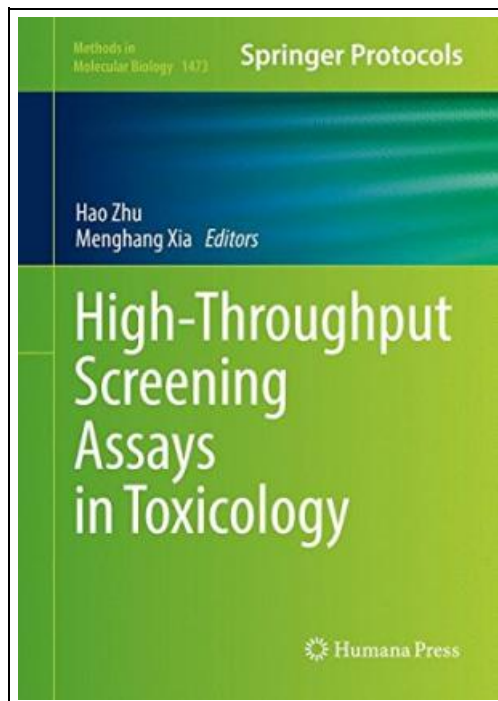


High-Throughput Screening Assays in Toxicology



Filesize: 5.26 MB

Reviews

This book is great. I have go through and so i am confident that i will going to read through once again again in the future. I am just easily can get a satisfaction of looking at a written book.

(Miss Vernie Schimmel)

HIGH-THROUGHPUT SCREENING ASSAYS IN TOXICOLOGY



To get **High-Throughput Screening Assays in Toxicology** PDF, remember to refer to the button below and save the document or get access to other information which might be in conjunction with HIGH-THROUGHPUT SCREENING ASSAYS IN TOXICOLOGY book.

Condition: New. Publisher/Verlag: Springer, Berlin | This book focuses on recently developed High Throughput Screening (HTS) assay protocols, many involved in the ToxCast and/or Tox21 initiatives, and the relevant HTS data analysis techniques. Divided into three sections, in vitro assays, in vivo assays, and computational techniques to analyze HTS data are all examined. Written for the highly successful Methods in Molecular Biology series, most chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and practical, High Throughput Screening Assays in Toxicology serves as a valuable reference resource for translating new HTS techniques into standardized chemical toxicity assessment tools in order to advance modern toxicology research to a new era where HTS techniques can partially replace the prevailing animal models. | Part I: In Vitro Toxicological High-Throughput Screening Methods1. Monitoring Ligand-Activated Protein-Protein Interactions Using Bioluminescent Resonance Energy Transfer (BRET) Assay Carlos Coriano, Emily Powell, and Wei Xu2. Mitochondrial Membrane Potential Assay Srilatha Sakamuru, Matias S. Attene-Ramos, and Menghang Xia3. Using beta-Lactamase and NanoLuc Luciferase Reporter Gene Assays to Identify Inhibitors of the HIF-1 Signaling Pathway Thai Khuc, Chia-Wen (Amy) Hsu, Srilatha Sakamuru, and Menghang Xia4. Quantitative High-Throughput Luciferase Screening in Identifying CAR Modulators Caitlin Lynch, Jinghua Zhao, Hongbing Wang, and Menghang Xia5. Transactivation and Coactivator Recruitment Assays for Measuring Farnesoid X Receptor Activity Chia-Wen (Amy) Hsu, Jinghua Zhao, and Menghang Xia6. Cell-Based Assay for Identifying the Modulators of Antioxidant Response Element Signaling Pathway Jinghua Zhao, Sunita J. Shukla, and Menghang Xia7. Study Liver Cytochrome P450 3A4 Inhibition and Hepatotoxicity Using DMSO-Differentiated HuH-7 Cells Yitong Liu8. Determination of Histone H2AX Phosphorylation in DT40 Cells Kana Nishihara, Sampada A. Shahane, and Menghang Xia9. High-Throughput and High Content Micronucleus Assay in CHO-K1 Cells Sampada A....



[Read High-Throughput Screening Assays in Toxicology Online](#)



[Download PDF High-Throughput Screening Assays in Toxicology](#)



[Download ePUB High-Throughput Screening Assays in Toxicology](#)

Other Books



[PDF] **Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the hyperlink beneath to get "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

[Read Document](#)

»



[PDF] **Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Follow the hyperlink beneath to get "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" file.

[Read Document](#)

»



[PDF] **Children s and Young Adult Literature Database -- Access Card**

Follow the hyperlink beneath to get "Children s and Young Adult Literature Database -- Access Card" file.

[Read Document](#)

»



[PDF] **Music for Children with Hearing Loss: A Resource for Parents and Teachers**

Follow the hyperlink beneath to get "Music for Children with Hearing Loss: A Resource for Parents and Teachers" file.

[Read Document](#)

»



[PDF] **Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook**

Follow the hyperlink beneath to get "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook" file.

[Read Document](#)

»



[PDF] **Scherzo Capriccioso, Op.66 / B.131: Study Score**

Follow the hyperlink beneath to get "Scherzo Capriccioso, Op.66 / B.131: Study Score" file.

[Read Document](#)

»

**[PDF] Read Write Inc. Phonics: Grey Set 7 Storybook 3 I Dare You**

Click the web link under to get "Read Write Inc. Phonics: Grey Set 7 Storybook 3 I Dare You" PDF document.

[Save ePub](#)

»

**[PDF] Cello Concerto, Op. 104 / B. 191: Study Score**

Click the web link under to get "Cello Concerto, Op. 104 / B. 191: Study Score" PDF document.

[Save ePub](#)

»

**[PDF] Millionaire Mumpreneurs: How Successful Mums Made a Million Online and How You Can Do it Too!**

Click the web link under to get "Millionaire Mumpreneurs: How Successful Mums Made a Million Online and How You Can Do it Too!" PDF document.

[Save ePub](#)

»

**[PDF] Read Write Inc. Phonics: Grey Set 7 Storybook 2 the Lion s Paw**

Click the web link under to get "Read Write Inc. Phonics: Grey Set 7 Storybook 2 the Lion s Paw" PDF document.

[Save ePub](#)

»

**[PDF] Symphonic Variations, Op. 78 / B. 70: Study Score**

Click the web link under to get "Symphonic Variations, Op. 78 / B. 70: Study Score" PDF document.

[Save ePub](#)

»

**[PDF] Medical information retrieval (21 universities and colleges teaching information literacy education family planning)**

Click the web link under to get "Medical information retrieval (21 universities and colleges teaching information literacy education family planning)" PDF document.

[Save ePub](#)

»