About the Editors

Dr. Jameel Ahmed S. Mulla received his Bachelor of Pharmacy (2003) and Master of Pharmacy in Pharmaceutics (2005) from Rajiv Gandhi University of Health Sciences, Karnataka, India. Dr. Mulla received his Ph.D. from Karnataka University, Dharwad (2013). He was an NRF Post-Doctoral Research Fellow at the University of the Witwatersrand, Johannesburg, South Africa (2014-15). Dr. Mulla is a Registered Expert, Nano Mission (Approved by Govt. of India), Department of Science & Technology, New Delhi, India. Dr. Mulla is a recognized PG & Ph.D. Guide to supervising research work at Shivaji University, Kolhapur, India. Dr. Mulla has more than 20 years of experience in teaching, research, and administration. He has published more than 115 research and review papers in national and international journals. He has presented 58 papers at National and International Conferences. He has published 5 Books and 2 Book Chapters. Dr. Mulla has filed/published 18 patents. Dr. Mulla is the recipient of many awards, such as the National Award for Excellence in Education (2019), the Senior Researcher Award (2019), the Global Teacher Award (2021), the National Multi-Talented Award (2022) and Best Professor Award (2023). Dr. Mulla secured 40th rank as a Scientist in the entire Shivaji University, Kolhapur (in all disciplines) as per AD Scientific Index 2025 - *World Scientist and University Rankings*.

Dr. Mostafa Mabrouk is a renowned professor of biomaterials at the National Research Centre in Egypt. He has achieved the remarkable distinction of being listed for two consecutive years (2024 and 2025) in the Stanford list of the World's Top 2% Scientists impact in their fields.Dr. Mabrouk holds two PhD degrees: the first in Chemistry from Rennes 1 University in France, and the second in Biophysics from Al-Azhar University in Cairo. He further enhanced his expertise as a postdoctoral scholar with the WADDP research group at the Medical School of the University of Witwatersrand in South Africa (2014-2016). In 2019, he was an academic visitor at Loughborough University, UK.His research focuses on biomaterials, nanomaterials, smart gels for biological applications, drug delivery systems, and innovative cancer treatments. Dr. Mabrouk has successfully mentored over 12 PhD and MSc students, and he has published more than 121 peer-reviewed journal articles, 5 book chapters, and an edited book, along with having 3 submitted patents in his area of expertise. Dr. Mabrouk has been actively involved in over 16 national and international research projects, serving as a principal investigator, co-principal investigator, or team member. He specializes in the development of polymer, inorganic, and polymer-inorganic composite carriers loaded with drugs for tissue engineering applications. Additionally, he has synthesized nanoporous particles and membranes for

targeted drug delivery and has developed composite bioinks for 3D bioprinting and tissue engineering, as well as polymer composites aimed at skin regeneration. The primary objective of Dr. Mabrouk's research is to create cutting-edge biomaterial solutions that enhance patient outcomes and promote overall human health.