

Pharmaceutical industry 4.0: Future, Challenges & Application

Editors:

Rishabha Malviya, School of Medical and Allied Sciences, Galgotias University, Greater Noida, India.

Sonali Sundram, School of Medical and Allied Sciences, Galgotias University, Greater Noida, India.

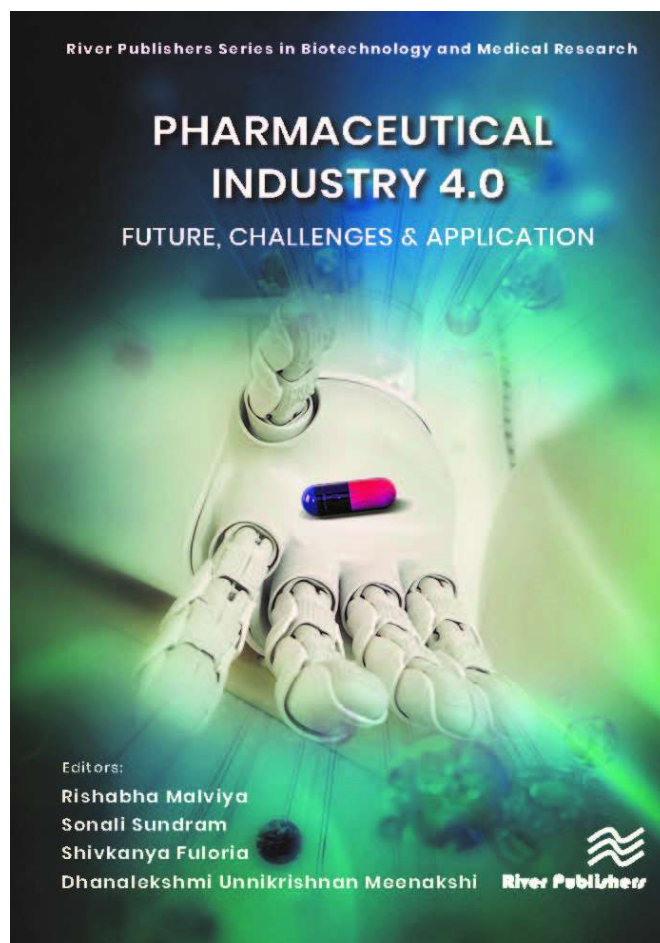
Shivkanya Fuloria, AIMST University, Malaysia

Dhanalekshmi Unnikrishnan Meenakshi, National University of Science and Technology, Muscat, Sultanate of Oman

This book provides deep insight into key technologies that will modernize pharmaceutical manufacturing and facilitate digital transformation. Throughout the book we discuss technologies, application and challenges for applying digital technology in pharmaceutical industry, including

- Focus on an overview of Industry 4.0 and its application in the pharmaceutical field
- The most recent advances in the pharmaceutical industry
- Understanding the concepts of emerging technology trends for drug discovery.

The pharmaceutical industry is on the cusp of a new age, with the need for personalized therapy, more complex production processes, smaller batch sizes and rising manufacturing costs. It is necessary to continuously adapt to the rapidly changing environment using novel technology and improved operational efficiency and flexibility. To achieve this, intelligent manufacturing seems to be a definite answer. Pharma 4.0 is a framework for adapting digital strategies to the unique contexts of pharmaceutical manufacturing.



River Publishers Series in Biotechnology and Medical Research

ISBN: 9788770228435

e-ISBN: 9788770228787

Available From: December 2023

Price: € 121.00 \$ 143.00

KEYWORDS:

Pharmaceutical industry 4.0, Industry 4.0 Artificial Intelligence, Healthcare, Drug Discovery, Robotics, Blockchain, big data, Computational Tools



www.riverpublishers.com
marketing@riverpublishers.com