

Futuristic Trends in
Pharmacy & Nursing

Volume 3, Book 18, 2024, IIP Series



Futuristic Trends in

PHARMACY & NURSING

Volume 3, Book 18, 2024, IIP Series



Title of the Book: Futuristic Trends in Pharmacy & Nursing

Edition: Volume 3, Book 18, 2024, IIP Series

Copyright © 2024 Authors

No part of this book may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owners and publisher.

Disclaimer

The authors are solely responsible for the contents published in this book. The publisher or editors do not take any responsibility for the same in any manner. Errors, if any, are purely unintentional and readers are requested to communicate such errors to the editors or publishers to avoid discrepancies in future.

E-ISBN: 978-93-6252-586-4

Publisher, Printed at & Distribution by:

Selfypage Developers Pvt. Ltd.,
Pushpagiri Complex,
Beside SBI Housing Board,
K.M. Road Chikkamagaluru, Karnataka.
Tel.: +91-8861518868
E-mail: info@iipseries.org

IMPRINT: I I P Iterative International Publishers

PREFACE

This book series invites all the Specialists, Professors, Doctors, Scientists, Academicians, Healthcare professionals, Nurses, Students, Researchers, Business Delegates, and Industrialists across the globe to publish their insights and convey recent developments in the field of Nursing, Pharmaceutical Research and Innovations in Pharma Industry. Book series on Pharmacy and Nursing covers research work in a set of clinical sciences and medicine. It also provides a remarkable opportunity for the pharmacy and nursing based academic and research communities to address new challenges and share solutions and discuss future research directions in the below field but not limited to

1. Nursing and Midwifery Practice
2. Evidence Based Practice
3. Ethical and Professional Issues
4. Management in Health Care
5. Sustainability in Health and Health Care Provision
6. Research Methodology in Nursing
7. Chemical Stability of Drugs
8. Pharmacokinetics
9. Biopharmaceutics
10. Chemical Processing of Pharmaceuticals
11. Including Crystallization, Lyophilization
12. Pharmacodynamics
13. Pro-drug Developments
14. Metabolic Disposition of Bioactive Agents
15. Dosage form Design
16. Protein-peptide Chemistry and Biotechnology
17. Radiopharmaceutical Sciences
18. Radiochemistry
19. Hybrid Imaging
20. Nuclear Medicine
21. Pharmaceutical Preparations and Drug Delivery
22. Biological Targets and Biomarkers

EDITORIAL BOARD MEMBERS

Dr. Rupa Verma

Professor cum Principal

MKSSS Sitabai Nargundkar College of Nursing for Women

Gupchup, Hingna . Nagpur

Dr. Ashok Kumar Sharma

Associate Professor

Arya College of Pharmacy

Jaipur, India.

Dr. Pramod N

Professor

KLE Societys College of Pharmacy

JT Campus

Gadag Karnataka, India.

Mr. Rajat Goyal

Assistant Professor

MM College of Pharmacy College

Maharishi Markandeshwar (Deemed to be University)

Mullana-Ambala, Haryana, India

Dr. AR Mahesh

Assistant Professor

Faculty of Pharmacy

MS Ramaiah University of Applied Sciences

University House

Mathikere, Bengaluru, Karnataka, India,

Dr. Uma Nath U

MGM Silver Jubilee College of Pharmacy

Trivandrum Kerala India

Mr. Ranjit Tajpuriya

Scientific Medical Writer

Digital A plus Ennovative Solutions

Hebbal, Bengaluru, Karnataka, India.

Ms. Anchal Gupta

Demonstrator

U.P. University of Medical Sciences

Saifai Etawah, Uttar Pradesh, India

Prof. (Dr.) Sanjay Dey

Professor

Department of Pharmaceutical Technology

School of Medical Sciences

Adamas University

Jagannathpur, Kolkata, West Bengal, India

Dr. Purnima Bairagi Bejoy

Professor

Government College of Nursing

MGM Medical College Campus

CRP line ,Indore.

Dr. Gopinath subramanian

Principal

Mydhili Institute of Medical Sciences

Tirupati, India.

Mrs. Rajni Thapa

Assistant Professor

Shri Mata Vaishno Devi College of Nursing

Reasi, Jammu Kashmir, India.

Dr. Arifa

Assistant Professor
University of Agriculture
Faisalabad, Pakistan.

Dr. Palaniyammal

Assistant Professor
Vinayaka Mission's Annapoorana College of Nursing
Salem, Tamil Nadu, India.

Dr. Vandana Thakur

Program Manager

Nabarun Mukhopadhyay

Department of Chemical Sciences (Natural Products)
National Institute of Pharmaceutical Education and Research (NIPER)
Hyderabad, Balanagar, Telangana, India.

Dr. M. Ganga Raju

Professor and Vice Principal
Gokaraju Rangaraju College of Pharmacy
Bachupally, Hyderabad, Telangana, India.

Dr. Pulak Majumder

Associate Professor
Sri Adichunchanagiri College of Pharmacy
Adichunchanagiri Univesity
Mandya, Karnataka, India.

Ms. Aishwarya Shinde

Assistant Professor
Sinhgad Institute of Pharmacy
Narhe Pune, Maharashtra, India.

Mrs. Supriya Reddy

Associate Professor
CMR College of Pharmacy
Hyderabad, India.

Dr. Sunil Kumar

Assistant Professor
Om Sterling Global University
Hisar, Haryana, India.

Dr. K. Hemamalini

Professor and Principal
Swami Vivekananda Institute of Pharmaceutical Sciences
Vangapally, Telangana, India.

Mr. Prasad Dhiwar

Assistant Professor & PhD Pursing
Acharya & BM Reddy College of Pharmacy
Soldevanahalli, Bangalore, Karnataka, India.

Mrs. Ujwala Akunuri

Specialist
Dr. Reddy's Laboratories
Banjara Hills, Hyderabad, Telangana, India.

Dr. Divya Pingili

Associate Professor
Sri Venkateshwara College of Pharmacy
Hyderabad, Telangana , India

Dr. Khushbu

Assistant Professor
D Block Faculty of Nursing
SGT University
Budhera, Gurugram Haryana India.

Mr. Shubham Sachdeva

Ph.D Pursuing

Assistant Professor

Lord Shiva College of Pharmacy

Near Civil Hospital

Sirsa, Haryana, India

Mr. Prem Kumar Bichala

Professor & HOD

School of Pharmaceutical Sciences

Pratap University

Chandwaji, Jaipur, Rajasthan, India.

Dr. Sourav De

Post-Doctoral Researcher

Department of Chemical Engineering

National Chung Cheng University

Minxiong Township, Chiayi County.

Dr. Prince Manta

Associate Professor

Swami Vivekanand College of Pharmacy

Banur, Rajpura, Punjab, India.

Mrs. Vishwa S.Padole

Assistant Professor

G.H.Raisoni Institute of Life Sciences

Nagpur, India.

Ms. ShramikaChore

Lecturer

Institute of Pharmacy and Research

Badnera-Amravati, Maharashtra, India.

Dr. Bindu A R

Professor
Department of Pharmaceutical Sciences
Centre for Professional and Advanced Studies
Ettumanoor , Kottayam. Kerala, India.

Dr. D. Krishna Kumar

Professor & Head
The Erode College of Pharmacy
Erode, Tamil Nadu, India.

Dr. Thenmozhi P

Professor
Saveetha College of Nursing
Saveetha Institute of Medical and Technical Sciences
Saveetha Nagar, Thandalam, Chennai.

Dr. Samundy Kumbhakar

Lecturer
Faculty of Nursing
Uttar Pradesh University of Medical Sciences
Saifai, Etawah, Uttar Pradesh, India.

Dr. Shailendra Patil

Professor & Dean
SVN Institute of Pharmaceutical Sciences
Swami Vivekanand University
Sironja, Sagar, Madhya Pradesh, India.

Dr. Ramesh Kumari Dasgupta

Head of the Department
Mata Gujri College of Pharmacy
Mata Gujri University
Kishanganj, Bihar, India.

Dr. Prathap B

Vice Principal and HOD
Dhanalakshmi Srinivasan College of Pharmacy
Perambalur, Tamil Nadu, India.

Mrs. R. JothiLakshmi

Associate Professor
Bharath Institute of Higher Education and Research
Chennai, Tamil Nadu, India.

Dr. Kiran Sharma

Associated professor
Kiet School of Pharmacy
Kiet Group of Institutions
Ghaziabad, Uttar Pradesh, India.

Dr. Anuradha Singh

Professor
Sanskar College of Pharmacy and Research
Ghaziabad, Uttar Pradesh, India

Dr. Damineni Saritha

Professor
Department of Pharmaceutics
Sultan ul Uloom College of Pharmacy
Hyderabad, Telangana, India.

Ms. Kavita Pillai

Assistant Professor
SGT University
Budhera Gurugram, Haryana, India

Dr. Siddhi Jain

Associate Professor

University of Pittsburgh

Pittsburgh, Pennsylvania USA.

Dr. Akshada A. Koparde

Dean Academics

Krishna Vishwa Vidyapeeth (Deemed to be University)

Krishna Institute of Pharmacy

Malkapur, Karad, Maharashtra, India.

Dr. Reehana

Assistant Professor

KVSR Siddhartha College of Pharmaceutical Sciences

Vijayawada, Andhra Pradesh, India.

Mr. Lakshmanan

Principal

The Royal Gondwana Nursing College

Khapri, Nagpur, Maharashtra, India.

CONTENTS

	Page No.
PART 1	
Chapter 1 NURSING PERSPECTIVE ON EFFECTIVENESS OF BLENDED LEARNING: REVIEW ARTICLE.....	1-5
Chapter 2 ARTICLE ON VAGUS NERVE STIMULATION.....	6-10
PART 2	
Chapter 1 MANAGEMENT IN HEALTHCARE: STRATEGIES FOR SUCCESS	11-18
Chapter 2 ETHICAL AND PROFESSIONAL ISSUES IN NURSING.....	19-26
PART 3	
Chapter 1 EFFECTIVENESS OF 3% NEBULISED HYPERTONIC SALINE AMONG CHILDREN WITH BRONCHIOLITIS: A SYSTEMATICREVIEW	27-42
PART 4	
Chapter 1 THE ROLE OF GUT MICROBIOME IN LEARNING AND MEMORY.....	43-48
PART 5	
Chapter 1 <i>IN VITRO</i> ANTI-INFLAMMATORY AND ANTIDIABETIC ACTIVITY OF <i>HIBISCUS ROSA SINENSIS</i>	49-57
Chapter 2 ANTI-INFLAMMATORY AND ANALGESIC ACTIVITY OF METHANOLIC EXTRACT OF <i>JASMINUM MULTIFLORUM</i> LEAVES	58-70
PART 6	
Chapter 1 UNLOCKING HOPE: THE JOURNEY OF CANCER THERANOSTICS.....	71-91
Chapter 2 A REVIEW ON SUPPOSITORIES	92-102
PART 7	
Chapter 1 CHEMICAL STABILITY OF DRUGS.....	103-108

PART 8	
Chapter 1 EMERGENCE OF PHYTOSOMES IN THE FIELD OF NOVEL DRUG DELIVERY SYSTEM.....	109-124

PART 9	
Chapter 1 ETHICAL AND PROFESSIONAL ISSUE IN NURSING.....	125-132
Chapter 2 SUSTAINABILITY IN HEALTH AND HEALTH CARE PROVISION.....	133-138

PART 10	
Chapter 1 A REVIEW OF HERBAL LIPSTICK FROM DIFFERENT NATURAL COLOURING PIGMENTS.....	139-150
Chapter 2 HERBAL MEDICINES ON RESPIRATORY INFLAMMATION-RELATED DISEASES.....	151-167
Chapter 3 HERBAL MEDICINES FOR COVID-19.....	168-184

PART 11	
Chapter 1 PHARMACODYNAMICS.....	185-191
Chapter 2 RESEARCH METHODOLOGY IN NURSING.....	192-198

PART 12	
Chapter 1 EMPATHY UNLEASHED: THE POWER OF EMOTIONAL INTELLIGENCE IN NURSING.....	199-211



IIP Series is online, open access, peer-reviewed, interdisciplinary Journal. IIP Series provides a comprehensive solution for conferences and edited books that covers research topics across various scientific, technical, and medical disciplines. It aims at disseminating high-level research results and developments to researchers and research groups. It mainly focuses on presenting practical solutions for the current problems in Applied Sciences and Applied Social Sciences. It features original research work, reviews, case reports, tutorial papers, and accounts of practical developments.

Futuristic Trends in Pharmacy & Nursing

Volume 3 Book 18, 2024, IIP Series

ISBN : 978-93-6252-586-4



9 789362 525864