

- 675 LAWRENCE G. PALMER. *Commentary*: Epithelial Na channels: Why all the subunits?
- 677 EDWIN W. MCCLESKEY. *Commentary*: Biophysics of a trespasser: Na⁺ block of Ca²⁺ channels
- 681 CARMEL M. MCNICHOLAS and CECILIA M. CANESSA. Diversity of channels generated by different combinations of epithelial sodium channel subunits
- 693 LUIS POLO-PARADA and STEPHEN J. KORN. Block of N-type calcium channels in chick sensory neurons by external sodium
- 703 YONG YAO and ROGER Y. TSIEN. Calcium current activated by depletion of calcium stores in *Xenopus* oocytes
- 717 SATOMI ADACHI-AKAHANE, LIYAN LU, ZHAOPING LI, J.S. FRANK, KENNETH D. PHILIPSON, and MARTIN MORAD. Calcium signaling in transgenic mice overexpressing cardiac Na⁺-Ca²⁺ exchanger
- 731 MIYUKI KUNO, JUNKO KAWAWAKI, and FUSAO NAKAMURA. A highly temperature-sensitive proton current in mouse bone marrow-derived mast cells
- 741 DAVID OGDEN and THIERRY CAPIOD. Regulation of Ca²⁺ release by InsP₃ in single guinea pig hepatocytes and rat Purkinje neurons
- 757 HAI-LONG WANG, ANTHONY AUERBACH, NINA BREN, KINJI OHNO, ANDREW G. ENGEL, and STEVEN M. SINE. Mutation in the M1 domain of the acetylcholine receptor α subunit decreases the rate of agonist dissociation
- 767 CHAR-CHANG SHIEH, KATHRYN G. KLEMIC, and GLENN E. KIRSCH. Role of transmembrane segment S5 on gating of voltage-dependent K⁺ channels
- 779 YOUSHAN YANG, YANGYANG YAN, and FRED J. SIGWORTH. How does the W434F mutation block current in *Shaker* potassium channels?
- 791 AUTHOR INDEX TO VOLUME 109