

NUMBER 3, JANUARY, 1962

- 371 WINEGRAD, SAUL, and SHANES, ABRAHAM M. Calcium flux and contractility in guinea pig atria
- 395 WEED, R., EBER, J., and ROTHSTEIN, A. Interaction of mercury with human erythrocytes
- 411 SAKAI, HIKOICHI. Studies on sulfhydryl groups during cell division of sea urchin egg. IV. Contractile properties of the thread model of KCl-soluble protein from the sea urchin egg
- 427 SAKI, HIKOICHI. Studies on sulfhydryl groups during cell division of sea urchin egg. V. Change in contractility of the thread model in relation to cell division
- 439 COX, RODY P., and MACLEOD, COLIN M. Alkaline phosphatase content and the effects of prednisolone on mammalian cells in culture
- 487 EVANS, DAVID R., and MELLON, DEFOREST, JR. Electrophysiological studies of a water receptor associated with the taste sensilla of the blowfly
- 501 PATTERSON, R., YOUNGNER, J. S., WEIGLE, W. O., and DIXON, F. J. The metabolism of serum proteins in the hen and chick and secretion of serum proteins by the ovary of the hen
- 515 FRAZIER, HOWARD S. The electrical potential profile of the isolated toad bladder
- 529 FRAZIER, HOWARD S., DEMPSEY, ELEANOR F., and LEAF, ALEXANDER. Movement of sodium across the mucosal surface of the isolated toad bladder and its modification by vasopressin
- 545 PONDER, ERIC. The coefficient of thermal conductivity of blood and of various tissues
- 553 VESELL, ELLIOT S., and BEARN, ALEXANDER G. Variations in the lactic dehydrogenase of vertebrate erythrocytes
- 567 ANDERSON, JOHN D. Potassium loss during galvanotaxis of slime mold
- 575 PEPEU, G., and GIARMAN, N. J. Serotonin in the developing mammal
- 587A ABSTRACTS OF PAPERS PRESENTED AT THE SIXTEENTH ANNUAL MEETING OF THE SOCIETY OF GENERAL PHYSIOLOGISTS