1. Record Nr. UNINA9910137668803321 Autore William Acree Titolo Toxicity and Drug Testing / / edited by Bill Acree Pubbl/distr/stampa IntechOpen, 2012 Croatia:,:IntechOpen,,2012 **ISBN** 953-51-4363-8 Edizione [1st ed.] Descrizione fisica 1 online resource (530 pages) Disciplina 615.9 Soggetti Toxicology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Modern drug design and testing involves experimental in vivo and in vitro measurement of the drug candidate's ADMET (adsorption, distribution, metabolism, elimination and toxicity) properties in the early stages of drug discovery. Only a small percentage of the proposed drug candidates receive government approval and reach the market place. Unfavorable pharmacokinetic properties, poor bioavailability and efficacy, low solubility, adverse side effects and toxicity concerns account for many of the drug failures encountered in the pharmaceutical industry. Authors from several countries have contributed chapters detailing regulatory policies, pharmaceutical concerns and clinical practices in their respective countries with the

expectation that the open exchange of scientific results and ideas presented in this book will lead to improved pharmaceutical products.