

Integrated Approaches in Pharmaceutical Sciences

Volume - 1

Editor

Dr. Praveen Kumar

Associate Professor, Department of Pharmaceutical Chemistry, Faculty of
Pharmacy, Uttar Pradesh University of Medical Sciences, Saifai, Etawah,
Uttar Pradesh, India



Integrated Publications™
New Delhi

Published By: Integrated Publications

Integrated Publications

H. No. - 3 Pocket - H34, Sector - 3,

Rohini, Delhi-110085, India

Editor: Dr. Praveen Kumar

The author/publisher has attempted to trace and acknowledge the materials reproduced in this publication and apologize if permission and acknowledgements to publish in this form have not been given. If any material has not been acknowledged please write and let us know so that we may rectify it.

The responsibility for facts stated, opinion expressed or conclusions reached and plagiarism, if any, in this book is entirely that of the author. So, the views and research findings provided in this publication are those of the author/s only. The Editor & Publishers are in no way responsible for its contents.

© Integrated Publications™

Publication Year: 2024

Pages: 158

ISBN: 978-93-5834-207-9

Book DOI: <https://doi.org/10.62778/int.book.442>

Price: ₹ 768/-

Contents

Chapters	Page No.
1. Quinazolinone Derivatives as Antimicrobials <i>(Amit Kumar, Sushil Kumar, Akhlesh Kumari and Jatin Kishore Sharma)</i>	01-14
2. A New Global Threat for Public Safety: Nipah Virus <i>(MO Shahanawaz, Kuldeep Singh, Suvaiv, Shom Prakash Kushwaha, Arun Kumar and Syed Mehdi Hasan Zaidi)</i>	15-29
3. Nanotechnology Current Knowledge and Future Avenues <i>(Dr. Upendra Bhadoria, Dr. Rahul Kumar Sharma, Dr. Neelam Sharma, Dr. Shailesh Sharma and Dr. Ajay Singh Kushwah)</i>	31-59
4. Plants to Pharmaceuticals: The Role of Natural Polymers in Drug Formulation <i>(K.R. Bobe and K.G. Albhar)</i>	61-77
5. Exploring Plant-based Omega-3 Alternatives for Optimal Health <i>(Devinder Kumar, Dr. Shailesh Sharma and Dr. Rajesh Kumar)</i>	79-99
6. Understanding Anticancer Agents' Interaction Mechanism with DNA Nucleobases <i>(Dr. Benzir Ahmed and Dr. Bipul Bezbaruah)</i>	101-114
7. Antimicrobial Resistance: An Unknown Threat to Humankind <i>(Sahil Hussain, Arun Kumar, Kuldeep Singh, Shom Prakash Kushwaha, Mohd. Mursal and Mohd. Shainoor)</i>	115-138
8. Advancing Pharmacotherapy: Integrating New Technologies into Pharmacy Services <i>(Rajesh Hadia, Rahul Trivedi, Cyril Sajan, Varunsingh Saggi, Sunil Baile, Sunil Kardani and Hemraj Singh Rajput)</i>	139-158