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1. Cold Spring Harb Perspect Biol. 2019 Jul 1;11(7). pii: a035188. doi: 10.1101/cshperspect.a035188. Astroglial Calcium Signaling in Aging and Alzheimer's Disease. Verkhratsky A(1)(2)(3). Author information: (1)Faculty of Biology, Medicine and Health, The University of Manchester, Manchester M13 9PT, United Kingdom.

Astroglial Calcium Signaling in Aging and Alzheimer's Disease.

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The calcium-signalling saga: Tap water and protein crystals. Nat Rev Mol Cell Biol 4: 326-332 ; Dupont G, Combettes L, Bird GS, Putney JW 2011. Calcium oscillations. Cold Spring Harb Perspect Biol 3: a004226. [PMC free article] Galione A 2011. NAADP receptors, Cold Spring Harb Perspect Biol 3: a004036. [PMC free article]

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Cold Spring Harb Perspect Biol published online August 29, 2011 Claire J. Fearnley, H. Llewelyn Roderick and Martin D. Bootman Calcium Signaling in Cardiac Myocytes Subject Collection Calcium Signaling Perspectives on Mechanism and Function Store-Operated Calcium Channels: New Richard S. Lewis Calcium Signaling in Neuronal Development

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Signaling in muscle contraction - PubMed

Calcium Signaling was edited by Martin D. Bootman, The Babraham Institute; Michael J. Berridge, The Babraham Institute James W. Putney, National Institutes of Health and H. Llewelyn Roderick, The Babraham Institute and published by Cold Spring Harbor Laboratory Press (© 2011).

CSHLPress.com - Germ cells golgi calcium signaling

Rhythmic increases in intracellular Ca²⁺ concentration underlie the contractile function of the heart. These heart muscle-wide changes in intracellular Ca²⁺ are induced and coordinated by electrical depolarization of the cardiomyocyte sarcolemma by the action potential. Originating at the sinoatrial node, conduction of this electrical signal throughout the heart ensures synchronization of ...

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Calcium signaling is the use of calcium ions (Ca²⁺) to communicate and drive intercellular processes often as a step in signal transduction. Ca²⁺ is important for cellular signalling, ... Cold Spring Harbor Perspectives in Biology. 3 (9): a004549.

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