

- 1 OLAF SPARRE ANDERSEN. Editorial
- 3 DANIEL TRANCHINA. *Commentary*: The calculus of rod phototransduction
- 7 S. NIKONOV, N. ENGHETA, and E.N. PUGH, JR. Kinetics of recovery of the dark-adapted salamander rod photoresponse
- 39 PETER D. CALVERT, THERESA W. HO, YVETTE M. LEFEBVRE, and VADIM Y. ARSHAVSKY. Onset of feedback reactions underlying vertebrate rod photoreceptor light adaptation
- 53 A.P. SAMPATH, H.R. MATTHEWS, M.C. CORNWALL, and G.L. FAIN. Bleached pigment produces a maintained decrease in outer segment Ca^{2+} in salamander rods
- 65 J. MOSBACHER, M. LANGER, J.K.H. HÖRBER, and F. SACHS. Voltage-dependent membrane displacements measured by atomic force microscopy
- 75 GALEN EAHOLTZ, WILLIAM N. ZAGOTTA, and WILLIAM A. CATTERALL. Kinetic analysis of block of open sodium channels by a peptide containing the isoleucine, phenylalanine, and methionine (IFM) motif from the inactivation gate
- 83 VASANTH VEDANTHAM, and STEPHEN C. CANNON. Slow inactivation does not affect movement of the fast inactivation gate in voltage-gated Na^+ channels
- 95 E. ETIENNE VERHEIJCK, RONALD WILDERS, RONALD W. JOYNER, DAVID A. GOLOD, RAJIV KUMAR, HABO J. JONGSMA, LENNART N. BOUMAN, and ANTONI C.G. VAN GINNEKEN. Pacemaker synchronization of electrically coupled rabbit sinoatrial node cells
- 113 YONG G. WANG, CHRISTINE E. RECHENMACHER, and STEPHEN L. LIPSIVS. Nitric oxide signaling mediates stimulation of L-type Ca^{2+} current elicited by withdrawal of acetylcholine in cat atrial myocytes
- 127 AHMED CHRAÏBI, VÉRONIQUE VALLET, DMITRI FIRSOV, SOLANGE KHAROUBI HESS, and JEAN-DANIEL HORISBERGER. Protease modulation of the activity of the epithelial sodium channel expressed in *Xenopus* oocytes
- 139 ULRICH R. MAUERER, EMILE L. BOULPAEP, and ALAN S. SEGAL. Properties of an inwardly rectifying ATP-sensitive K^+ channel in the basolateral membrane of renal proximal tubule
- 161 ULRICH R. MAUERER, EMILE L. BOULPAEP, and ALAN S. SEGAL. Regulation of an inwardly rectifying ATP-sensitive K^+ channel in the basolateral membrane of renal proximal tubule