1.	Record Nr.	UNISA996320733103316
	Titolo	Animal models of cognitive impairment / / edited by Edward D. Levin, Jerry J. Buccafusco
	Pubbl/distr/stampa	Boca Raton : , : CRC/Taylor & Francis, , 2006
	ISBN	0-429-12945-9 1-280-51646-1 9786610516469 1-4200-0433-6
	Descrizione fisica	1 online resource (395 p.)
	Collana	Frontiers in neuroscience
	Altri autori (Persone)	LevinEdward D BuccafuscoJerry J
	Disciplina	573.8 616.8
	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	<ul> <li>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</li> <li>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</li> <li>16. Cognition Models and Drug DiscoveryIndex</li> </ul>

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