

- 615 OLAF SPARRE ANDERSEN. Editorial: Perspectives in general physiology
- 617 KEVIN STRANGE. *Perspective*: Molecular identity of the outwardly rectifying, swelling-activated anion channel: time to reevaluate pICln
- 623 DAVID E. CLAPHAM. *Perspective*: The list of potential volume-sensitive chloride currents continues to swell (and shrink)
- 625 MICHAEL J. ROUX, RICCARDO OLCESE, LIGIA TORO, FRANCISCO BEZANILLA, and ENRICO STEFANI. Fast inactivation in *Shaker* K⁺ channels: Properties of ionic and gating currents
- 639 LIHUI TANG, NABIL CHEHAB, STEVEN J. WIELAND, and ROLAND G. KALLEN. Glutamine substitution in Alanine¹⁶⁴⁹ in the S4–S5 cytoplasmic loop of domain 4 removes the voltage sensitivity of fast inactivation in the human heart sodium channel
- 653 G.Y. RYCHKOV, M. PUSCH, M.L. ROBERTS, T.J. JENTSCH, and A.H. BRETAG. Permeation and block of the skeletal muscle chloride channel, ClC-1, by foreign anions
- 667 TIMOTHY A. GILBERTSON and HUAI ZHANG. Self-inhibition in amiloride-sensitive sodium channels in taste receptor cells
- 679 ASHUTOSH TRIPATHY, WOLFGANG RESCH, LE XU, HECTOR H. VALDIVIA, and GERHARD MEISSNER. Imperatoxin A induces subconductance states in Ca²⁺ release channels (ryanodine receptors) of cardiac and skeletal muscle
- 691 ALEXANDER OMELCHENKO, CHRISTOPHER DYCK, MARK HNATOWICH, JOHN BUCHKO, DEBORA A. NICOLL, KENNETH D. PHILIPSON, and LARRY V. HRYSHKO. Functional differences in ionic regulation between alternatively spliced isoforms of the Na⁺-Ca²⁺ exchanger from *Drosophila melanogaster*