

CONTENTS · THE JOURNAL OF
General Physiology

VOLUME 79 · NUMBER 3 · MARCH 1982

- 333 JOSEPH PATLAK and RICHARD HORN. Effect of *N*-bromoacetamide on single sodium channel currents in excised membrane patches
- 353 M. ZAMIR and J. A. MEDEIROS. Arterial branching in man and monkey
- 361 BARUCH MINKE. Light-induced reduction in excitation efficiency in the *trp* mutant of *Drosophila*
- 387 JAMES E. HALL and MICHAEL D. CAHALAN. Calcium-induced inactivation of alamethicin in asymmetric lipid bilayers
- 411 MICHAEL D. CAHALAN and JAMES E. HALL. Alamethicin channels incorporated into frog node of Ranvier. Calcium-induced inactivation and membrane surface charges
- 437 JOHN W. PETERSON III. Rate-limiting steps in the tension development of freeze-glycerinated vascular smooth muscle
- 453 LOUIS SIMCHOWITZ, ISAIAS SPILBERG, and PAUL DE WEER. Sodium and potassium fluxes and membrane potential of human neutrophils. Evidence for an electrogenic sodium pump
- 481 BO-ERIC PERSSON and KENNETH R. SPRING. Gallbladder epithelial cell hydraulic water permeability and volume regulation
- 507 J. T. VAN BRUGGEN, BRENT CHALMERS, and MERTIE MULLER. Effects of solvent and solute drag on transmembrane diffusion