

CONTENTS · THE JOURNAL OF  
General Physiology

---

VOLUME 73 · NUMBER 5 · MAY 1979

---

- 517 BARUCH MINKE and KUNO KIRSCHFELD. The contribution of a sensitizing pigment to the photosensitivity spectra of fly rhodopsin and metarhodopsin
- 541 FREDERICK CRESCITELLI. The gecko visual pigments. The behavior of opsin
- 553 E. HOMSHER, C. J. KEAN, A. WALLNER, and V. GARIBIAN-SARIAN. The time-course of energy balance in an isometric tetanus
- 569 ROBERT J. CONTRERAS and MARION FRANK. Sodium deprivation alters neural responses to gustatory stimuli
- 595 F. RAMÓN and J. W. MOORE. Propagation of action potentials in squid giant axons. Repetitive firing at regions of membrane inhomogeneities
- 605 KEN VACA and GUILLERMO PILAR. Mechanisms controlling choline transport and acetylcholine synthesis in motor nerve terminals during electrical stimulation
- 629 MICHAEL L. WOODRUFF and M. DERIC BOWNS. Amplitude, kinetics, and reversibility of a light-induced decrease in guanosine 3',5'-cyclic monophosphate in frog photoreceptor membranes
- 655 MARYANNA P. HENKART and PHILLIP G. NELSON. Evidence for an intracellular calcium store releasable by surface stimuli in fibroblasts (L cells)
- 675 LETTERS TO THE EDITOR
- P. G. KOSTYUK, O. A. KRISHTAL, V. I. PIDOPLICHKO, and YU. A. SHAKHOVALOV. Kinetics of calcium inward current activation
- A. M. BROWN, K. S. LEE, and N. AKAIKE. Reply to the letter on the kinetics of calcium inward current activation