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Nota di contenuto	Potassium channels and vascular tone : structure, regulation, and function / Elisa Cairrao, Ignacio Verde -- The contribution of lymphocyte potassium channels to the perinatal regulation of the immune response in mother and newborn / Gergely Toldi, Barna Vasarhelyi -- Mitochondrial potassium channel : feature and physiological participation / R. Milan, F. Martinez -- Slow potassium channel dysfunction in amyotrophic lateral sclerosis and its in vivo evaluation by threshold tracking / Hiroyuki Nodera -- Characteristics of potassium channels of smooth muscle in health and disease / Yasushi Sakai, Michio Hashimoto -- Individual potassium channel proteins display characteristic patterns in rate cerebellum and olfactory bulb / Angelike Gortzen ... [et al.] -- Plant mitochondrial potassium channel or channels / Donato Pastore, Maura Nicoletta Laus, Mario Soccio -- Involvement of the mitochondrial ATP-sensitive potassium channel in the beneficial effects of fasting on the ischemic-referfused rat heart / M.G. Marina Prendes ... [et al.].
Sommario/riassunto	Potassium channels are the most widely distributed type of ion channel and are found in virtually all living organisms. They form potassium-selective pores that span cell membranes, and are found in most cell types and control a wide variety of cell functions. This book presents current research in the study of potassium channels, including potassium channel activity in the regulation of vascular tone in physiological and pathophysiological conditions; the contribution of lymphocyte potassium channels in the perinatal regulation of the

immune response in both mother and the newborn; slow potassium channel dysfunction in amyotrophic lateral sclerosis and plant mitochondrial potassium channels.