

Edited Book

Recent Advances In Pharmaceutical Sciences

(Volume 12)

Dr. Rajesh A. Maheshwari, Dr. Dhanya B. Sen and

Dr. Faruk Alam

Publisher



Innovare Academic Sciences Pvt Ltd

T-8, Mahaveer Apartment, Near SIRT College, Ayodhya Bypass, Bhopal 462041,
MP, India. **Phone:** +91 9425108574

Email: info@innovareacademics.in | <https://innovareacademics.in/>

Edited Book: Recent Advances in Pharmaceutical Sciences
(Volume 12)

Publication Year: March. 2023

MRP: INR 800

© Innovare Academic Sciences Pvt Ltd

ISBN: 978-81-958789-3-2

Publisher and address:

Innovare Academic Sciences Pvt Ltd

T-8, Mahaveer Apartment, Near SIRT College, Ayodhya Bypass,
Bhopal 462041, MP, India. Phone: +91 9425108574

Email: info@innovareacademics.in | <https://innovareacademics.in/>

Printer: Innovare Academic Sciences Pvt Ltd

About the Book

Pharmaceutical sciences include broad range of multidisciplinary subject seeking to foster the integration of areas of knowledge that focus on all facet of drug and therapies. Pharmaceutical sciences ranges from identification and control of organism causing disease, design of drug, formulation, clinical trial, metabolism, quality control and audit of drugs, manufacturing, plant-based source of medicines, food sciences, public, to environmental health for improving the quality of human life.

The Chapter of the compiled edited book contains advanced knowledge and the updated research outcomes to update the readers. It touched on addressing the recent advancement of pharmaceutical sciences through the different approaches with the aim for the betterment of society and health of well-being. Additionally, its multidisciplinary nature in pharmaceutical sciences contributes valuably to other research areas like medical, biological, and chemical sciences.

The edited book aims to bring authors to one platform with the different subjects of Pharmaceutical sciences and share their knowledge for further research.

We hope that this book may interest a broad readership for upgrading and acquiring the latest information for the extension of the study.

Its continuous volume will come one by one to share more information and knowledge on recent advancements in pharmaceutical science.

Index

Chapter No.	Title	Author(s)	Page No.
1.	LARVICIDAL ACTIVITY AND MOLECULAR DOCKING STUDIES OF VITEXICARPIN FROM <i>VITEX NEGUNDO</i> LINN	Sandhya Krishnamoorthy, Sivakumar Muthusamy, Vijayakumar Arumugam Ramamurthy	1-14
2.	POTENT ANTIOXIDANT PROPERTIES BY DIFFERENT TYPES OF BERRIES	Krupa Joshi, Ashim Kumar Sen, Rajesh Maheshwari	15-24
3.	HIGH-THROUGHPUT SCREENING AND MOLECULAR DOCKING OF SELECTED COMPOUNDS AGAINST JUNIN VIRUS	Rajesh Ghosh, Debgopal Ganguly, Madhumita Banerjee, Arindam Chakraborty, Sriparna Das Bhaya, Soumyadip Ghosh	25-33
4.	ANTHELMINTHICS: POTENTIAL HERBAL TREATMENT AGAINST WORMS	Cyril Sajan, Varunsingh Saggi, Elizabeth Jacob, Rajesh Maheshwari, Dilsar Gohil, Falakaara Saiyed, Krupa Joshi	34-44
5.	BUCILLAMINE: A POTENTIAL NOVEL TREATMENT WITH MULTIPLE CLINICAL APPLICATIONS	Dilsar Gohil, Ramachandran, Balaraman, Falakaara Saiyed, Krupa Joshi, Cyril Sajan, Kinjal P. Patel, Dhanya B. Sen, Rajesh A. Maheshwari	45-52
6.	BENZOYL PEROXIDE: THE MAINSTAY TREATMENT IN ACNE	Mamta Kumari, Shriti Thakkar, Piyushkumar Sadhu, Niyati Shah, Shivkant Patel, Dillip Kumar Dash, Chitrali Talele	53-69
7.	A REVIEW ON DIABETES AND ANTI-DIABETIC AGENTS	Shivkant Patel, Dillip Kumar Dash, Mamta Kumari, Piyushkumar Sadhu, Niyati Shah, Kinjal Patel	70-87
8.	SOLUBILITY AND SOLUBILIZATION TECHNIQUES	Niyati Shah, Mamta Kumari, Piyushkumar Sadhu, Shivkant Patel, Dillipkumar Dash, Chitrali Talele, Rajesh Maheshwari	88-102
9.	NATURAL REMEDIES TO CURE ARTHRITIS	Falakaara Saiyed, Rajesh Maheshwari, R. Balaraman, Dilsar Gohil, Kinjal Patel, Krupa Joshi, Cyril Sajan,	103-112

Chapter No.	Title	Author(s)	Page No.
10.	A SHORT REVIEW ON TISSUE ENGINEERING	Kinjal P. Patel, Dilsar Gohil, Falakaara Saiyed, Shivkant Patel, Dillip Kumar Das, Sunil B. Baile, Rajesh A. Maheshwari	113-121
11.	SULFONAMIDES AS ANTIMICROBIAL AGENTS	Dillip Kumar Dash, Ashim Kumar Sen, Shivkant Patel, Krupa Joshi, Mamta Kumari, Niyati Shah, Kinjal P. Patel	122-128
12.	MULTIDEMENTIONAL APPROACH OF LEPTADENIA RETICULATA PLANT: A REVIEW	Harshkumar Brahmhbhatt, Ujjval P. Vaghela, Ashim kumar Sen, Dhanya B Sen, Cyril Sajan, Varun Saggi	129-145
13.	NANO CARRIER BASED ANTTUBERCULAR DRUG DELIVERY SYSTEM	Sunil Kardani, Ashim Kumar Sen, Dhanya B. Sen, Rajesh Hadia, Sunil Baile, Rajesh A. Maheshwari	146-169
14.	RECENT ADVANCES IN THE TREATMENT OF RHEUMATOID ARTHRITIS	Varunsingh Saggi, Cyril Sajan, Elizabeth Jacob, Krunal Trivedi, Harshkumar Brahmhbhatt, Rajesh Hadia, Hemraj Singh Rajput, Rajesh Maheshwari	170-188
15.	EVALUATION OF CATARACT ACTIVITY: IN-VITRO MODEL	Ujjval P. Vaghela, Harshkumar Brahmhbhatt, Dr. Rajesh A. Maheshwari Bhavik R. Jani, Dr. Kushal S. Parekh	189-205
16	ASSESSING PHARMACOTHERAPEUTIC MANAGEMENT OF ANEMIA IN VARIOUS STAGES OF CHRONIC KIDNEY DISEASE AND POST-RENAL TRANSPLANT PATIENTS	Pradeep Battula, P Komala Priya, Kali Chandra Shekar, Navaneetha Krishnan Subramanian, A Sai Kehava Reddy, R Niranjan Kumar, V Siva Kumar	206-217
17	ANTIFUNGAL AGENTS AND THE FUTURE OF ANTIFUNGAL DRUG THERAPY: NOVEL COMPOUNDS AND TARGETS	Trivedi krunalkumar Nikul, Jitin Nair, Varunsingh Saggi, Cyril Sajan, Hemraj Singh Rajput, Rajesh Maheshwari	218-243
18	THE PAPAYA SEED: POTENTIAL HEALTH PROMOTING AGENT	Nirmal Shah, Dipti Gohil	244-253
19	ROLE OF NATURAL PRODUCTS IN TRANSFIGURING OBESITY	Chitrali Talele, Niyati Shah, Mamta Kumari,	254-267

Chapter No.	Title	Author(s)	Page No.
		Piyushkumar Sadhu, Hemraj Singh Rajput , Dipali Talele, Rajesh Maheshwari	
20	STANDARDS FOR QUALITY OF CLINICAL PHARMACY SERVICES	Rajesh Hadia, Cyril Sajan, Varunsingh Saggu, Sunil Baile, Sunil Kardani, Hemraj Singh Rajput	268-274