



# Curriculum Vitae

## Contact information

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<b>Sex</b>	Male
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<b>Date of Birth</b>	1/07/1975
<b>Place of Birth</b>	Larestan-Benarooyeh
<b>Country of Birth</b>	Iran

## Language skills

<b>English: speaking, writing, reading (Average, Good, Excellent)?</b>	Average
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## Computer Skills

<b>SPSS, Endnote, Word, Excel, Powerpoint ...</b>
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## **Research Experiences**

- 1) Langendorff
- 2) Evaluation of baroreflex
- 3) Intrathecal injection
- 4) Artery and vein cannulation
- 5) Stereotaxy
- 6) Vascular bed evaluation

## **Qualifications**

<b>Qualifications</b>	<b>Where awarded</b>	<b>Year</b>
PhD Student Physiology	Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran	<b>2012</b>
MSc in Physiology	Shiraz University of Medical Sciences, Shiraz, Iran	<b>2005</b>
BSc in Nursing	Yazd University of Medical Sciences, Yazd, Iran	<b>1998</b>

## **PhD Thesis Title and Research Program**

**Comparative study of the effect of hydro-alcoholic grape seed extract and exercise training, alone and in combination on cardiovascular and oxidative stress parameters in diabetic rat.**

We found that streptozotocin (STZ)-induced diabetes, exercise training (ET), grape seed extract (GSE) and combined ET with GSE does not significantly change basal perfusion pressure, vasoconstriction response to phenylephrine and vasorelaxation to sodium nitroprusside of mesenteric vascular bed. Endothelial-dependent relaxation to acetylcholine significantly reduced. 8 weeks ET or GSE partially improves it. Combined ET and GSE extract perfectly restores endothelial-dependent relaxation.

We demonstrated that combined ET and GSE perfectly restores impaired baroreflex-mediated HR changes to MAP rises and falls induced by STZ.

## **Awards and Distinctions**

**2010** second Student award in Ahvaz Medical University of Medical Sciences, in Basic Sciences faculties among PhD students.

**2005** First student award in Shiraz University of Medical Sciences, in Basic Sciences faculties among MSC students.

### Educational history

Place	Year
Shiraz University of Medical Sciences	2003-2004
Jahrom University of Medical Sciences	2005 up to now
Ahwaz University of Medical Sciences	2009-2010

### Presentations at Conferences

- 1- Effects of fetal life exposure to extremely low frequency electromagnetic fields on adulthood learning in male rats. **Hassan Ali Abedi**, Asadollah Zarifkar, Karim Rastegar, Mohammad Mehdi Movahhedi, Mehrdad Shahrani. The 18<sup>th</sup> congress of Physiology and Pharmacology in Mashhad- Iran, 26-30 August, 2007.
- 2- Evaluation of analgesic effects of intrathecal eugenol in male rats. **Hassan Ali Abedi**, Mohammad Hadi Fathimoghaddam, Mayam Mohammadian. The 19<sup>th</sup> congress of Physiology and Pharmacology in Tehran- Iran, 3-6 November, 2009.
- 3- Combined hydro-alcoholic grape seed extract and exercise training improve coronary vascular function of diabetic rats. **Hassan ali abedi**, Mohammad Badavi, Ali Reza Sarkaki, Mahin Dianat. The 20<sup>th</sup> Iranian Congress of Physiology and Pharmacology in Hamedan-Iran, 10-14 September, 2011.

### Articles

1. Rastegarian A, **Abedi HA**, Sepidkar A, Kheyrikhah N, Kargar Jahromi H, Farzam M. The Use of Laryngeal Mask Airway in Pilonidal Cyst Excision after Muscle Relaxant (Atracurium) Injection in Prone Position. Biosciences, Biotechnology Research Asia. 2014;11(2):875-8.
2. Pishbin T, Kargarjahromi H, **Abedi HA**, Farzam M, Farzam M, Mansouri E. Studying the Effect of Imipramine on Morphometric and Histopathological Changes of Ovary in Adult Female Rat. Biosciences, Biotechnology Research Asia. 2014;11(2):965-8.
3. Mansouri E, Khorsandi L, **Abedi HA**. Antioxidant effects of proanthocyanidin from

- grape seed on hepatic tissue injury in diabetic rats. Iranian journal of basic medical sciences. 2014;17(6):460.
4. Mansouri E, **Abedi HA**, Damshenas MH, Kargar Jahromi H. Antioxidant Effects of Hydro-Alcoholic Extract of Pomegranate (*Punica granatum L.*) on Some of Tissues. Biosciences, Biotechnology Research Asia. 2014;11(2):441-7.
  5. Ebadi Z, Kargarjahromi H, **Abedi HA**, Farzam M, Farzam M. Effects of Raloxifeneon on Ovarian Tissue of Mature Female Rats. Biosciences, Biotechnology Research Asia. 2014;11(2):1013-7.
  6. **Abedi HA**, Nikseresht A, Tashakoreyan F. Comparison between effects of resistance and endurance exercise training on somatic and affective symptoms of premenstrual syndrome. Journal of Jahrom University of Medical Sciences. 2014;12(3):52-60.
  7. Badavi M, **Abedi HA**, Sarkaki AR, Dianat M. Co-administration of Grape Seed Extract and Exercise Training Improves Endothelial Dysfunction of Coronary Vascular Bed of STZ-Induced Diabetic Rats. Iranian Red Crescent Medical Journal. 2013;15(10).
  8. Badavi M, **Abedi HA**, Dianat M, Sarkaki AR. Exercise Training and Grape Seed Extract Co-Administration Improves Lipid Profile, Weight Loss, Bradycardia, and Hypotension of STZ-Induced Diabetic Rats. International cardiovascular research journal. 2013;7(4):111.
  9. Khoshnam MS, Khoshnam E, **Abedi HA**. The Effect of Aerobic Physical Exercise on immune system and HS-CRP in male athlete and Non-athletes. Advances in Environmental Biology. 2012;6(12).
  10. **Abedi HA**, Fathimoghaddam H, Mohammadian M, Shahrani M. Evaluation of analgesic effects of intrathecal eugenol in male rats. SHAHREKORD UNIVERSITY OF MEDICAL SCIENCES JOURNAL. 2012.
  11. Badavi M, **Abedi H**, Dianat M, Sarkaki A. Dysfunction of Mesenteric Vascular Bed in STZ-induced Diabetic Rats. International Journal of Pharmacology. 2011;7(8):813-20.
  12. **Abedi HA**, Zarifkar A, Rastegar K, Movahedi MM, Shahrani M. Effects of extremely low frequency electromagnetic fields during foetal life on adulthood learning in male rat. Journal of Shahrekord University of Medical Sciences. 2011;13(1):16-20.
  13. AS Zar, F Ahmadi, **HA Abedi**, K Jahromi H. Effects of different exercise intensity on haematological variables in male college judo athletes. Kasmera Lournal 43 (1), 336-49.
  14. M Badavi, HA Abedi, M Dianat, AR Sarkaki. Combination of Grape Seed Extract and Exercise Training Improves Left Ventricular Dysfunction in STZ-Induced Diabetic Rats. International Cardiovascular Research Journal. 2015 January; 9(1): 22-27.