

1. Record Nr.	UNINA9910483169003321
Titolo	Botulinum toxin therapy // Scott M. Whitcup, Mark Hallett, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-66306-X
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (VIII, 289 p.)
Collana	Handbook of experimental pharmacology ; ; Volume 263
Disciplina	615.78
Soggetti	Psychopharmacology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1. Basic Science -- The History of Botulinum Toxins in Medicine: A Thousand Year Journey -- The History of Botulinum Toxins in Medicine: A Thousand Year Journey -- Botulinum Neurotoxins: Mechanism of Action -- Manufacturing and Clinical Formulations of Botulinum Neurotoxins -- Novel Native and Engineered Botulinum Neurotoxins -- Part 2. Clinical Practice -- Clinical Pharmacology of Botulinum Toxin Drugs -- The Use of Botulinum Toxin for Treatment of the Dystonias -- The Use of Botulinum Toxin for Treatment of Spasticity -- Use of Botulinum Toxin in Ophthalmology -- Hyperhidrosis and Aesthetics -- Use of Botulinum Toxin in Genitourinary System -- Gastrointestinal Uses of Botulinum Toxin -- The Use of Botulinum Toxin in the Management of Headache Disorders -- Botulinum Toxin and Pain -- The Use of Botulinum Toxin for Treatment of Depression.
Sommario/riassunto	In a rapidly progressing field, Botulinum Toxin Therapy provides both clinicians and basic researchers with the latest science on the structure and function of botulinum toxins and the use of these toxins to treat a wide variety of diseases. Part 1 of the book reviews the basic science of botulinum toxins including advances in our understanding of the molecular structure and mechanism of action of botulinum toxins. This section also discusses the manufacturing and formulation of botulinum toxins for clinical use and the development of novel therapeutic toxins for the future. Part 2 reviews the use of botulinum toxins in clinical practice. It discusses the clinical pharmacology of botulinum toxin

drugs and their use in a wide variety of clinical conditions including headache, spasticity, pain, disorders of the genitourinary and gastrointestinal tract, strabismus, and medical aesthetics.

---