

CONTENTS · THE JOURNAL OF  
General Physiology

---

VOLUME 99 · NUMBER 5 · MAY 1992

---

- 665 TOSHIKI NAKAJIMA, TSUNEAKI SUGIMOTO, and YOSHIHISA KURACHI. Effects of anions on the G protein-mediated activation of the muscarinic K<sup>+</sup> channel in the cardiac atrial cell membrane. Intracellular chloride inhibition of the GTPase activity of G<sub>K</sub>
- 683 XIAN-GANG ZONG, MARTIN DUGAS, and PETER HONERJÄGER. Relation between veratridine reaction dynamics and macroscopic Na current in single cardiac cells
- 699 PETER HONERJÄGER, MARTIN DUGAS, and XIAN-GANG ZONG. Mutually exclusive action of cationic veratridine and cevadine at an intracellular site of the cardiac sodium channel
- 721 HEIMO MAIRBÄURL and JOSEPH F. HOFFMAN. Internal magnesium, 2,3-diphosphoglycerate, and the regulation of the steady-state volume of human red blood cells by the Na/K/2Cl cotransport system
- 747 ENRICO NASI and MARIA DEL PILAR GOMEZ. Light-activated ion channels in solitary photoreceptors of the scallop *Pecten irradians*
- 771 SHERWIN C. LEE, DANIEL I. LEVY, and CAROL DEUTSCH. Diverse K<sup>+</sup> channels in primary human T lymphocytes
- 795 DONALD A. MARTYN and ALBERT M. GORDON. Force and stiffness in glycerinated rabbit psoas fibers. Effects of calcium and elevated phosphate
- 817 WALTER F. BORON and ROGER C. KNAKAL. Na<sup>+</sup>-dependent Cl-HCO<sub>3</sub> exchange in the squid axon. Dependence on extracellular pH