

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910143270803321 |
| Titolo | Animal models of cognitive impairment / / edited by Edward D. Levin, Jerry J. Buccafusco |
| Pubbl/distr/stampa | Boca Raton, : CRC/Taylor & Francis, 2006 |
| ISBN | 9786610516469 9781040203002 1040203000 9780429129452 0429129459 9781280516467 1280516461 9781420004335 1420004336 |
| Descrizione fisica | 1 online resource (395 p.) |
| Collana | Frontiers in neuroscience |
| Altri autori (Persone) | LevinEdward D BuccafuscoJerry J |
| Disciplina | 616.8 |
| Soggetti | Cognition disorders - Animal models |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front Cover; Preface; About the Editors; Contributors; Contents; List of Illustrations; 1. Introduction; 2. Muscarinic Receptor Antagonists in Rats; 3. Nicotinic Receptor Antagonists in Rats; 4. Involvement of the NMDA System in Learning and Memory; 5. Animal Models and the Cognitive Effects of Ethanol; 6. Animal Models of Cognitive Impairment Produced by Developmental Lead Exposure; 7. Developmental Behavioral Toxicity of Methylmercury: Consequences, Conditioning, and Cortex 8. Executive Function following Developmental Exposure to Polychlorinated Biphenyls (PCBs): What Animal Models Have Told Us9. Modeling Cognitive Deficits Associated with Parkinsonism in the Chronic-Low-Dose MPTP-Treated Monkey; 10. Cognitive Impairment in Transgenic Mouse Models of Amyloid Deposition; 11. Cholinergic Receptor Knockout Mice; 12. Assessments of Cognitive Deficits in |

Mutant Mice; 13. Cognitive Pharmacology in Aging Macaques; 14. Cognitive Impairment following Traumatic Brain Injury; 15. Cognitive Impairment Models Using Complementary Species
16. Cognition Models and Drug DiscoveryIndex

Sommario/riassunto

The costs associated with a drug's clinical trials are so significant that it has become necessary to validate both its safety and efficacy in animal models prior to the continued study of the drug in humans. Featuring contributions from distinguished researchers in the field of cognitive therapy research, *Animal Models of Cognitive Impairment* examines some of the most popular and successful animal archetypes used in the context of drug discovery. It provides integrated coverage of the latest research concerning neuronal systems relevant to cognitive function and dysfunction, assimi
