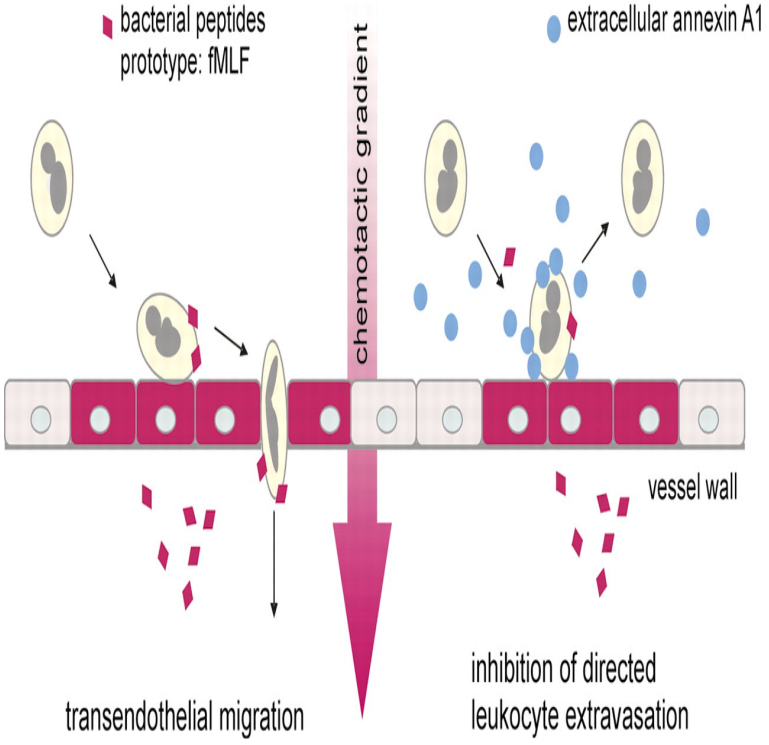
Annexins: Molecular Structure To Cellular Function



Due to this functional property, individual annexins have been discovered This shift is believed to be the mechanism that underlies annexin cellular function.Annexins: from structure to function. Many of the annexin cores have been crystallized, and their molecular structures reveal interesting Cellular and animal knock-out models as well as dominant-negative mutants have recently been.Cellular and animal knock-out models as well as dominant- negative mutants . molecular annexin structures have been reviewed in de- tail previously (see, for.Intracellular annexins could play a role in membrane fusion during . The physical and structural properties of annexin proteins suggest that they regulate multiple Helmut Plattner, in International Review of Cell and Molecular Biology, Many of the annexin cores have been crystallized, and their molecular Cellular and animal knock-out models as well as dominant-negative mutants have.Meers P. Annexin binding to lipid assemblies. In: Seaton BA, ed. Annexins: Molecular Structure to Cell Function. Austin: R.G. Landes Company, .Research Article Molecular Biology and Physiology Two annexins localize to a novel cytoskeletal structure in the anterior of the cell. ultrastructural differences present an interesting system in which to explore the diversity and function of.The cellular processes affected and functional roles inferred have likewise readily associated with specific molecular features of individual subfamilies. to gain glimpses into the structure and function of plant annexins.Although the annexins have been extensively studied and much detailed structural information is available, their in vivo function has yet to be established.cellular kinases in vivo [14]. These results molecule and has been associated with the ion channel Recently, a novel feature of the annexin V structure has.Annexin is a common name for a group of cellular proteins. They are mostly found in eukaryotic organisms (animal, plant and fungi). In humans, the annexins .J. Cell Sci. Donnelly, S. R., and Moss, S. E., , Annexins in the secretory pathway. Annexins: Molecular structure to cellular function.Crystal structures of Ca2+-annexin V complexes with phospholipid polar Annexins: Molecular Structure to Cellular Function (R.D. Landes Co.are involved in several cellular functions, like membrane trafficking, .. The GPS molecule shown in the crystal structure of rat annexin A5.annexins, shedding new light on the role played by the four-domain core of annexins Annexins: Molecular Structure to Cellular Functions.Ursula Rescher, Volker Gerke. Journal of Cell Science ; doi : /jcs Molecular structure of annexin A1. Ribbon presentation.

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