1. Record Nr. UNINA9910144725103321

Titolo	Model organisms in spinal cord regeneration [[electronic resource] /] / edited by Catherina G. Becker and Thomas Becker
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2007
ISBN	1-280-85464-2 9786610854646 3-527-61036-7 3-527-61035-9
Descrizione fisica	1 online resource (425 p.)
Altri autori (Persone)	BeckerCatherina G BeckerThomas
Disciplina	616.8 617.482
Soggetti	Spinal cord - Regeneration Regeneration (Biology) Electronic books.
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	Model Organisms in Spinal Cord Regeneration; Contents; Preface; List of Contributors; Part I Mammalian Models of CNS Regeneration; 1 The Role of Inhibitory Molecules in Limiting Axonal Regeneration in the Mammalian Spinal Cord; 1.1 Introduction; 1.1.1 CNS Neurons Have Widely Differing Phenotypes; 1.2 Difficulties in Assessing Axonal Regeneration in the Mammalian Spinal Cord; 1.2.1 Experimental Lesions and Problems of Interpretation; 1.2.2 Tracing Regenerating Axons; 1.2.2.1 Regeneration of Corticospinal Axons is Difficult to Assess 1.2.2.2 Regeneration of Ascending Dorsal Column Axons Can Be Measured Simply and Accurately1.3 Myelin Proteins as Inhibitors of Axonal Regeneration; 1.3.1 Nogo; 1.3.2 OMgp; 1.3.3 MAG; 1.3.4 The Nogo-66 Receptor, NgR1, (RTN4R), and Related Molecules; 1.3.5 Co-Receptors: LINGO-1, p75 and TROY (TAJ); 1.3.6 Signal Transduction from Myelin-Derived Inhibitory Molecules; 1.3.7 The Role of Nogo-A in Axonal Regeneration in the Spinal Cord; 1.3.7.1 Variations in the Extent

Sommario/riassunto

This handbook provides a comprehensive overview for students, clinicians and researchers planning to enter the field of neural regeneration, combining the latest knowledge with an understanding of all important model organisms in one handy volume. By covering the strengths and weaknesses as well as possible applications of different models it saves researchers both time and resources in their choice of the appropriate model organism. An equally valuable introduction for the novice planning to enter the field.

2. Record Nr. UNISA996208082303316

Titolo	Asia-Pacific journal of atmospheric sciences
Pubbl/distr/stampa	[Seoul, Korea] : , : Korean Meteorological Society and Springer
ISSN	1976-7951
Descrizione fisica	1 online resource
Disciplina	551.505
Soggetti	Atmospheric science - Asia Atmospheric science - Pacific Area Meteorology - Asia Meteorology - Pacific Area Climatology Environmental sciences Atmospheric science Meteorology Periodicals. Pacific Area Asia Korea
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

3.

Record Nr.	UNINA9910566472103321
Autore	Aboudzadeh M. Ali
Titolo	Function of Polymers in Encapsulation Process
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (212 p.)
Soggetti	Chemistry Inorganic chemistry Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	An interdisciplinary book that brings together, at an international level, a high-quality collection of reviews and original research articles dealing with the importance of natural or synthetic polymers in encapsulation processes and their applications. A deep understanding and relevant theoretical calculations for exploring the functions of the materials (involved in the formulations) have also been presented along with fundamental investigations. This book has explored the latest research on the function of polymers in encapsulation technology including fundamental theory and experiments together with reviews and articles. Moreover, the present book offers easy-to-achieve approaches that have been developed so far and could create a platform for industrial material production.