

CONTENTS · THE JOURNAL OF
General Physiology

VOLUME 73 · NUMBER 4 · APRIL 1979

- 385 LUIS REUSS, ELSA BELLO-REUSS, and TIMOTHY P. GRADY. Effects of ouabain on fluid transport and electrical properties of *Necturus* gallbladder. Evidence in favor of a neutral basolateral sodium transport mechanism
- 403 MAGDA HORACKOVA and GUY VASSORT. Sodium-calcium exchange in regulation of cardiac contractility. Evidence for an electrogenic, voltage-dependent mechanism
- 425 JAMES J. DONOVAN and RAMON LATORRE. Inactivation of the alamethicin-induced conductance caused by quaternary ammonium ions and local anesthetics
- 453 G. MARÉCHAL and L. PLAGHKI. The deficit of the isometric tetanic tension redeveloped after a release of frog muscle at a constant velocity.
- 469 LAURINDA A. JAFFE, MEREDITH GOULD-SOMERO, and LINDA HOLLAND. Ionic mechanism of the fertilization potential of the marine worm, *Urechis caupo* (echiura)
- 493 S. GRINSTEIN, L. MCCULLOCH, and A. ROTHSTEIN. Transmembrane effects of irreversible inhibitors of anion transport in red blood cells. Evidence for mobile transport sites