DESCRIPTION

This practice-oriented handbook surveys current knowledge on the prediction and prevention of adverse drug reactions related to off-target activity of small molecule drugs. It is unique in collating the current approaches into a single source, and includes several highly instructive case studies that may be used as guidelines on how to improve drug development projects.

With its large section on ADME-related effects, this is key knowledge for every drug developer.

ABOUT THE AUTHOR

Roy Vaz is the head of investigative pharmacokinetics at the Bridgewater, NJ (USA) location of Sanofi-Aventis Pharmaceuticals. He received his Ph.D. in Organic Chemistry from the University of Florida, Gainesville (USA), after graduating from the Indian Institute of Technology in Mumbai (India). Prior to his present appointment, he has worked with Bristol-Myers-Squibb and Tripos. He is a specialist on the prediction and modeling of cytochrome-mediated drug metabolism.

Thomas Klabunde obtained his PhD in chemistry from the University of Münster (Germany). After a postdoctoral fellowship at the Texas A&M University, he was appointed Assistant Professor at the Institute for Bioscience and Technology in Houston (USA). Later on, he joined the pharmaceutical research of Sanofi-Aventis in Frankfurt (Germany), where he is currently a group leader. His main interest lies with drug design approaches for G protein-coupled receptors, notably in the areas of lead finding and chemogenomics.
SERIES

Methods and Principles in Medicinal Chemistry

For additional product details, please visit https://www.wiley.com/en-us