

1. Record Nr.	UNINA9910298322803321
Titolo	Capsaicin as a Therapeutic Molecule // edited by Omar M. E. Abdel-Salam
Pubbl/distr/stampa	Basel : , : Springer Basel : , : Imprint : Springer, , 2014
ISBN	3-0348-0828-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (325 p.)
Collana	Progress in Drug Research ; ; 68
Disciplina	615.783
Soggetti	Pharmacology Pain medicine Oncology Urology Dermatology Allergy Pharmacology/Toxicology Pain Medicine Allergology
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 at the end of each chapters and index.
Nota di contenuto	Capsaicin and Sensory Neurones: a Historical Perspective -- Pharmacology of the Capsaicin Receptor, Transient Receptor Potential Vanilloid Type 1 Ion Channel -- TRPV1 in the Central Nervous System: Synaptic Plasticity, Function and Pharmacological Implications -- Topical Capsaicin Formulations in the Management of Neuropathic Pain -- Capsaicin-Based Therapies for Pain Control -- Intranasal Capsaicin in Management of Non-allergic (Vasomotor) Rhinitis -- Capsaicin as an Anti-obesity Drug -- The Potential Antitumour Effects of Capsaicin -- Capsaicin as New Orally Applicable Gastroprotective and Therapeutic Drug Alone or in Combination with Non-Steroidal Anti-inflammatory Drugs in Human Healthy Subjects and in Patients -- Calcitonin Gene-Related Peptide as Target of Capsaicin Receptor in the Gut -- Capsaicin for Osteoarthritis Pain -- The Role of Capsaicin in Dermatology -- Use of Vanilloids in Urologic Disorders.

This volume provides an up-to-date account of the achievements pertaining to the application of capsaicin and capsaicin-like molecules in the therapy of various human ailments such as pain, non-allergic rhinitis, obesity, tumors, and gastrointestinal, dermatologic, and urologic disorders. It discusses the basic functions of the capsaicin receptor (TRPV1), its mechanisms of action, and its role in physiological and pathological processes. The text focuses on the most recent progress in the use of capsaicin and capsaicin-like molecules as a therapeutic agent and highlights potential pharmaceutical implications of further TRPV1 research. The chapters are written by noted experts in their fields of endeavor. This book offers both clinicians and researchers valuable resource and reference material on the subject that will stimulate future research.
