JGP

The Journal of General Physiology
Vol 128 • No 6 • December 2006

General Physiology is the study of biological mechanisms through analytical investigations, which decipher the molecular and cellular mechanisms underlying biological function at all levels of organization.

The mission of the *Journal of General Physiology* is to publish articles that elucidate important biological, chemical, or physical mechanisms of broad physiological significance.

COMMENTARIES

ARTICLES

Cover picture: (Top) Neuronal activity induces regenerative calcium waves and local calcium release events in a perivascular astrocytic endfoot and processes abutting an arteriole in a cortical brain slice. (Bottom) Calcium release from spatially localized regions summates into a global calcium signal in an astrocytic endfoot (see article by Straub et al., 659–669).