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- Cover** Cartoon depicting various representative molecules in the Ca^{2+} channel complex that regulate Ca^{2+} transfer at mitochondria-associated ER membranes (MAMs). ER, endoplasmic reticulum; IMM, inner mitochondrial membrane; OMM, outer mitochondrial membrane; MFN1/2, mitofusin 1/2; MCU, mitochondrial calcium uniporter; NCLX, $\text{Na}^+/\text{Ca}^{2+}/\text{Li}^+$ permeable exchanger; VDAC1, voltage-dependent anion channel; IP3R, inositol 1,4,5-triphosphate receptor; GRP75, chaperone 75 kDa glucose-regulated protein; FUNDC1, FUN14 domain containing 1; Sig-1R, the sigma-1 receptor; PTPN51, protein tyrosine phosphatase-interacting protein 51; and VAPB, vesicle-associated membrane protein-associated protein B. See the article in pages 1301–1309.

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