DESCRIPTION

This book highlights the applications of coupled bioluminescence assay techniques to real-world problems in drug discovery, environmental and chemical analysis, and biodefense. It separates theoretical aspects from the applied sections in a clear and readable way. Coupled Bioluminescent Assays, explains the uses of CB technologies across drug discovery to analyze toxicity, drug receptors, and enzymes. It covers applications in environmental analysis and biodefense, including cytotoxicity, fertilizer and explosives analysis, and nerve agent and pesticide detection. This is the premier reference on coupled bioluminescent assays for chemists, biochemists, and molecular biologists.

ABOUT THE AUTHOR

Michael J. Corey, PhD, is a consulting biochemist and a leading authority on coupled bioluminescent assays. A former head of assay development in biotechnology, he is a founding member of the Scientific Advisory Board of Cell Technology, Inc. Dr. Corey holds key patents in the field of coupled bioluminescence.