

Scholarly Trends and Journal Performance: A 2025 Review of the International Journal of Drug Research in Clinics

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In 2025, the International Journal of Drugs published 24 articles submitted by authors from Cyprus, Germany, Sweden, Indonesia, Pakistan, Turkey, Australia, the United Arab Emirates, and Iran. The journal featured publications covering various areas within the field of drug research. It annually provides a thorough overview of major advancements, ongoing trends, and key challenges in pharmacology, drug discovery, and therapeutic approaches observed in recent years. Furthermore, the overall outlook of the journal is shaped by inviting prominent specialists to contribute articles and editorials that assess the current landscape of the discipline, offering in-depth critique and projections for future progress. Additionally, partnerships with professional bodies and academic organizations are established to collect a wide array of perspectives and promote dialogue on new developments. Consequently, a comprehensive review and assessment of the journal's recent activities was performed, revealing that both experimental and review articles constitute a substantial portion of its published material. The cross-sectional studies featured in volume 2025 address topics such as the "Association Between Ultra-Processed Food Consumption and Ulcerative Colitis"¹ and the "Evaluation of Suicide Risk Among Patients with Tramadol Toxicity".² In addition, submissions have been received investigating "The Prevalence of Vitamin D Deficiency in the East Azarbaijan Province and Its Relationship with Demographic Factors".³ Moreover, an article has been published presenting a population-based cross-sectional analysis, entitled the "Frequency of Generalized Anxiety Disorder in the Population of East Azerbaijan Province and Its Association with Demographic Factors".⁴ A Global Burden of Disease article represents an epidemiological investigation that evaluates the health effects of diseases, injuries, and risk factors at regional, national, or international levels using

indicators such as mortality, prevalence, incidence, and disability-adjusted life years. The present review has highlighted an original study detailing the global burden of the adverse effects of medical treatment from 1990 to 2021.⁵ In 2025, six articles were selected that fulfilled the criteria for inclusion in this review. These included narrative reviews on diverse subjects, such as biomedicine potentials in psychiatric disorders medication,⁶ coronavirus and ways to stop its transmission,⁷ fertility boosters and an overview of drugs used for ovulation induction,⁸ photobiomodulation therapy in urogenital disorders,⁹ hormonal modulation and transient sacroiliac joint inflammation,¹⁰ and pharmacologic strategies in intrauterine insemination.¹¹

A case-control study represents an observational analytical approach where participants exhibiting a particular disease, condition, or outcome (cases) are contrasted with those who do not exhibit the outcome (controls) to assess and analyze previous exposures, risk elements, or biological features linked to the condition. This study design is especially advantageous for studying uncommon diseases or outcomes, allowing for the efficient examination of possible associations with respect to time and resources. Volume 3 of our journal included a case-control study that examined "Circulating MicroRNAs as Novel Diagnostic Biomarkers for Osteoporosis in Patients with Intertrochanteric Fractures".¹²

Likewise, experimental research plays a vital role in drug discovery, offering essential information regarding safety, effectiveness, and mechanisms of action. These studies form the basis for clinical trials and are fundamental to the development of safe and effective medications. In the 2025 volume, seven experimental investigations were featured, addressing topics such as apoptosis¹³ the inhibitory impact of diosgenin on the progression of breast cancer cells,¹⁴ stem cell therapy,¹⁵ the antioxidant properties of flavonoids,¹⁶



prevention of peripheral neuropathy using bee pollen extract,¹⁷ a bibliometric analysis of artificial intelligence in atrial fibrillation,¹⁸ and the reduction of aflatoxin B1 by postbiotics from *Lactiplantibacillus plantarum* under simulated gastrointestinal conditions.¹⁹ Additionally, a prospective study entitled “Preoperative Nutritional Status as a Determinant of Mortality in Patients with Gastric Cancer Undergoing Gastrectomy”²⁰ appeared in volume 23 of our journal. Editorial articles play a crucial role in guiding discussions within academic and professional circles. These articles, authored by journal editors, guest editors, or invited specialists, provide authoritative viewpoints, in-depth analysis, or expert summaries on current research developments, clinical innovations, ethical guidelines, or other significant subjects relevant to the journal’s focus. An example is the editorial article on the International Journal of Drug Research in Clinics: Work Overview for 2023-2024.²¹ Likewise, letters to the editor function as a key channel for exchange within both academic and public domains. In this context, two letters to the editor were published: “Esophageal Motor Dysfunction and Aperistalsis in Systemic Lupus Erythematosus: An Under-Recognized Manifestation with Important Clinical Implications”²² and “Anti-platelets and Antithrombotic Co-Ingestion in Prevention of Recurrent Stroke”.²³ Such correspondence is instrumental in increasing awareness, encouraging discussion, supporting best practices, and shaping policy. Similarly, a short communication article represents a succinct type of original academic publication intended to present new, important, and timely research outcomes in a condensed yet methodologically sound manner. Such articles generally highlight a particular finding, methodological innovation, initial observation, or a narrowly scoped study that is significant enough to warrant prompt sharing within the scholarly community. An article in this format entitled “Hub Genes and Therapeutic Pathways of CTRP9 in Cardiac Ischemia/Reperfusion Injury: A Bioinformatics Perspective”²⁴ has been published, exploring the potential mechanisms involved and how understanding these could improve the management of the pathological consequences following ischemia/reperfusion injury. Finally, the journal currently encourages similar scholarly submissions from a broad range of international contributors and plans to invite further specialists in this area.

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Competing Interests

The author declares that he has no competing interests.

Consent for Publication

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Ethical Approval

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