

# CTPPC

## Current Trends in Pharmacy and Pharmaceutical Chemistry

Volume - 6, Issue - 3, Year - 2024 ([www.ctppc.org](http://www.ctppc.org))

Current Trends in Pharmacy and Pharmaceutical Chemistry is the official Journal of Ateos Foundation of Science Education and Research, hosted and Managed IP Innovative Publications Pvt. Ltd, New Delhi, India. Current Trends in Pharmacy and Pharmaceutical Chemistry is an open access, peer-reviewed quarterly international journal publishing since 2019 and is published under auspices of the Ateos Foundation of Science Education and Research.

It aims to uplift researchers, scholars, academicians, and more...

### Call for paper

We cordially invite faculty, researchers, and scholars to submission of your valuable contribution to our Upcoming issues. It is a double-blind, peer-review, and Open Access (OA) journal and accepts manuscripts as research papers, review articles, case reports, short communication, etc.

### Manuscript Submission Guidelines

To submit your manuscript, first-time users click the Register button from the submission portal. If you are already a registered user, log in as an author and post your manuscript for further peer-review process. Manuscripts submitted for consideration and inclusion in upcoming issues must follow <https://www.ctppc.org/info/author> and be submitted by **2024-10-22**.

Submit Manuscript

### Advertisement

The advertisement is a screenshot of the Manuscript Peer-Review Process (MPRP) website. At the top, there is a navigation bar with the following links: About MPRP, Journals, Support and Training, Contact us, Track article status, Register, and Login. The main content area features the title "Manuscript Peer-Review Process" and a detailed description of the service. To the right of the text is an illustration showing a person at a computer, a person holding a document, and a person at a desk, representing the workflow of the MPRP. Below the main text, there is a section titled "Why MPRP?" with a small icon of a person and a document.

**Manuscript Peer-Review Process**

Manuscript Peer-Review Process is a web-based portal that can be accessed 24\*7 under good internet connection. It is a set of editorial services that allows a user to run a journal efficiently. It includes journal pre-publication services, editorial workflow & post publication services. We provide a high level of flexibility, so you can select the services you need and integrate your existing workflow. It allows smooth flow of all publication functions of an editorial office on a single independent platform, no software installation is required, only requires Username, Password to login in different panels.

MPRP manages all the authors, reviewers, editors' details and its integration with the social and professional network. It is inhouse product of IP Innovative Publication Pvt.Ltd, which is managed and operated by Innovative Publication and currently running with around 50+ Journals.

**Why MPRP?**

If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your

## CONTENTS

### Editorial:

---

#### **Careers after pharmacy graduation in India: Comprehensive view 65-67**

*Amit G. Nerkar*

### Review Article:

---

#### **Evolution and applications of CRISPR-Cas9 technology in last decade 68-72**

*Amit G. Nerkar, Yogesh Banginwar, Ashok Dawande*

#### **Exploring the antifungal properties of neem (*Azadirachta indica*) during: A comprehensive review (2010-2020) 73-75**

*Swati Kale, Arati Kaldoke, Prasad Rane*

#### **Advances in food fortification: Ensuring a healthier humanity, types, and analytical methods 76-83**

*Parixit Prajapati, Ragini Sharma*

#### **A comprehensive review of analytical strategies for validating RP-HPLC methods of aceclofenac and thiocolchicoside in bulk drug and formulation 84-95**

*Amit G Nerkar, Yash Patil*

#### **Exploring the microbiome: New horizons for emerging therapeutics 96-105**

*Himanshu Vishwakarma, Vikas Kumar Jain, Mansi Bhale, Amitabh Sharma*

### Original Article:

---

#### **Comprehensive investigation of two substituted benzimidazoles: Design, synthesis, biological assessment, and characterization 106-113**

*Gopinathan Narasimhan, Gokul kumar K, B Balalji, Azhagu Naachiar, Khiren S, Harikrishnan N*

#### **Comparative in-Vitro dissolution study of some sitagliptin generic tablets under biowaiver conditions by UV-Spectroscopy 114-121**

*Vaibhav S. Adhao, Jaya P. Ambhore, Anant D. Bhuskat, Dishali V. Talokar*

#### **Formulation and evaluation of herbal microsphere gel 122-127**

*Ankit Agrawal, Parool Jadhav, Honey Shukla, Sourabh D Jain, Arun Kumar Gupta*

### Short Communication:

---

#### **Antimicrobial activity of compound VG2: Part-III 128-129**

*Amit Nerkar, Deepali Gaikwad Ingawale, Vijay Gaikwad*

# Advertisement

**Manuscript**  
Peer-Review Process

Email: support@innovativepublications.com  
editorialoffice@innovativepublications.com  
Support: +91-11-6394914, 61394105 | 9950439448 | 88

About MPRP Journals Support and Training Contact us Track article status Register Login

## Manuscript Peer-Review Process

Manuscript Peer-Review Process is a web-based portal that can be accessed 24\*7 under good internet connection. It is a set of editorial services that allows a user to run a journal efficiently. It includes journal pre-publication services, editorial workflow & post publication services. We provide a high level of flexibility, so you can select the services you need and integrate your existing workflow. It allows smooth flow of all publication functions of an editorial office on a single independent platform, no software installation is required, only requires Username, Password to login in different panels.

MPRP manages all the authors, reviewers, editors' details and its integration with the social and professional network. It is inhouse product of **Innovative Publication Pvt. Ltd.** which is managed and operated by Innovative Publication and currently running with around 50+ Journals.

### Why MPRP?

If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your

