

دکتر محمد شیبانی

استادیار گروه آموزشی فارماکولوژی



ایمیل: Sheibany.m@iums.ac.ir

تلفن: 02188623124

دورنگار: ۰۲۱۸۸۶۲۲۹۶۹

تحصیلات: دکترای پزشکی عمومی از دانشگاه علوم پزشکی شهید بهشتی

PhD فارماکولوژی از دانشگاه علوم پزشکی تهران

مسئولیتها: عضو شورای پژوهشی دانشکده پزشکی، عضو شورای تحصیلات تکمیلی دانشکده پزشکی و مسئول تحصیلات تکمیلی گروه فارماکولوژی، عضو شورای پژوهشی مرکز تحقیقات دارویی رازی، ویراستار علمی و استاد راهنمای مجله مدیر، استاد مشاور آموزشی دانشجویان پزشکی

فعالیت‌های آموزشی:

1. تدریس فارماکولوژی به رشته‌های پرستاری، مامایی، توانبخشی، شنوایی سنجی، بینایی سنجی، داروسازی، هوشبری، اتاق عمل، علوم آزمایشگاهی و پزشکی
2. شرکت در 170 کارگاه علمی توانمندسازی و آموزشی اعضای هیئت علمی
3. همکاری در چندین پایان نامه دکترای فارماکولوژی و پزشکی عمومی به عنوان استاد راهنما یا مشاور

فعالیتهای پژوهشی:

1. چاپ بیش از 30 مقاله در مجلات معتبر بین المللی:

1. Lithium reverses the effect of opioids on eNOS/nitric oxide pathway in human umbilical vein endothelial cells (Molecular Biology Reports)
2. Protective effect of dapsone against renal ischemia-reperfusion injury in rat (Immunopharmacology and immunotoxicology), 2019
3. Glatiramer acetate attenuates renal ischemia reperfusion injury in rat model (Experimental and Molecular Pathology), 2019
4. Protective Effects of Spermidine against Cirrhotic Cardiomyopathy in Bile Duct-Ligated Rats (Journal of Cardiovascular Pharmacology), 2020
5. Cardioprotective effects of dapsone against doxorubicin-induced cardiotoxicity in rats (Cancer Chemotherapy and Pharmacology), 2020
6. Glatiramer acetate treatment inhibits inflammatory responses and improves survival in a mice model of cecal ligation and puncture-induced sepsis (Journal of Basic and Clinical Physiology and Pharmacology), 2019
7. Involvement of nNOS, and $\alpha 1$, $\alpha 2$, $\beta 1$, and $\beta 2$ subunits of soluble guanylyl cyclase genes expression in anticonvulsant effect of sumatriptan on pentylenetetrazole-induced seizure in mice (Iranian Journal of Pharmaceutical Research), 2020
8. The protective effects of curcumin and curmumin nanomicelle against cirrhotic cardiomyopathy in bile duct-ligated rats (Nanomedicine Journal), 2020
9. Drug Repositioning: A Review (Journal of Iranian Medical Council), 2018
10. Herbal Medicines and Other Traditional Remedies in Iran – A Tragedy Unfolds, ARCHIVES OF RANIAN MEDICINE, 2018
11. Sumatriptan protects against myocardial ischaemia-reperfusion injury by inhibition of inflammation in rat model, Inflammopharmacology, 2019
12. Phytochemical screening of Alstonia venenata leaf and bark extracts and their antimicrobial activities, Cellular and Molecular Biology, 2019
13. Current models for predicting drug-induced cholestasis: The role of hepatobiliary transport system, IJPR, 2019

14. The Protective Effect of Dapsone Against Ethanol, Stress, and Indomethacin-Induced Gastric Erosion in Rats, *Acta medica iranica*, 2021
15. The Protective Effect of Dapsone Against Ethanol, Stress, and Indomethacin-Induced Gastric Erosion in Rats, *Acta medica iranica*, 2021
16. AC-Mode of Chemotherapy as a Trigger of Cardiac Syndrome X: A Case Study, *Current problem in cardiology*, 2021
17. Evaluation of Anti-inflammatory and Antioxidant Effects of Sumatriptan on Carbon Tetrachloride-induced Hepatotoxicity in Rats, *Drug research*, 2021
18. A journey in anthracycline-induced cardiotoxicity with emphasizing on doxorubicin: a review article, 2021, *Tehran University Medical Journal*
19. Therapeutic Effects of Hydroalcoholic Extracts from the Ancient Apple *Mela Rosa dei Monti Sibillini* in Transient Global Ischemia in Rats, *Pharmaceuticals*, 2021
20. Protective Effects of Sumatriptan on Renal Ischemia-reperfusion Injury in Male Rats, 2021
21. Urotensin-II As a Promising Key-Point of Cardiovascular Disturbances Sequel, *Current problem in cardiology*, 2021
22. Assessment of Sumatriptan on Sepsis-Induced Kidney injury in the Cecal Ligation and Puncture Mice Model, *Drug Research*, 2022
23. Protective effect of dapsone against bleomycin-induced lung fibrosis in rat, *Experimental and Molecular Pathology*, 2021
24. A comprehensive insight into the anti-inflammatory properties of dapsone, *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2022
25. Lithium and Erectile Dysfunction: An Overview, *Cells*, 2022
26. Evaluation of anti-inflammatory effects of leaf and seed extracts of *Plantago major* on acetic acid-induced ulcerative colitis in rats, *Ethnopharmacology*, 2022
27. Doxorubicin-Induced Cardiotoxicity: An Overview on Pre-clinical Therapeutic Approaches, *Cardiovascular Toxicology*, 2022
28. HIV-Related Atherosclerosis: State-of-the-Art-Review, *Current problem in cardiology*, 2023
29. Orexin receptor antagonists in the pathophysiology and treatment of sleep disorders and epilepsy, *Neuropeptides*, 2023
30. Spermidine reduced neuropathic pain in chronic constriction injury-induced peripheral neuropathy in rats, *Fundamental and clinical pharmacology*, 2023

31. Melatonin and bone-related diseases: an updated mechanistic overview of current evidence and future prospects, Osteoporosis International, 2023

2. داوری علمی، مالی، متدولوژی و اخلاقی بیش از 50 طرح تحقیقاتی در دانشگاه علوم پزشکی ایران
3. مشارکت و همکاری در 14 طرح تحقیقاتی
4. داور رقابت علمی کنز متعلق به بنیاد مصطفی (ص)
5. داور شانزدهمین کنگره بین المللی ایمونولوژی و الرژی
6. داوری عملی بیش از 20 مقاله بین المللی