

Brief Bio:

Dr. Ankit Tanwar is a Scientist in Montefiore Einstein Comprehensive Cancer Center at Albert Einstein College of Medicine (AECOM), New York, USA. Dr. Tanwar completed his master's degree in Toxicology from Jamia Hamdard and bachelors in Biochemistry(H) from Shivaji College, University of Delhi; he then pursued his PhD degree in Toxicology from the Institute of Nuclear Medicine and Allied Sciences (INMAS), DRDO, Ministry of Defence, Govt. of India. Dr. Tanwar has received the Young Investigator Award for the development of a novel animal model in the field of Infectious Rheumatology from the International Conference on "Controversies in Rheumatology and Autoimmunity (CORA)" held in March 2017, Bologna, Italy. After the completion of his doctoral studies, he joined the Division of CBRN Defence, INMAS, DRDO as a project scientist. He has ~10 years of experience in the field of Toxicology and Drug discovery within the ambit of scientific guidelines (OECD, WHO, ICH). He is a key worker of a team who coined the word "*Herbal Informatics*" to derive drug molecules from natural products and actively working to provide the curative remedy for the disease of unknown etiology. Recently, his Model-Herbal Informatics has been used for the initial screening of emergency-approved drugs by DCGI: 2-Deoxy-D-glucose (2-DG) for combating the COVID-19 situation in India. He has also published research papers to demystify the COVID-19 situation and provide effective strategic management. Dr. Tanwar has published >20 research articles in peer-reviewed journals and participated as an author of 2-books titled Demystifying "ESCAPE pathogen" and "EBOLA Virus". Dr. Tanwar has also received various awards and also serving as an Editorial Board and Co-chair of reputed Journals/organizations/conference awards committees and is also a member of reputed international scientific organizations such as ASH, SOT, USA etc. He actively participates in delivering talks in various conferences, seminars, and webinars. He also serves as a peer mentor at AECOM, New York, USA. His research expertise lies in the areas of Toxicology, Cell Biology, Hematopoiesis, Immunology, Rheumatology, Glycobiology, and Herbal Medicine.