Participated**

16<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Tehran-Iran

18<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2007 Mashhad-Iran

6<sup>th</sup> Heart Failure Congress. 29 May – 2 Jun, 2009, Nic, France

19<sup>th</sup> Iranian congress of physiology and pharmacology November, 2-6, 2009 Shahid Beheshti  
- Tehran-Iran

7<sup>th</sup> Heart Failure Congress. 29 May – 1 Jun, 2009, Berlin, Germany

# Publications

## A: Papers

- 1 Sharifi M, **Esmaili Dehaj M**. Leptin effects on production of fatty streaks due to hypercholesterolemia in aorta of rabbit. *Journal of Qazvin Univ. of Med. Sci* 2003; 3: 65-70
- 2 **Esmaili Dehaj M**, Delfan B, Tavakoli A. Effects of olive leaf, Mulberry and fenugreek seed extract on the changes of plasma cholesterol levels and fatty streaks on rabbit arterial wall. *Yafteh ( Journal of Lorestan University of Medical Sciences)*2003; 5(16): 3-9
- 3 **Esmaili dehaj M** , *Delfan B , Meshkat MH , Alaei H, Tevakoli A, Shahsavari GH, Tarahi MJ* .Steroidal alkaloids isolated from leaf (olea Europaea) reduced cerebral ischemia – induced injury in rats. *Yafteh ( Journal of Lorestan University of Medical Sciences)*2005; 7(1): 3-9
- 4 Delfan B, **Esmaili Dehaj M**, Tavalai AR, Nazary A. Effects of germinated seeds of *Trigonella foenum graecum* (fenugreek) and Cholestyranin on blood lipids profile and fatty streak in rabbit. *Pakistan journal of Biological Sciences* 2005; 8(11): 1529-1532
- 5 **Mansour Esmaili Dehaj**, Babak Baharvand, Bahram Rasoulia, Mohsen Foadaddini, Alireza Asgari, Ali Noroozadeh, Poorkhalili, Hannaneh Wahhab Aghai, Ali Khoshbaten. Delayed protective effects of hyperoxia against cardiac arrhythmias and infarction in anesthetized rats. *J.Surg.Res.*2009; 151 (1): 55-61
- 6 Baharvand B, **Esmaili Dehaj M**, Rasoulia B, Namdari M, and Shikhani Y, Kiani A. Delayed antiarrhythmic effect of nitroglycerin in anesthetized rats: involving of CGRP, PKC and  $mK_{ATP}$  channels. *International Journal of Cardiology* 2009; (135) 187–192
- 7 Baharvand B, **Dehaj ME**, Foadaddini M, Rasoulia B, Poorkhalili K, Aghai HW, et al. Delayed Cardioprotective Effects of Hyperoxia Preconditioning Prolonged by Intermittent Exposure. *J Surg Res* 2009 Jan 24.
- 8 Pourkhalili, Khalil; Hajizadeh, Sohrab; Tiraihi, Taki; Akbari, Zahra; **Esmailidehaj, Mansour**; Bigdeli, Mohammad Reza; Khoshbaten, Ali. Ischemia and reperfusion-induced arrhythmias: role of hyperoxic preconditioning. *Journal of Cardiovascular Medicine. Journal of Cardiovascular Medicine* 2009, 10:635–642
- 9 B. Rasoulia, M. Jafari, A. Noroozadeh, H. Mehrani, H. Wahhab-Aghai, S. M. H. Hashemi-Madani, E. Ghani , **M. Esmaili**, A. Asgari and A. Khoshbaten. Effects of ischemia-reperfusion on rat renal tissue antioxidant systems and lipid peroxidation. *Acta Medica Iranica* 2008; 46(5): 353-360.

Wahhabaghai H, Rasoulia B, **Esmaili M**, Mehrani HA, Mohammadhosseniakbari H, Mofid M, Jafari M, Noroozi M, Foadoddini M, Asgai A, Khoshbaten A. Hyperoxia-induced protection against rat's renal ischemic damage: relation to oxygen exposure time. *Ren Fail*. 2009;31(6):514-21.

خليل پورخليلی، سهراب حاجی زاده، علی خوش باطن، تقی طریحی، منصور اسمعیلی دهج، محمد رضا بیگدلی. نقش پیش آماده سازی با هیپراکسی در محافظت از بافت قلب و آریتمی ها به دنبال آسیب ایسکمی -جریان مجدد. مجله پزشکی کوثر. دوره ۱۳، شماره ۳، پاییز ۱۳۸۷. صفحات ۲۱۱-۲۲۲.

علی رفعتی، سیما مرادی، منصور اسمعیلی دهج، بمانعلی جلالی، پریچهر یغمایی. مقایسه اثر عصاره آبی تخم شوید با لواستاتین در کاهش لیپیدها و لیپوپروتئین های خون در موش بزرگ آزمایشگاهی. مجله دانشگاه علوم پزشکی و خدمات بهداشتی - درمانی شهید صدوقی یزد. دوره سیزدهم، شماره ۵، زمستان ۱۳۸۴، صفحات ۴۹-۴۱.

Rasoulia B, Jafari M, Mahbod M, **Dehaj ME**, Nowrozi M, Wahhabaghai H, Mofid M, Ghasemi A, Bigdeli MR, Khoshbaten A. Pretreatment with oxygen protects rat kidney from cisplatin nephrotoxicity. *Ren Fail*. 2010 Jan;32(2):234-42.

Foadoddini M, **Esmailidehaj M**, Mehrani H, Sadraei SH, Golmanesh L, Wahhabaghai H, Valen G, Khoshbaten A. Pretreatment with hyperoxia reduces in vivo infarct size and cell death by apoptosis with an early and delayed phase of protection. *Eur J Cardiothorac Surg*. 2011 Feb;39(2):233-40.

## B: Abstracts

- 1 Sharifi M, **Esmaili Dehaj M**. Effects of leptin on changes on lipid plasma and production of fatty streak in aorta due to hypercholesterolemia in rabbit. 5<sup>th</sup> Scientific congress Federation of Asian and Oceania Physiological Societies (FAOPS). 23-26, September 2002. Kuala Lumpur-Malaysia
- 2 **Esmaili Dehaj M**, Delfan B, Tevakoli A, Tarahi MJ. Evaluation of effect of Olive and black Mulberry leaf on formation of atherosclerotic plaques at the wall of aorta. 16<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Tehran-Iran
- 3 **Esmaili Dehaj M**, Delfan B, Tevakoli A. Atherosclerosis of virtue of de-ethyl-ether extract of black mulberry leaf. 16<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Tehran-Iran
- 4 **Esmaili Dehaj M**, Delfan B, Meshkootalsadat MH. The extract of fenugreek seed on changes of lipid plasma levels. 16<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Tehran-Iran
- 5 Badalzadeh R, **Esmailidehaj M**. Steroidal alkaloids isolated from leaf (olea Europaea)

reduced cerebral ischemia – induced injury in rats 17<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Kerman-Iran

- 6 Pourkhalili K, Hajizadeh S, Khoshbaten A, **Esmaili Dehaj M**, Heidaripour A. Normobaric hyperoxia pretreatment attenuates ischemic – reperfusion induced injury in isolated rat heart. 18<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Mashhad-Iran
- 7 **Esmaili Dehaj M**, Noroozzadeh A, Baharvand B, Asgari A, Khoshbaten A. Antiinfarct and Antiarrhythmic effects of hyperoxia-induced preconditioning on in vivo rat model. 18<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Mashhad-Iran
- 8 Sheerkhani Y, Baharvand B, Kiani AA, **Esmaili Dehaj M**. The study of grape seed oil effect on plasma lipids and glucose level of Aloxan-induced diabetics rats. 18<sup>th</sup> Iranian congress of physiology and pharmacology May, 9-13, 2003 Mashhad-Iran
- 9 محمد رضا شریفی، مهرآفرین فشارکی، منصور اسمعیلی دهج. بررسی اثر لیپتین بر تغییرات سطح پلاسمایی لیپیدها و ایجاد رگه های چربی در جدار شریان آئورت ناشی از القاء هیپرکلسترولمی در خرگوش. ششمین کنگره بین المللی غدد درون ریز، ایران، کرمان، ۱۷-۱۴ مهرماه ۱۳۸۰
- 10 **Mansour Esmaili Dehaj**, Babak Baharvand, Bahram Rasoulia, Mohsen Foadaddini, Alireza Asgari, Ali Noroozzadeh, Poorkhalili, Hannaneh Wahhab Aghai, Ali Khoshbaten. Delayed protective effects of hyperoxia against cardiac arrhythmias and infarction in anesthetized rats. Heart Failure Congress 2009; 30 may – 2 June 2009: Nice, France
- 11 **Mansour Esmailidehaj**, Babak baharvand, Mohsen Foadaldini, Ali Khoshbaten. Hyperoxia may Protect the Heart against Ischemic Injury via Proxynitrite. 19<sup>th</sup> Iranian congress of physiology and pharmacology November, 2-6, 2009, Shahid Beheshti, Tehran, Iran
- 12 **M. Esmailidehaj**, B. Rasoulia, M. Mosadeghmehrjerdi, S. Moshtaghion, A. Morshedi. Oleuropein induces cardioprotection but, not cardiac preconditioning in rats. 7<sup>th</sup> Heart Failure Congress. 29 May – 1 Jun, 2009, Berlin, Germany

## Workshops:

- A. Teaching One-Note software in Khoramabad medical University
- B. Teaching Graphpad Prism software in Khoramabad medical University