DESCRIPTION

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
**ABOUT THE AUTHOR**

**Yvonne Will, PhD,** is a Senior Director and the Head of Science and Technology Strategy, Drug Safety Research and Development at Pfizer, Connecticut, USA. She co-edited the book *Drug-Induced Mitochondrial Dysfunction,* published by Wiley in 2008.

**J. Eric McDuffie, PhD,** is the Director of the Discovery / Investigative Toxicology and Laboratory Animal Medicine groups at Janssen Research & Development, California, USA.

**Andrew J. Olaharski, PhD,** is an Associate Director of Toxicology at Agios Pharmaceuticals, Massachusetts, USA.

**Brandon D. Jeffy, PhD,** is a Senior Principal Scientist in the Exploratory Toxicology division of Nonclinical Development at Celgene Pharmaceuticals, California, USA.

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