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mediated signal transduction; Calcium in the action of growth factors; Calcium and the regulation of cytoskeletal assembly, structure and contractility; Calcium and exocytosis; Calcium and morphogenetic fields; Index of contributors; Subject index

Sommario/riassunto

This collection of presentations from the Ciba Foundation Symposium of 1985 deals with the central role of calcium in intracellular processes. Discusses control of intracellular calcium as well as control by intracellular calcium, covering such topics as muscle contraction, metabolic processes, hormone and transmitter secretion, membrane transport and permeability, cellular architecture and growth, and the possible contribution of calcium gradients to early embryonic development. Includes carefully edited and extensive (almost half the book) discussions of chapter topics between active workers
