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- **Cover image:** A schematic representation of the potential effect (in low intracellular Ca²⁺ conditions) of the Ca²⁺-binding, EF-hand-containing cytoskeletal protein EFhd2 on kinesin-mediated transport and actin dynamics in presynaptic compartments. For a detailed overview of the links between EFhd2 and neurodegeneration, see the review by Mielenz and Gunn-Moore in this issue (Volume 473, Issue 16, pages 2429–2437).