As a guide for pharmaceutical professionals to the issues and practices of drug discovery toxicology, this book integrates and reviews the strategy and application of tools and methods at each step of the drug discovery process.

- Guides researchers as to what drug safety experiments are both practical and useful
- Covers a variety of key topics – safety lead optimization, in vitro-in vivo translation, organ toxicology, ADME, animal models, biomarkers, and –omics tools
- Describes what experiments are possible and useful and offers a view into the future, indicating key areas to watch for new predictive methods
- Features contributions from firsthand industry experience, giving readers insight into the strategy and execution of predictive toxicology practices
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