



Mouse Models for Drug Discovery (Hardback)

By -

Humana Press Inc., United States, 2009. Hardback. Book Condition: New. 2010. 257 x 183 mm. Language: English . Brand New Book. As the drug discovery process shifts more and more toward specifically targeting pathways and molecules, model systems continue to increase in importance, and the mouse, with its versatility, ease of use, and remarkable similarity to the human genome, has clearly risen to the forefront of animal model studies. In *Mouse Models for Drug Discovery: Methods and Protocols*, experts in the field present some background for those less familiar with mice as experimental model platforms as well as a collection of techniques involving general methods as well as specific disease topics such as type 1 and 2 diabetes, cardiovascular disease, arthritis, skin disorders, cancer, the use of behavioral models for depression and anxiety, neurodegenerative diseases, neuromuscular diseases, and infectious diseases. Written in the highly successful *Methods in Molecular Biology*(TM) series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and notes on troubleshooting and avoiding known pitfalls. Authoritative and easy-to-use, *Mouse Models for Drug Discovery: Methods and Protocols* will stimulate those not familiar with the power of the mouse...



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