

Curriculum Vitae of Hossein Fallah



CONTACT INFORMATION:

Name: Hossein Fallah

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PERSONAL INFORMATION:

Date of Birth: 23/8/1980

Place of Birth: Torbat Heydarieh

Sex: Male

Marital Status: Married

Children: One

Work History:

1. Assistant Professor of Clinical Biochemistry, Kerman University of Medical Sciences, 2013-Current
2. Director of Education Office, Afzalipour School of Medicine, 2016-Current
3. The Manager of committee of Electronic Education, Afzalipour School of Medicine, 2016-Current

Education:

B.Sc.: Biology, Golestan University, Goragan, Iran, 2005

M.Sc.: Clinical Biochemistry, Kerman University of Medical Sciences, Kerman, Iran, 2008

Ph.D.: Clinical Biochemistry, Kerman University of Medical Sciences, Kerman, Iran, 2013

Skills:

1. PCR and qPCR
2. Gene Expression
3. Western Blotting
4. Chromatography (Gas, paper, Thin layer)
5. Nucleic Acid Extraction
6. Cell Culture

INTERESTS

1. Metabolic Syndrome
2. Diabetes
3. Molecular Genetic
4. Cancer
5. Signal Transduction
6. Drug Resistance
7. Fatty Acids

Lectures:

1. Inborn Error of Metabolism for Ph.D Students of Clinical Biochemistry
2. Biochemistry of Biological Membrane for Ph.D Students of Clinical Biochemistry
3. Cancer Biochemistry for Ph.D Students of Clinical Biochemistry
4. Clinical Biochemistry for M.Sc. Students of Clinical Biochemistry
5. Biochemistry of Molecular Diagnostic for M.Sc. Students of Clinical Biochemistry

6. Advanced Biochemistry of Tissues for M.Sc. Students of Clinical Biochemistry
7. Biochemistry 1 and 2 for Medicine Students
8. Biochemistry for M.Sc. Students of Medical Physiology
9. Biochemistry for M.Sc. Students of Immunology
10. Basic Biochemistry for Pharmacy Students
11. Clinical Biochemistry for Pharmacy Students
12. Biochemistry 1 and 2 for Dentistry student
13. General Biochemistry for Laboratory Sciences Students
14. Biochemistry 1 and 2 for Laboratory Sciences Students
15. Practical Biochemistry for Medicine, Pharmacy Dentistry and Laboratory Sciences Students
16. Biochemistry for Paramedical Students
17. Clinical Biochemistry for M.Sc. Students
18. Clinical Biochemistry for Ph.D. Students
19. Drug metabolism for Ph.D. Students
20. Virtual Education for Medical and Dental Students

Abstracts and Papers in Congresses:

- 1) Evaluation of anti mannosidase activity of 200 plant Extract (target enzyme for cancer therapy), International Congress of Biochemistry, Shiraz, Iran, 2007
- 2) Evaluation of anti hyperglycemic activity of some plants Due to inhibitory of alpha glucosidase, International Congress of Biochemistry, Shiraz, Iran, 2007
- 3) kinetic study of 7 plants extract active against alpha glucosdase, International Congress of Biochemistry, Shiraz, Iran, 2007
- 4) Anti hyperglycemic activity of 5 plant extracts effective against alpha glucosidase in normal and diabetic rats, LabMed Congress, Helsinki, Finland, 2008
- 5) Effect of *Zataria multiflora* on insulin resistance and PPAR- γ gene expression in high fructose fed rats National Congress of Biochemistry, Yazd, Iran, 2013

- 6) Study of sub-acute toxicity of methanolic extract from *rosa damascena* flowers, International Congress of Pharmaceutical Sciences, Kerman, Iran, 2008
- 7) inhibitory effect of Levisticum officinale extract on Alpha glucosidase activity and postprandial hyperglycemia in diabetic rats, International Congress of Pharmaceutical Sciences, Kerman, Iran, 2008
- 8) study of simvastatin-pioglitazone combination therapy on insulin resistance and PPAR. γ gene expression in insulin resistant rats, congress of Laboratory and clinic, Tehran, Iran, 2016
- 9) Improvement of topotecan sensitivity of MCF-7 breast cancer cell line by inhibition of IL1 signaling cascade, congress of Laboratory and clinic, Tehran, Iran, 2017
- 10) Inhibition of IL.1 signaling cascade can increase methotrexate sensitivity of MCF7 breast cancer cell line, congress of Laboratory and clinic, Tehran, Iran, 2017

Papers in Journals:

1. Gholamhoseinian A, **Fallah H**, Sharifi-Far F, Mirtajaddini M. Alpha mannosidase inhibitory effect of some Iranian plant extracts. Int J Pharmacol. 2008;4.
2. GHOLAMHOSEINIAN A, **FALLAH H**, SHARIFIFAR F, MIRTAJADDINI M. the inhibitory effect of some iranian plants extracts on the alpha glucosidase. Iran J Basic Med Sci. 2008;11:1–9.
3. Gholamhoseinian A, **H.Fallah**, F.Sharififar. Anti-hyperglycemic Activity of Four Plants Extracts Effective against Alpha Glucosidase in Normal and Diabetic Rats. J Kerman Univ Med Sci. 2009;16:35–44.
4. Gholamhoseinian A, **H.Fallah**, F.Sharififar. Inhibitory effect of methanol extract of Rosa damascena Mill. flowerson a-glucosidase activity and postprandial hyperglycemia in normal and diabetic rats. Phytomedicine. 2009;16:935–41.
5. Gholamhoseinian A, **Fallah H**. Zataria multiflora increases insulin sensitivity and PPAR γ gene expression in high fructose fed insulin resistant rats. Iran J Basic Med Sci. 2014;17:263–70.
6. Mohammadi A, **Fallah H**, Gholamhosseinian A. Antihyperglycemic Effect of Rosa Damascena is Mediated by PPAR. γ Gene Expression in Animal Model of Insulin Resistance. Iran J Pharm Res. 2017;16:1080–8.
7. Fallah H, Akbari H, Abolhassani M, Mohammadi A, Gholamhosseinian A. Berberis integerrima ameliorates insulin resistance in high-fructose-fed insulin-resistant rats. Iran J Basic Med Sci. 2017;20.
8. Mohammadi A, **Fallah H**, Shahouzehi B, Najafipour H. miR-33 inhibition attenuates the effect of liver X receptor agonist T0901317 on expression of liver X receptor alpha in mice liver. ARYA

Atheroscler. 2017;13.

9. Mohammadi GA, Danesh B, **Fallah H**, Rahemi S. The effect of co-administration of Pioglitazone and simvastatin on insulin resistance parameters and PPAR. γ expression in insulin-resistant rats. J Kerman Univ Med Sci. 2017;24.

10. Mirzaie M, Karimi M, **Fallah H**, Khaksari M, Nazari-Robat M. Downregulation of Matrix Metalloproteinases 2 and 9 is Involved in the Protective Effect of Trehalose on Spinal Cord Injury. Int J Mol Cell Med. 2018;7:1–9.

11. Mohammadi A, **Fallah H**, Shahouzehi B, Najafipour H. Effect of LXR agonist T0901317 and miR-33inhibitor on SIRT1-AMPK and circulating HDL-C levels. Bulg Chem Commun. 2018;50.

12. **Fallah H**, Khorasani S, Mohammadi A, Azizi MH, Barzegar M, Hamidi Z. Impact of Gamma Irradiation on Fatty Acid Profile of Different Types of Pistachios in Kerman Province. J Agric Sci Technol. 2018;20:1407–16.

13. Rajaie A, Allahyari M, Nazari-Robati M, **Fallah H**. Inhibition of Interleukin-1 Receptor-Associated Kinases 1/4, Increases Gene Expression and Serum Level of Adiponectin in Mouse Model of Insulin Resistance. Int J Mol Cell Med. 2018

14. Danesh B, Mohammadi A, **Fallah H**, Allahyari M. The Effects of Simvastatin on Free Fatty Acids Profile in Fructose-fed Insulin Resistant Rats. J Kerman Univ Med Sci. 2018;25:405–13.

15. Abolhassani M, Asadikaram G, Paydar P, **Fallah H**. Ecotoxicology and Environmental Safety Organochlorine and organophosphorous pesticides may induce colorectal cancer ; A case-control study. Ecotoxicol Environ Saf. Elsevier Inc.; 2019;178:168–77.

16. Paydar P, Asadikaram G, Nejad HZ, Akbari H, Abolhassani M, Moazed V, Nematollahi M, Ebrahimi G, **Fallah H**. Epigenetic modulation of BRCA-1 and MGMT genes, and histones H4 and H3 are associated with breast tumors. J Cell Biochem. 2019;120:13726–36.

17. Mortazavi N, Kamalati A, Pakmanesh H, Dadgar R, Moazed V, Payedar P, **Fallah H**, Abolhassani M Organochlorine and organophosphorus pesticides and bladder cancer : A case - control study. J Cell Biochem. 2019;1–13.

18. Paydar P, Asadikaram G, **Fallah H**, Zeynali H, Hamed N. Serum levels of Organochlorine Pesticides and Breast Cancer Risk in Iranian Women. Arch Environ Contam Toxicol [Internet]. Springer US; 2019; Available from: <https://doi.org/10.1007/s00244-019-00648-3>