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Nota di contenuto	Ca ²⁺ signaling in lower eukaryote / I.V. Shemarova -- Role of calcium in stress mediated signaling in plants / Cheshta Sharma, Amita Pandey, Girdhar K. Pandey -- Calmodulin signaling inside-out : intracellular and extracellular calmodulin and its interaction with a matricellular cysteine-rich calmodulin-binding protein / Danton H. O'Day, Robert Huber, Andres Suarez -- A tale of three proteins : the nucleolar calmodulin-binding protein nucleomorphin and its binding partners calcium-binding protein 4a and puromycin-sensitive aminopeptidase / Danton H. O'Day, Andrew Catalano, Yekaterina Poloz -- Insights into the role of intracellular Ca ²⁺ concentration changes during in vitro chondrogenesis / Csaba Matta ... [et al.] -- Cav2.1 channelopathies and mouse genetic approaches for investigating Cav2.1 channel function and dysfunction / Eiki Takahashi -- Regucalcin : role as a suppressor protein in calcium signaling / Masayoshi Yamaguchi -- Calcium ([Ca ²⁺] i) signaling as a key-target for cancer treatment / Ana-Maria Florea, Dietrich Busselberg.