

CURRICULUM VITAE



1. Personal Data:

Mohammad Fathalipour

Date of Birth: September 21, 1989
Marital status: Married

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Department of Pharmacology and Toxicology,
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1. Educational Background:

- **Ph.D.**, Department of Pharmacology, Shiraz University of Medical Sciences, Shiraz, Iran. 2014-2019
 - *Thesis title:*
Effect of ACAF6 (C6)- and ACAF12 (C12)- caffeic acid amide derivatives on retinal neurodegeneration in STZ-induced diabetic rats
- **Pharm.D.**, Faculty of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran. 2008-2014
 - *Thesis title:*
MIC Determination of methanolic extract of 5 medicinal plants against 8 bacterial strain using agar dilution and use of growth indicator of resazurin and phytochemical screening of the active plant

2. Published papers:

1. Fathi F, Ameri A, Safa O, Hassaniazad M, **Fathalipour** M. Evaluation of short-term adverse events of COVID-19 vaccines: An observational study. *Medicine (Baltimore)*. 2024;103(8):e35549.
2. Ameri A, Pourseyedi F, Davoodian P, Safa O, Hassanipour S, **Fathalipour** M. Efficacy and safety of deferoxamine in moderately ill COVID-19 patients: An open label, randomized controlled trial. *Medicine (Baltimore)*. 2024;103(34):e39142.
3. Ameri A, Farashahinejad M, Davoodian P, Safa O, Hassaniazad M, Parsaii M, et al. The efficacy and safety of ginger (*Zingiber officinale*) rhizome extract in outpatients with COVID-19: A randomized double-blind placebo-control clinical trial. *Medicine (Baltimore)*. 2024;103(22):e38289.
4. Mowlazadeh Haghighi S, **Fathalipour** M, Abbasi M, Purkhosrow A, Oftadehgan S, Khalafi-Nezhad A, et al. Synthesis, Evaluation of Vasorelaxant Activity, and Molecular Docking of Pyranopyrazole Derivatives as Calcium Channel Blockers. *Trends in Pharmaceutical Sciences*. 2023;9(2).
5. Malektojari A, Ghazizadeh S, Ersi MH, Brahimi E, Hassanipour S, **Fathalipour** M, et al. Efficacy and safety of ivermectin in patients with mild and moderate COVID-19: A randomized controlled trial. *Asian Pacific Journal of Tropical Medicine*. 2023;16(1):3-8.
6. Mahmoodi H, **Fathalipour** M, Sheybani-Arani MH, Piroozan A. Analysis of the educational needs for English in pharmacy: The perspectives of Pharmacy School lecturers and students. *Res Dev*. 2023;12(17):17.
7. Asadi S, Babaei M, **Fathalipour** M, Moradi O. A Narrative Review on Smoking Cessation Pharmacotherapy. *Tobacco and Health*. 2023;2(4):155-62.
8. Ameri A, Frouz Asadi M, Ziaei A, Vatankhah M, Safa O, Kamali M, et al. Efficacy and safety of oral melatonin in patients with severe COVID-19: a randomized controlled trial. *Inflammopharmacology*. 2023;31(1):265-74.
9. Ameri A, Farashahinejad M, Davoodian P, Safa O, Kusha A, Dadvand H, et al. Efficacy and safety of licorice (*Glycyrrhiza glabra*) in moderately ill patients with COVID-19: a randomized controlled trial. *Inflammopharmacology*. 2023;31(6):3037-45.

10. Rayej E, Ranjbar KJ, Pakravan D, Asl AS, **Fathalipour M**, Alizade H. Tobacco Use, the Missing Cause of Drug Interaction: A Narrative Literature Review. *Tobacco and Health*. 2022;1(2):94-9.
11. Mansour-Ghanaei F, Masihpour B, **Fathalipour M**, Hassanipour S, Sokhanvar H, Mansour-Ghanaei A, et al. The Efficacy, Safety, and Tolerability of Levofloxacin Quadruple Therapy for Helicobacter pylori Eradication: A Randomized, Double-Blind Clinical Trial. *Evid Based Complement Alternat Med*. 2022;2022:9794901.
12. Hassanipour S, Arab-Zozani M, Amani B, Heidarzad F, **Fathalipour M**, Martinez-de-Hoyo R. The efficacy and safety of Favipiravir in treatment of COVID-19: a systematic review and meta-analysis of clinical trials (vol 11, 11022, 2021). *SCIENTIFIC REPORTS*. 2022;12(1).
13. Hassanipour S, Arab-Zozani M, Amani B, Heidarzad F, **Fathalipour M**, Martinez-de-Hoyo R. Addendum: The efficacy and safety of Favipiravir in treatment of COVID-19: a systematic review and meta-analysis of clinical trials. *Sci Rep*. 2022;12(1):1996.
14. Hassaniazad M, Farshidi H, Gharibzadeh A, Bazram A, Khalili E, Noormandi A, et al. Efficacy and safety of favipiravir plus interferon-beta versus lopinavir/ritonavir plus interferon-beta in moderately ill patients with COVID-19: A randomized clinical trial. *J Med Virol*. 2022;94(7):3184-91.
15. **Fathalipour M**, Alimohamadi Y, Mirmohammadlou A, Sepandi M. Spatio-temporal analysis of diabetes in the Iranian military community during the period. *Romanian Journal of*. 2022;125(2):318.
16. **Fathalipour M**, Alimohamadi Y, Mirmohammadlou A, Sepandi M. Spatio-temporal Analysis of Myocardial Infarction in an Iranian Military Community During the Period 2015-2018. *Journal Mil Med*. 2022;24(1):1024-33.
17. Doostkam A, **Fathalipour M**, Anbardar MH, Purkhosrow A, Mirkhani H. Research Article Therapeutic Effects of Milk Thistle (*Silybum marianum L.*) and Artichoke (*Cynara scolymus L.*) on Nonalcoholic Fatty Liver Disease in Type 2 Diabetic Rats. *Can J Gastroenterol Hepatol*. 2022.
18. Doostkam A, **Fathalipour M**, Anbardar MH, Purkhosrow A, Mirkhani H. Therapeutic Effects of Milk Thistle (*Silybum marianum L.*) and Artichoke (*Cynara scolymus L.*) on Nonalcoholic Fatty Liver Disease in Type 2 Diabetic Rats. *Can J Gastroenterol Hepatol*. 2022;2022:2868904.

19. Amirizadeh M, Sarvestani FS, Khorrami F, Safa O, Davoodian P, Hassaniazad M, et al. Efficacy of lopinavir/ritonavir plus interferon beta compared to hydroxychloroquine in the treatment of COVID-19: A retrospective observational study. *Advances in Human Biology*. 2022.
20. Sisakht M, Solhjoo A, Mahmoodzadeh A, **Fathalipour** M, Kabiri M, Sakhteman A. Potential inhibitors of the main protease of SARS-CoV-2 and modulators of arachidonic acid pathway: Non-steroidal anti-inflammatory drugs against COVID-19. *Comput Biol Med*. 2021;136:104686.
21. Hosseini FS, Malektojari A, Ghazizadeh S, Hassaniazad M, Davoodian P, Dadvand H, et al. The efficacy and safety of Ivermectin in patients with mild and moderate COVID-19: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2021;22(1):4.
22. Hassanipour S, Sepandi M, Tavakkol R, Jabbari M, Rabiei H, Malakoutikhah M, et al. Epidemiology and risk factors of needlestick injuries among healthcare workers in Iran: a systematic reviews and meta-analysis. *Environmental Health and Preventive Medicine*. 2021;26(1):1-16.
23. Hassaniazad M, Eftekhari E, Inchehsablagh BR, Kamali H, Tousi A, Jaafari MR, et al. A triple-blind, placebo-controlled, randomized clinical trial to evaluate the effect of curcumin-containing nanomicelles on cellular immune responses subtypes and clinical outcome in COVID-19 patients. *Phytother Res*. 2021;35(11):6417-27.
24. Gholaminejad A, **Fathalipour** M, Roointan A. Comprehensive analysis of diabetic nephropathy expression profile based on weighted gene co-expression network analysis algorithm. *BMC Nephrol*. 2021;22(1):245.
25. Ameri A, Asadi MF, Kamali M, Vatankhah M, Ziaei A, Safa O, et al. Evaluation of the effect of melatonin in patients with COVID-19-induced pneumonia admitted to the Intensive Care Unit: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2021;22(1):194.
26. Ziaei A, Davoodian P, Dadvand H, Safa O, Hassanipour S, Omid M, et al. Evaluation of the efficacy and safety of Melatonin in moderately ill patients with COVID-19: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2020;21(1):882.

27. Safa O, Khorami F, Javedan G, Zarei H, **Fathalipour** M. Analysis, design, and setup of controlled drugs monitoring system (San-Tech). *Journal of Modern Medical Information Sciences*. 2020;6(4):73-7.
28. Safa O, HassaniAzad M, Farashahinejad M, Davoodian P, Dadvand H, Hassanipour S, et al. Effects of Ginger on clinical manifestations and paraclinical features of patients with Severe Acute Respiratory Syndrome due to COVID-19: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2020;21(1):1-2.
29. Safa O, Hassani-Azad M, Farashahinejad M, Davoodian P, Dadvand H, Hassanipour S, et al. Effects of Licorice on clinical symptoms and laboratory signs in moderately ill patients with pneumonia from COVID-19: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2020;21(1):790.
30. Roointan A, Kamali-Kakhki R, **Fathalipour** M, Hashemi Z, Zarshenas MM, Soleimani M, et al. Antibacterial Activity of Prunus Scoparia Root Methanol Extract against Most Common Burn Wound Pathogens. *Iranian Journal of Medical Sciences*. 2020.
31. Nowrouzi-Sohrabi P, Hassanipour S, Sisakht M, Daryabeygi-Khotbehsara R, Savardashtaki A, **Fathalipour** M. The effectiveness of pistachio on glycemic control and insulin sensitivity in patients with type 2 diabetes, prediabetes and metabolic syndrome: A systematic review and meta-analysis. *Diabetes & metabolic syndrome*. 2020;14(5):1589-95.
32. Noormandi A, **Fathalipour** M, Daryabeygi-Khotbehsara R, Hassanipour S. The efficacy and safety of interferons for the treatment of patients with COVID-19: protocol for systematic review and meta-analysis of controlled trials. *Health Technology Assessment in Action*. 2020.
33. Mirahmadizadeh A, **Fathalipour** M, Mokhtari AM, Zeighami S, Hassanipour S, Heiran A. Corrigendum to "The prevalence of undiagnosed type 2 diabetes and prediabetes in Eastern Mediterranean region (EMRO): A systematic review and meta-analysis"[*Diabet. Res. Clin. Pract.* 160 (2020) 107931]. *Diabetes Research and Clinical Practice*. 2020.
34. Mirahmadizadeh A, **Fathalipour** M, Mokhtari AM, Zeighami S, Hassanipour S, Heiran A. The prevalence of undiagnosed type 2 diabetes and prediabetes in Eastern Mediterranean region (EMRO): A systematic review and meta-analysis. *Diabetes Res Clin Pract.* 2020;160:107931.

35. Mansour-Ghanaei F, Joukar F, Naghipour M, Hassanipour S, Yeganeh S, Sepehrimanesh M, et al. Epidemiologic profile of viral hepatitis B and C in North of Iran: Results from PERSIAN Guilan Cohort Study (PGCS). BMC Research Notes. 2020.
36. Hassanipour S, Delam H, Arab-Zozani M, Abdzadeh E, Hosseini SA, Nikbakht HA, et al. Survival Rate of Prostate Cancer in Asian Countries: A Systematic Review and Meta-Analysis. Ann Glob Health. 2020;86(1):2.
37. Hassaniazad M, Inchehsablagh BR, Kamali H, Tousi A, Eftekhar E, Jaafari MR, et al. The clinical effect of Nano micelles containing curcumin as a therapeutic supplement in patients with COVID-19 and the immune responses balance changes following treatment: A structured summary of a study protocol for a randomised controlled trial. Trials. 2020;21(1):1-3.
38. Hassaniazad M, Bazram A, Hassanipour S, **Fathalipour** M. Evaluation of the efficacy and safety of favipiravir and interferon compared to lopinavir/ritonavir and interferon in moderately ill patients with COVID-19: a structured summary of a study protocol for a randomized controlled trial. Trials. 2020;21(1):886.
39. **Fathalipour** M, Mahmoodzadeh A, Safa O, Mirkhani H. Puerarin as potential treatment in diabetic retinopathy. Journal of Herbmед Pharmacology. 2020;9(2).
40. **Fathalipour** M, Fathalipour H, Safa O, Nowrouzi-Sohrabi P, Mirkhani H, Hassanipour S. The Therapeutic Role of Carotenoids in Diabetic Retinopathy: A Systematic Review. Diabetes Metab Syndr Obes. 2020;13:2347-58.
41. **Fathalipour** M, Delnavazi M-R, Safa O, Zarifinia N, Rafiee B. Antioxidant and antinociceptive effects of hydroalcoholic root extract of *Asparagus officinalis* L. Physiology & Pharmacology. 2020;24(4).
42. Faezi G, Moghadam MS, Shadmehri S, **Fathalipour** M. The effect of 4 weeks high-intensity interval training (HIIT) on the content of downstream and upstream mTORC1 pathways gastrocnemius muscle of type 2 diabetic rats. MEDICAL SCIENCES. 2020.
43. Sarkoohi P, **Fathalipour** M, Ghasemi F, Javidnia K, Emamghoreishi M. Antidepressant effects of the aqueous and hydroalcoholic extracts of *Salvia mirzayanii* and *Salvia macrosiphon* in male mice. Shiraz E Medical Journal. 2019;21(2).
44. Mansour-Ghanaei F, Samadi A, Joukar F, Fakheri HT, Hassanipour S, Ashoobi MT, et al. Efficacy and tolerability of fourteen-day sequential quadruple regimen: pantoprazole, bismuth, amoxicillin, metronidazole and or furazolidone as first-line therapy for

eradication of *Helicobacter pylori*: a randomized, double-blind clinical trial. *EXCLI journal*. 2019;18:644.

45. Khalili A, Alipour S, **Fathalipour** M, Purkhosrow A, Mashghoolozekr E, Bayat G, et al. Liposomal and Non-Liposomal Formulations of Vitamin C: Comparison of the Antihypertensive and Vascular Modifying Activity in Renovascular Hypertensive Rats. *Iranian Journal of Medical Sciences*. 2019.
46. Hassanipour S, Namvar G, **Fathalipour** M, Ghorbani M, Abdzadeh E, Zafarshampour S. The incidence of brain tumours in Iran: A systematic review and meta-analysis. *Advances in Human Biology*. 2019;9(1).
47. Hassanipour S, Mohammadzadeh M, Mansour-Ghanaei F, **Fathalipour** M, Joukar F, Salehiniya H, et al. The Incidence of Hepatocellular Carcinoma in Iran from 1996 to 2016: a Systematic Review and Meta-analysis. *J Gastrointest Cancer*. 2019;50(2):193-200.
48. Hassanipour S, **Fathalipour** M, Delam H, Ghorbani M, Abdzadeh E, Arab-Zozani M, et al. The Incidence of Childhood Cancer in Iran: A systematic review and meta-analysis. *Iranian Journal of Pediatric Hematology and Oncology*. 2019;9(3):193-206.
49. Hassanipour S, Delam H, **Fathalipour** M, Sharifi M, Abdzadeh E, Fouladseresht H, et al. The Incidence of Bladder Cancer in Iran: A Systematic Review and Meta-Analysis. *WORLD CANCER RESEARCH JOURNAL*. 2019;6:e1222.
50. Hashemi-Taklimi MS, Shabani M, Shadmehri S, Sherafati-Moghadam M, **Fathalipour** M. The effect of 4 weeks High-Intensity Interval Training (HIIT) on the content of PPAR γ and PRDM16 in adipose tissue of diabetic obese male rats. *KAUMS Journal (FEYZ)*. 2019;23(4):389-97.
51. **Fathalipour** M, Mirkhani H, Goharinia M. Effect of allopurinol and benzbromarone on diabetic cardiomyopathy and vasculopathy in streptozotocin-induced diabetic rats. *Physiology and Pharmacology*. 2019;23(1):1-8.
52. **Fathalipour** M, Eghtedari M, Borges F, Silva T, Moosavi F, Firuzi O, et al. Caffeic Acid Alkyl Amide Derivatives Ameliorate Oxidative Stress and Modulate ERK1/2 and AKT Signaling Pathways in a Rat Model of Diabetic Retinopathy. *Chemistry & biodiversity*. 2019;16(12):e1900405.
53. Behrouz S, Rad MNS, Shahraki BT, **Fathalipour** M, Behrouz M, Mirkhani H. Design, synthesis, and in silico studies of novel eugenol propanol azole derivatives having potent antinociceptive activity and evaluation of their β -adrenoceptor blocking property. *Molecular diversity*. 2019;23(1):147-64.

54. Asgharnezhad M, Joukar F, **Fathalipour** M, Khosousi M, Hassanipour S, Pourshams A, et al. Gastrointestinal symptoms in patients with diabetes mellitus and non-diabetic: A cross-sectional study in north of Iran. *Diabetes & metabolic syndrome*. 2019;13(3):2236-40.
55. Salehiniya H, Hassanipour S, Mansour-Ghanaei F, Mohseni S, Joukar F, Abdzadeh E, et al. The incidence of esophageal cancer in Iran: A systematic review and meta-analysis. *Biomedical Research and Therapy*. 2018;5(7):2493-503.
56. Mokhtari AM, Riahi S, **Fathalipour** M, Delam H, Hashemnejad M, Hassanipour S. The age-standardized rate of female genital cancers in Iran: a systematic review and meta-analysis. *Journal of hayat*. 2018:204-19.
57. Hassanipour S, Namvar G, **Fathalipour** M, Salehiniya H. The incidence of kidney cancer in Iran: a systematic review and meta-analysis. *Biomedicine (Taipei)*. 2018;8(2):9.
58. Hassanipour S, **Fathalipour** M, Salehiniya H. The incidence of prostate cancer in Iran: a systematic review and meta-analysis. *Prostate Int*. 2018;6(2):41-5.
59. Hassanipour S, Mokhtari A, **Fathalipour** M, Salehiniya H. The incidence of lung cancer in Iran: A systematic review and meta-analysis. *World Cancer Research Journal*. 2017;4(4):e980.
60. Hassanipour Azgomi S, **Fathalipour** M, Daryabeigi Khotbesara R. Prevalence of obesity and overweight in students of Tehran University of medical sciences in 2015. *Journal of Torbat Heydariyeh University of Medical Sciences*. 2017;4(4):40-5.

3. Teaching Experiences

- Basic and Clinical Pharmacology, Pharmacy, Hormozgan University of Medical Sciences, Bandar Abbas.
- Pharmacology Laboratory, Pharmacy, Hormozgan University of Medical Sciences, Bandar Abbas.
- Basic and Clinical Pharmacology, Medicine, Hormozgan University of Medical Sciences, Bandar Abbas.
- Basic and Clinical Pharmacology, Medicine, Islamic Azad University of Kazeroon.
- Pharmacology, Clinical Nutrition, School of Nutrition and Food Sciences, Shiraz.
- Pharmacology, Health Information Technology, School of Management and Medical Information Sciences, Shiraz.
- Pharmacology, Emergency Medicine, School of Nursing and Midwifery, Shiraz.
- Principle of Pharmacology, Anesthesiology, School of Nursing and Midwifery, Estahban.
- Advanced Pharmacology, Anesthesiology, School of Nursing and Midwifery, Estahban.
- Pharmacology, Laboratory Sciences, School of Paramedical Sciences, Estahban.
- Pharmacology, Clinical Nutrition, School of Nutrition and Food Sciences, Sepidan.

4. Executive Activities:

- Dean of Faculty Pharmacy, Hormozgan University of Medical Sciences, Bandar Abbas. 2023-present.
- Supervision Director of Medicines and narcotic affairs, Hormozgan University of Medical Sciences, Bandar Abbas. 2022-2023
- Vice Chancellor for Education, Faculty Pharmacy, Hormozgan University of Medical Sciences, Bandar Abbas. 2020-2023
- Head of department of Pharmacology and Toxicology, Faculty Pharmacy, Hormozgan University of Medical Sciences, Bandar Abbas. 2019-present.
- Member of Research Committee, Shiraz University of Medical Sciences. 2015-2016.
- Member of Students' Representative Council. Shiraz University of Medical Sciences. 2016.
- Member of Students' Union. Shiraz University of Medical Sciences. 2015.
- Member of Executive Committee, The 4th summer schools of Shiraz University of Medical Sciences. 2015.

5. Workshops

- PCR principals, Shiraz University of Medical Sciences, Shiraz, Iran. 2023.
- SDS-PAGE and Western Blotting, Shiraz University of Medical Sciences, Shiraz, Iran. 2022.

- Principals of Primer Design, Shiraz University of Medical Sciences, Shiraz, Iran. 2021.
- Real-Time PCR, Shiraz University of Medical Sciences, Shiraz, Iran. 2020.
- Principals of animal cell culture, Shiraz University of Medical Sciences, Shiraz, Iran. 2019.
- References management, Shiraz University of Medical Sciences, Shiraz, Iran. 2019.
- Academic writing, Shiraz University of Medical Sciences, Shiraz, Iran. 2019.
- Academic Searching, Shiraz University of Medical Sciences, Shiraz, Iran. 2019.
- Research Methodology in Medical Sciences, Kerman University of Medical Sciences, Kerman, Iran. 2018.
- Proposal Writing, Kerman University of Medical Sciences, Kerman, Iran. 2017.

6. Skills:

6.1 Laboratory Techniques:

- Enzyme assay
- Electrophoresis (SDS-PAGE,)
- Western blotting
- Cell culture
- Cell viability assays
- Animal model
- *Ex vivo* study
- Animal handling

6.2 Laboratory Instruments:

- Langendorff apparatus (ML176-V; ADInstruments, New South Wales, Australia).
- Organ bath apparatus (K30, Hugo Saches Elektronik).
- RetiScan RetiPort electrophysiology apparatus (RETI-port/scan21; Roland Consult, Germany) .
- Gel Doc 1000 Documentation System (Bio-Rad Laboratories, Inc., Hercules, CA).
- Tail-Flick apparatus (Sanat Azma, Iran).
- Hot plate apparatus (Sanat Azma, Iran).
- Rotary evaporator.—Model R110 (Brinkmann Instruments Inc., Westbury, NY).

6.3 Computer Skills:

- SPSS 21

- GraphPad Prism 7
- sigmaPlot 13
- Endnote X7
- Gene tools
- Lab chart 5
- Microsoft Office (Word, Power point, Excel)

7.4 language:

- English, Persian.

References

- Hossein Mirkhani, Professor of Pharmacology, Shiraz University of Medical Sciences.
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