

BMU PUBLICATIONS OF YEAR 2025

Article Titles

1. The Role of Pomegranate (*Punica granatum*) in Cancer Prevention and Treatment: Modulating Signaling Pathways From Inflammation to Metastasis
2. Aldose reductase inhibitory evaluation and in silico studies of bioactive secondary metabolites isolated from *Fernandoa. Adenophylla*
3. Unveiling tyrosinase inhibition: exploring secondary metabolites from *Fernandoa adenophylla* through biological screening and molecular docking
4. Investigation of the inhibitory potential of secondary metabolites isolated from *Fernandoa adenophylla* against Beta-glucuronidase via molecular docking and molecular dynamics simulation studies.
5. Unveiling a novel ellagic acid derivative as a potent lipoxygenase (LOX) inhibitor: integration of computational modeling and experimental validation
6. Ferulic acid as a promising candidate for developing selective and effective anti-cancer therapies
7. Anticancer potential of flavonoids isolated from *Pistacia chinensis* against glioblastoma (U87) cell line: extensive in vitro and in Silico research
8. Histological and functional exploration of platelet activity post-SARS-cov-2 vaccination
9. Dual Therapeutic Potential of Novel Cornallegic Acid: In Vitro Anti-inflammatory and ROS Suppression with Computational Insights from Docking, ADMET and DFT Studies
10. Lipoxygenase inhibitory potential of secondary metabolites isolated from *pistacia integerrima*: a comprehensive in vitro analysis integrating molecular docking, ADMET and DFT studies
11. Antioxidant and lipoxygenase inhibitory properties of a novel flavonoid from *Pistacia chinensis Bunge* and its molecular docking analysis." *Tradit Med Res*
12. Prevalence of internet addiction and its association with psychological distress among university students in Karachi.
13. Anti-Inflammatory Potential of Grewialin from *Grewia optiva*: Insights from Molecular Docking, ADMET, DFT, and In-Vitro Studies
14. Aldose reductase inhibitory activity, molecular docking, ADMET, and density functional theory investigation of flavonoids isolated from *Euphorbia pulcherrima Willd Ex Koltz*
15. Pegylated chitosan xerogels for localized periodontal therapy: design, characterization, and drug release

16. Prevalence of Leg Ulcers in Sickle Cell Disease and Their Association with Disease Severity, Inflammatory, and Oxidative Stress Markers
17. Relationship between children's autism spectrum disorder and parental anxiety and burnout
18. Assessing Community Awareness regarding Hepatitis C in Gadap Town, District Malir, Karachi
19. Assessment of Fertility related Quality of Life and its associated factors among females of reproductive age at a Secondary Care Public Hospital, Hub Chowki, District Lasbela, Balochistan
20. Awareness of Dental Students and Faculty Members regarding Xylitol Products for Prevention of Dental Caries at a Private Dental College of Karachi
21. Suicidal ideation and its associated factors in medical students of clinical years at a private medical college of Karachi
22. Frequency of underweight and its associated factors in children aged 6 to 59 months in Nawabshah City, Sindh
23. Study protocol for a randomized control trial investigating the effectiveness of a multifaceted mhealth approach on adherence to antihypertensive treatment among patients in Pakistan.
24. Prevalence and associated factors of adherence to antihypertensive medication: a nationwide cross-sectional study
25. Using Unannounced Standardized Patients to Assess the Quality of Tuberculosis Care and Antibiotic Prescribing: A Cross-Sectional Study on a Low/Middle-Income Country, Pakistan.