



## Academic CV of Enayat Anvari

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### Personal Information

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**School:** Ilam School of Medicine

**Department:** Physiology

**Academic status:** Ph.D.

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**Email:** Anvari\_ph@yahoo.com

**Birth Date:** 27/07/1978

**Birth Place:** Ilam City, Ilam (Iran)

**Marital Status:** Single

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### Teaching courses

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Medical Physiology

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### Academic Membership

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Iranian Neuroscience society

Iranian Physiology and Pharmacology Society

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### Academic Degrees

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1-Shiraz University of Medical Sciences, Shiraz, Iran, 2008-2014 (Ph.D. in Medical Physiology)

2-Jundishapur University of Medical Sciences, Ahvaz, Iran, 2003-2005 (BS in Medical Physiology)

3-Isfahan University of Medical Sciences, Ahvaz, Iran, 1997-2001 (BA in Nursing)

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## **MSc Thesis Title**

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Assessment of the effect of Cuscuta Pentagona on ileum and colon contractility in male rat as in vivo and in vitro.

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## **Ph.D. Thesis Title**

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Assessment of the role of insulin signaling pathway in nucleus tractus solitaries on baroreceptor reflex sensitivity, cardiovascular parameters and structural changes following chronic consumption of high fructose solution in male rats.

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## **Research interests**

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Cardiovascular parameters in animal models in association to type 2 diabetes, complications of type 2 diabetes in animals and human

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## **Technical abilities**

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Western blotting  
Tissue Bath Isolation  
Cardiovascular parameters recording with power lab  
Tissue staining  
Brain cannulation by stereotaxic instrument  
Tissue staining  
Microinjection into the brain nuclei (nano- liter microinjection) by glass microelectrodes  
Microinjection into the brain nuclei (micro- liter microinjection) by stainless steel microelectrodes  
Cannulation of arterial and vein in rat by poly ethylene tube  
Transcardial perfusion-fixation method  
Stereological methods (Estimation of neurons and volume of the nuclei in the brain)

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## **Work Experiences**

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### **Teaching Experiences:**

Shiraz University of Medical Sciences (2008-2014)  
Kish University (International branch of Shiraz university of Medical Sciences) (2008-2012)  
Ilam University of Medical Sciences (2014-2020)

### **As an advisor/supervisor in thesis:**

Determination of the inflammatory markers with related to brain ischemia in thalassemia patients with diabetes (Advisor for medical student thesis, Ilam University of Medical Sciences, Ilam, Iran)

Investigating the serum level of the IL-38 cytokine in pregnant women with placenta accreta in comparison to normal pregnant and non-pregnant women (Advisor for medical student thesis, Ilam University of Medical Sciences, Ilam, Iran)

### **Experiences in Medical Field:**

Nursing (2 years)

Emergency Medical Services (4 years)

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### **Book Publishing**

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Medical Physiology (Sobhan Publisher, 2013, translation)

Medical Physiology (Khaniran Publisher, 2013, translation)

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### **Research Articles**

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B Bahrami, M Hojjat-Farsangi, H Mohammadi, E Anvari, G Ghalamfarsa, Nanoparticles and targeted drug delivery in cancer therapy. *Immunology letters* 190, 64-83.

Adenosine and adenosine receptors in the immunopathogenesis and treatment of cancer  
MH Kazemi, S Raofi Mohseni, M Hojjat-Farsangi, E Anvari, *Journal of cellular physiology* 233 (3), 2032-2057.

Myeloid-derived suppressor cells in B cell malignancies. F Yazdani, Y., Mohammadnia-Afrouzi, M., Yousefi, M., (...), Sadreddini, S. *Tumor Biology* 36 (10), 7339-7353.

Anti-angiogenic effects of CD73-specific siRNA-loaded nanoparticles in breast cancer-bearing mice. G Ghalamfarsa, A Rastegari, F Atyabi, H Hassannia, M Hojjat-Farsangi. *Journal of cellular physiology* 233 (10), 7165-7177.

Application of nanomedicine for crossing the blood–brain barrier: theranostic opportunities in multiple sclerosis. G Ghalamfarsa, M Hojjat-Farsangi, M Mohammadnia-Afrouzi, E Anvari. *Journal of immunotoxicology* 13 (5), 603-619.

IL-21 and IL-21 receptor in the immunopathogenesis of multiple sclerosis. G Ghalamfarsa, M Mahmoudi, M Mohammadnia-Afrouzi, Y Yazdani. *Journal of immunotoxicology* 13 (3), 274-285.

Polymorphism of Foxp3 gene affects the frequency of regulatory T cells and disease activity in patients with rheumatoid arthritis in Iranian population. V Hashemi, AS Farrokhi, A Tanomand, Z Babaloo, M Hojjat-Farsangi. *Immunology letters* 204, 16-22.

The role of DEAD-box RNA helicase p68 (DDX5) in the development and treatment of breast cancer. V Hashemi, A Masjedi, B Hazhir-karzar, A Tanomand, SS Shotorbani. *Journal of cellular physiology* 234 (5), 5478-5487.

Dimethyl fumarate: Regulatory effects on the immune system in the treatment of multiple sclerosis. A Hosseini, A Masjedi, B Baradaran, M Hojjat-Farsangi, G Ghalamfarsa. *Journal of cellular physiology* 234 (7), 9943-9955.

Amelioration of cerebellar dysfunction in rats following postnatal ethanol exposure using low-intensity pulsed ultrasound. HM Bolbanabad, E Anvari, MJ Rezai, A Moayeri, MR Kaffashian *Journal of Chemical neuroanatomy* 81, 71-75.

Prevalence of HIV, hepatitis B and C infections among volunteer blood donors at the blood transfusion center of Ilam city, Iran H Boustani, E Anvari, S Saiadi Sartang, M Omidi, E Rostami, Z Mohamadi *Journal of Basic Research in Medical Sciences* 4 (2), 4-8.

A comparative study of various methods for detection of IL28B rs12979860 in chronic hepatitis C. SH Monavari, R Fateh, F Vaziri, F Rahimi Jamnani, E Anvari, F Sadeghi. *Scandinavian journal of clinical and laboratory investigation* 77 (4), 247-252.

Fructose Feeding and Hyperuricemia: a Systematic Review and Meta-Analysis. K Sayehmiri, I Ahmadi, E Anvari. *Clinical Nutrition Research* 9 (2), 122-133.

Chitin binding protein as a possible RNA binding protein in Leishmania parasites. S Rashidi, K Kalantar, C Fernandez-Rubio, E Anvari, P Nguewa, G Hatam. *Pathogens and Disease* 78 (1), ftaa007.

Effect of Sodium Benzoate on Reducing Inflammatory Symptoms in Animal Models of Rheumatoid Arthritis. N Gholijani, E Anvari, N Chenari, P Bemani. *scientific journal of ilam university of medical sciences* 27 (6), 37-45.

Assessment of the Blood Parameters, Cardiac and Liver Enzymes in Oral Squamous Cell Carcinoma Following Treated with Injectable Doxorubicin-Loaded Nano-Particles. MM Khiavi, E Anvari, H Hamishehkar, K Abdal. *Asian Pacific journal of cancer prevention: APJCP* 20 (7), 1973.

Prevalence of iron deficiency and anemia in girls studying in high schools of Ilam city. R Shiri Haris, B Rostami, M Mohsenzade, N Falahati, MR Hafezi Ahmadi. *Journal of Basic Research in Medical Sciences* 3 (1), 31-38.

Exercise training attenuates diabetes-induced cardiac injury through increasing miR-133a and improving pro-apoptosis/antiapoptosis balance in ovariectomized rats. Parisa Habibi, Alireza Alihemmati, Nasser Ahmadiasl, Abolfazl Fateh, Enayat Anvari. *Iran J Basic Med Sci*, Vol. 23, No. 1, Jan 2020.

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## Congresses

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Poster presentation. 18th Congress on Physiology and Pharmacology in Mashhad University of Medical Sciences.

Oral presentation. 21th Congress on Physiology and Pharmacology in Tabriz University of Medical Sciences.

IBRO school course (2011, Tehran, Iran).

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## Research Projects

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Assessment of the effect of Cuscuta Pentagona on ileum and colon contractility in male rat as in vivo and in vitro.

Assessment of the role of insulin signaling pathway in nucleus tractus solitaries on baroreceptor reflex sensitivity, cardiovascular parameters and structural changes following chronic consumption of high fructose solution in male rats.

Evaluation of exercise training on pro-apoptosis/antiapoptosis in ovariectomized diabetes-induced cardiac injury rats.

Fructose feeding and complications of diabetes: a Systematic Review and Meta-Analysis.

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### **Reviewer duties in Journals**

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Journal of Ilam University of Medical sciences (from 2015 to 2020)

Journal of Basic Research in Medical Sciences (from 2015 to 2020)

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