

Clinical Pharmacology and Therapeutics of Diabetes Mellitus: From Pathophysiology to Pharmacotherapy provides a comprehensive overview of the scientific foundations and clinical applications of diabetes management. The book covers clinical pharmacology, diabetes pathophysiology, contemporary glucose-lowering therapies, insulin treatment, cardiovascular and renal protection, drug interactions, adverse drug reactions, medication adherence, and patient safety. Emphasizing evidence-based prescribing and individualized pharmacotherapy, it bridges fundamental pharmacological principles with practical therapeutic decision-making. The book is intended for pharmacy and medical students, postgraduate researchers, clinical pharmacists, and healthcare professionals seeking to optimize glycemic control, prevent complications, and improve patient outcomes through safe, rational, and patient-centred diabetes care.

Dr. Javed Akhtar Ansari is a Professor at the Faculty of Pharmacy, Integral University, Lucknow, with over 19 years of experience in teaching, research, and academic leadership. His research interests include clinical pharmacy, pharmacology, diabetes pharmacotherapy, drug safety, and preclinical evaluation of therapeutic agents.



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