



Jahrom University
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Hassan Ali Abedi, M.A., Ph.D.

Assistant Professor of Medical physiology

Department of.....

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Current Position

Faculty Member of Physiology Department

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Membership

Medical School Research Council

University Research Council

Director of the Physiology Department

Previous Employment

Anesthesiology Technician of Martyr Motahari Hospital

Education

Ph.D..... (2007/1386– 2012/1390)

The University of Ahvaz Jundi shapour Medical of Sciences, Ahvaz, Iran

M.A..... (2002/1381 – 2005/1384)

Shiraz University of Medical Sciences, Shiraz, Iran

Select Publications

I. Journals

- 1- 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. JSKUMS 2011 Apr, May; 13(1): 16-20.] Persian

- 2- **Abedi HA**, Fathimoghaddam H, Mohammadian M, Shahrani M. [Evaluation of analgesic effects of intrathecal eugenol in male rats: Modified method of intrathecal injection. JSKUMS 2012 14(2): 23-30.] Persian
- 3- Badavi M, **Abedi HA**, sarkaki A, Dianat M. Exercise training and grape seed extract co-administration improve endothelial dysfunction of mesenteric vascular bed in STZ-induced diabetic rat. International Journal of Pharmacology 2011 7(8): 813-820.
- 4- Badavi M, **Abedi HA**, sarkaki A, 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 October; 15(10): e7624.
- 5- Badavi M, **Abedi HA**, sarkaki A, Dianat M. Exercise Training and Grape Seed Extract Co-Administration Improves Lipid Profile, Weight Loss, Bradycardia, and Hypotension of STZ-Induced Diabetic Rats. Int Cardiovasc Res J.2013;7(4):111-117.icrj.13634.
- 6- Mohammad Sadegh khoshnam, Ebrahim Khoshnam, **Hassan Ali Abedi**. The Effect of Aerobic Physical Exercise on immune system and HS-CRP in male athlete and Non-athletes. Advances in Environmental Biology, 6(12): 3023-3027, 2012.
- 7- 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 17 (6), 460-464.
- 8- **HA Abedi**, A Nikseresht, F Tashakoreyan. Comparison between effects of resistance and endurance exercise training on somatic and affective symptoms of premenstrual syndrome. Journal of Jahrom University of Medical Sciences 12 (3), 52-60.
- 9- E Mansouri, **HA Abedi**, MH Damshenas, H Kargar Jahromi. Antioxidant Effects of Hydro-Alcoholic Extract of Pomegranate (*Punica granatum L.*) on Some of Tissues. Biosciences, Biotechnology Research Asia 11 (2), 441-447.

- 10-** A Rastegarian, **HA Abedi**, A Sepidkar, N Kheyrikhah, H Kargar Jahromi. The Use of Laryngeal Mask Airway in Pilonidal Cyst Excision after Muscle Relaxant (Atracurium) Injection in Prone Position. *Biosciences, Biotechnology Research Asia* 11 (2), 875-878.
- 11-** T Pishbin, H Kargarjahromi, **HA Abedi**, M Farzam, M Farzam, E Mansouri. Studying the Effect of Imipramine on Morphometric and Histopathological Changes of Ovary in Adult Female Rat. *Biosciences, Biotechnology Research Asia* 11 (2), 965-968.
- 12-** Z Ebadi, H Kargarjahromi, **HA Abedi**, M Farzam, M Farzam. Effects of Raloxifeneon on Ovarian Tissue of Mature Female Rats. *Biosciences, Biotechnology Research Asia* 11 (2), 1013-1017.
- 13-** E Mansouri, L Khorsandi, **HA Abedi**. Antioxidant effects of proanthocyanidin from grape seed on hepatic tissue injury in diabetic rats. *Iranian journal of basic medical sciences* 17 (6), 460-464.
- 14-** 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.
- 15-** 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* 9 (1), 22-27
- 16-** A Zar, F Ahmadi, **HA Abedi**, G Ali, H Marjan. Immune system response of female futsal players to different intensities training in the field. *KASMERIA JOURNAL* 43 (1), 174-182.
- 17-** HK Jahromi, **H Abedi**, N Sadeghi, A Sepidkar, S Zar. Chronic effects of hydro-alcoholic artemisia absinthium extract on the liver enzymes and tissue changes of adult mal rat. *Journal of Fundamental and Applied Sciences* 8 (2), 1072-1083.
- 18-** HK Jahromi, HK Jashni, H Sameni, **HA Abedi**, ZK Jahromi, ZK Kherameh. The Effect of Aqueous Extract of Dactylorhiza Maculate Root on the oncentration of Hypothalamic-pituitary-thyroid Axis Hormones in Adult Female Rats. *International Journal of Medical Research & Health Sciences* 5 (5), 248-252.

- 19-** M Pourahmad, HK Jahromi, ZK Jahromi, MH Sameni, **H Abedi**. The protective effect of Aloe vera on paraquat hepatotoxicity. *International Journal of Medical Research & Health Sciences* 5 (5), 253-258.
- 20-** R Raoofi, HK Jahromi, ZK Jahromi, **H Abedi**, H Sameni, M Pourahmad. Antioxidant Effects of Green-Tea on biochemical and Histopathological Changes of liver in Male Rats Poisoned by Malathion Insecticide. *International Journal of Medical Research & Health Sciences* 5 (5), 361-370
- 21-** **HA Abedi**, HK Jahromi, N Sadeghi, SP Amjadi, ZK Jahromi. Evaluating the effect of aqueous extract of the roots of native edible asparagus in Iran (*Asparagus officinalis* L) on the concentration of liver factors in male rats treated with cadmium chloride. *Journal of Fundamental and Applied Sciences* 8 (4), 2008-2022.
- 22-** **H Abedi**, HK Jahromi, SMA Hashemi, Hojatollah Karimi Jashni, ZK Jahromi. The Effect of Silymarin on Spermatogenesis Process in Rats. *International Journal of Medical Research & Health Sciences* 5 (6), 146-150.
- 23-** A Zar, F Ahmadi, M Miri, **HA Abedi**, M Salesi. Cytokine Pattern is Affected by Training Intensity in Women Futsal Players. *Immune network* 16 (2), 109-115
- 24-** Designing and Developing Automatic Trolley for Washing and Dressing the Wounds
MSG Yazdi, M Naderizadeh, R Afzalipour, HA Abedi, M Radmehr, ...
Journal of Biomedical Physics and Engineering
- 25-** SM Nezhad, A Esmailnejad, MS Sanie, **HA Abedi**, H Niknam. Prevalence of hepatitis B, hepatitis C, and human immunodeficiency virus infections among hemophilia patients in Shiraz, south of Iran. *Comparative Clinical Pathology* 25 (5), 953-957.
- 26-** **H Abedi**, A Zarrin-Mehr, B Ebrahimi, H Haghshenas, N Parvin. The effect of aqueous extract of orchid root on the structure of ovary and hypothalamic-pituitary-gonadal hormones in polycystic ovary syndrome rat model: An experimental study. *International Journal of Reproductive BioMedicine* 22 (3), 203-210.
- 27-** Zarei S, Taghian F, Sharifi Gh, **Abedi H**. Regulation of the microRNA profiles related to Myh7 and Myh6 in myocardial ischemia through proanthocyanidins and

different intensity exercise training. *Avicenna J Phytomed*, 2024. Epub ahead of print.

28- Atashpour Sh, **Abedi H**, Shafiei Jahromi N, Aref Bagherzadeh M, Saremi J, Mahjour A, Kargar Jahromi H. Effect of Salep Aqueous Extract High Doses on Serum Level of Urea Nitrogen, Creatinine, Uric acid and Kidney Histopathological Changes in Adult Male Wistar Rats. *Archives of Razi Institute*. 2023;78(5):1451-61.

29- **Abedi H**, Nemati M, Ebrahimi B, Dehghani M, Mikaeiliagah E, Abdollahzadeh P, Ghanaatpishe A, Shafiee Jahromi N, Kargar Jahromi H. The protective effect of hydroalcoholic extract of *Ephedra pachyclada* leaves on ovarian damage induced by cyclophosphamide in rat: An experimental study. *Int J Reprod Biomed*. 2023 Sep 20;21(8):629-638. doi: 10.18502/ijrm.v21i8.14018. PMID: 37885971; PMCID: PMC10598471.

30- Shekoufeh Atashpour 1,2, Hassanali Abedi 2,3, Nazanin Shafiei Jahromi 4, Mohammad Aref Bagherzadeh 5, Jamileh Saremi 2,3, Amirashkan Mahjour 6, Hossein Kargar Jahromi. Effect of High Doses of Salep Aqueous Extract on Serum Levels of Urea Nitrogen, Creatinine, Uric Acid, and Kidney Histopathological Changes in Adult Male Wistar Rats. *Arch Razi Inst*. 2023 Oct 31;78(5):1451–1461. doi: 10.22092/ARI.2023.78.5.1451

31- Safar Zarei, Farzaneh Taghian, Gholamreza Sharifi, **Hassanali Abedi**. Regulation of the microRNA profiles related to Myh7 and Myh6 in myocardial ischemia through proanthocyanidins and different intensity exercise training. *Avicenna J Phytomed*. 2025 Jan-Feb;15(1):874–889. oi: 10.22038/AJP.2024.24739

32- Panel Najmeh Asgharzadeh, Parsa eshragh, Hossein Amini-Khoei, Nahid jivad, Amir Ali khavasi, Marzieh Mardani, **Hassan ali Abedi**, Elham Bijad, Diana shahrani korrani, Mohammad shahrani korrani, Cuminaldehyde improves seizures by reducing the expression of TNF- α , iNOS, nNOS, and oxidative stress in the hippocampus. *Journal of Psychiatric Research*. Volume 192, January 2026, Pages 1-9.

33- **Hassanali Abedi**, Armin Zarrin-Mehr, Bahareh Ebrahimi, Hoda Haghshenas, Negar Parvin, Hossein Kargar Jahromi. The effect of aqueous extract of orchid root on the structure of ovary and hypothalamic-pituitary-gonadal

hormones in polycystic ovary syndrome rat model: An experimental study. Int J Reprod Biomed. 2024 May 15;22(3):203–210. doi: 10.18502/ijrm.v22i3.16164

II. Books

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Presentations

- 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 18th 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 19th 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 20th Iranian Congress of Physiology and Pharmacology in Hamedan-Iran, 10-14 September, 2011.

Participation in Conferences and Seminars

Executive Secretary of 2nd National Congress of Exercise Physiology

Project Guidance and Supervision