

CONTENTS · THE JOURNAL OF  
General Physiology

---

VOLUME 76 · NUMBER 1 · JULY 1980

---

- 1 R. T. MATHIAS, R. A. LEVIS, and R. S. EISENBERG Electrical models of excitation-contraction coupling and charge movement in skeletal muscle
- 33 LUIS REUSS, STEVEN A. WEINMAN, and TIMOTHY P. GRADY Intracellular  $K^+$  activity and its relation to basolateral membrane ion transport in *Necturus* gallbladder epithelium
- 53 RICHARD M. COSTANZO and ROBERT J. O'CONNELL Receptive fields of second-order neurons in the olfactory bulb of the hamster
- 69 JAVIER NARVARTE and ARTHUR L. FINN Anion-sensitive sodium conductance in the apical membrane of toad urinary bladder
- 83 TED BEGENISICH and PAUL DE WEER Potassium flux ratio in voltage-clamped squid giant axons
- 99 R. A. SJODIN Contribution of Na/Ca transport to the resting membrane potential
- 109 HYUN DJU KIM, B. ELLEN THEG, and PETER K. LAUF LK sheep reticulocytosis Effect of anti-L on K influx and in vitro maturation