

1. Record Nr.	UNINA9910253900703321
Titolo	Translational Research in Pain and Itch // edited by Chao Ma, Yuguang Huang
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2016
ISBN	94-017-7537-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (154 p.)
Collana	Advances in Experimental Medicine and Biology, , 0065-2598 ; ; 904
Disciplina	616.0472
Soggetti	Neurosciences Human physiology Molecular biology Pain medicine Human Physiology Molecular Medicine Pain Medicine
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.
Nota di contenuto	Assessment of Itch vs. Pain in Animal Models and Human Subjects -- Allergic Contact Dermatitis: A Model of Inflammatory Itch and Pain in Human and Mouse -- Modulation of c-nociceptive Activities by Inputs from Myelinated Fibers -- New Mechanism of Bone Cancer Pain: Tumor Tissue-Derived Endogenous Formaldehyde Induced Bone Cancer Pain via TRPV1 Activation -- Neuropathic Pain: Sensory Nerve Injury or Motor Nerve Injury -- Peripheral Nociceptors as Immune Sensors in the Development of Pain and Itch -- Mas-related G protein-coupled Receptors Offer Potential New Targets for Pain Therapy -- Pain Modulation and Transition from Acute to Chronic Pain -- Advances in the Study and Treatment of Neuropathic Pain -- Integrated, team-based Chronic Pain Management: Bridges from Theory and Research to High Quality Patient care.
Sommario/riassunto	This book provides a comprehensive review of the latest advances in translational pain and itch research, and presents the cutting-edge developments in the study of our two principal, yet most mysterious sensations. Despite the slow progress in the discovery of effective

therapies for chronic pain and pruritus, scientists around the globe now have a better understanding of why and how these conditions occur. Based on these findings, a series of novel treatment strategies are currently under development, and hopefully in a few years, medical practitioners will become more confident and optimistic when facing patients with these annoying and sometimes severe disorders. The contributing authors are world-renowned research scientists, who have made significant discoveries. The book is of interest to neuroscientists, neurologists and pharmacologists involved in both basic and clinical work relevant to the research and treatment of pain and/or itch.

---