

1. Record Nr.	UNINA9911020245403321
Titolo	Growth factors as drugs for neurological and sensory disorders // [editors, Gregory R. Bock (organizer) and Jamie A. Goode]
Pubbl/distr/stampa	Chichester ; ; New York, : Wiley, 1996
ISBN	9786612122460 9781282122468 1282122460 9780470514863 0470514868 9780470514870 0470514876
Descrizione fisica	1 online resource (265 p.)
Collana	Ciba Foundation symposium ; ; 196
Altri autori (Persone)	BockGregory GoodeJamie
Disciplina	616.8/0461
Soggetti	Nervous system - Degeneration - Chemotherapy Nerve growth factor - Therapeutic use Neurotrophin - Therapeutic use Growth factors - Therapeutic use Afferent pathways - Diseases - Chemotherapy Sensory disorders - Chemotherapy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers presented at a symposium held at the Ciba Foundation, London, 25-27 April 1995.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	GROWTH FACTORS AS DRUGS FOR NEUROLOGICAL AND SENSORY DISORDERS; Contents; Participants; Introduction; Motor neuron disease and model systems: aetiologies, mechanisms and therapies; Potential utility of rhIGF-1 in neu romuscular and/or degenerative disease; Therapeutic potential of the n e u r o t r o p h i n s and n e u r o t r o p h i n - C N T F combinations in peripheral neuropathies and motor neuron diseases; Development of neurotrophic factor therapy for Alzheimer's disease Growth factor function in the development and maintenance of

midbrain dopaminergic neurons: concepts, facts and prospects for
TGF- β Somatic gene therapy for nervous system disease; Neurotrophic
factors in the treatment of peripheral neuropathy; General discussion I;
Growth factors in the treatment of degenerative retinal disorders;
Effects of neurotrophins on the survival and regrowth of injured retinal
neurons; Neurotrophic factors as pharmacological agents for the
treatment of injured auditory neurons; Growth factors as potential
drugs for the sensory epithelia of the ear
Factors affecting neuronal birth and death in the mammalian olfactory
epithelium The problems of delivering neuroactive molecules to the
CNS; Closing remarks; Index of contributors; Subject index

Sommario/riassunto

Degeneration of sensory receptors or of the nerves innervating them
leads to a sensory deficit. Various strategies have been tried for
promoting regrowth of sensory receptors, particularly in the eye and
ear. The latest data from experimental studies in animals are presented
in the book including applications of BDNF and CNTF in the eye and
epidermal growth factor in the ear.
