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messengers; Discussion; Control of TRPC and store-operated channels by protein kinase C; Discussion; TRPC4 and TRPC4 deficient mice; Discussion; TRP channels as drug targets; Discussion; Role of TRP channels in oxidative stress; Discussion; Distribution of TRPC channels in a visceral sensory pathway; Discussion; Emerging roles of TRPM channels; Discussion; Final discussion; Index of contributors; Subject index

Sommario/riassunto

This book brings together contributions from key investigators in the area of Transient Receptor Potential (TRP) channel structure and function. It covers the structure, function and regulation of mammalian TRP channels and mechanisms of signal transduction. The discussions indicate research that would improve understanding of the role of TRP channels in normal cellular physiology, the involvement of TRP channels in disease states and their potential use as molecular targets for novel therapeutic agents.
