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Titolo	Small Fiber Neuropathy and Related Syndromes: Pain and Neurodegeneration // edited by Sung-Tsang Hsieh, Praveen Anand, Christopher H. Gibbons, Claudia Sommer
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ISBN	981-13-3545-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXII, 184 p. 25 illus., 22 illus. in color.)
Disciplina	616.8
Soggetti	Neurology Pain medicine Diabetes Neurosciences Neurology Pain Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Overview of small fiber neuropathy and clinical aspects of small fiber neuropathy -- Pathology of small fiber neuropathy: skin biopsy for nociceptive nerve -- Neurophysiology: evoked potential -- Psychophysics -- Autonomic examinations and nerve pathology -- Diabetic neuropathy, metabolic syndrome -- Genetic small fiber neuropathy -- Amyloid neuropathy -- Small fiber involvement in conventional large fiber neuropathy -- Vasculitis and autoimmune disorders, infectious neuropathy -- Pain syndromes -- Visceral pain and hypersensitivity disorders -- Small fiber pathology in neurodegenerative disorders -- Neuropathic pain in small fiber neuropathy -- Therapy for small fiber neuropathy.
Sommario/riassunto	This book provides comprehensive coverage of small fiber neuropathy (SFN), from diagnosis to therapy. It focuses on nerve degeneration and neuropathic pain, and their underlying pathology, physiology, psychophysics, genetics and imaging. In particular, this book describes and discusses the major advances in diagnostic techniques for assessing SFN. These include skin biopsy, evoked potentials,

quantitative sensory testing and functional studies, as biomarkers of SFN. SFN is a common peripheral nerve disorder, but was often overlooked due to a lack of objective and specific diagnostic tests for the assessment of small nerve fibers. These fibers mediate thermal sensation, pain detection (nociception), and autonomic regulation. Major symptoms of SFN include neuropathic pain, impaired sensation and autonomic dysfunction. Neuropathic pain poses a diagnostic challenge to clinicians, an essential step for selecting appropriate treatment to relieve suffering. SFN frequently develops in systemic diseases such as diabetes mellitus, following chemotherapy, infections etc., or presents as a major feature of various genetic neuropathies (e. g. channelopathy and familial amyloidosis). In addition to describing these conditions which lead to SFN, this book also describes related syndromes of neurodegeneration and pain, including fibromyalgia, visceral pain and hypersensitivity. This definitive book covers both clinical aspects and research progress, which provides in-depth and up-to-date information on SFN. It would be immensely useful for clinicians, neurologists, neuroscientists, diabetologists, and pain specialists. Dr. Sung-Tsang Hsieh is a professor at Department of Neurology and Institute of Anatomy and Cell Biology, College of Medicine, National Taiwan University, Taiwan. He is also the associate dean of College of Medicine, National Taiwan University, Taiwan. Dr. Praveen Anand is a professor at Department of Clinical Neurology and head of Centre for Clinical Translation, Hammersmith Hospital, UK. Dr. Christopher Gibbons is an associate professor of Neurology, Harvard Medical School, Beth Israel Deaconess Medical Center, USA. Dr. Claudia Sommer is a professor of Neurology at the Department of Neurology, Würzburg University Hospital, Germany.
