

BIOPHYSICAL JOURNAL

CONTENTS

June 1974 volume 14 number 6

- 439 DIFFERENTIAL LIGHT SCATTERING FROM SPHERICAL MAMMALIAN CELLS. *Albert Brunsting and Paul F. Mullaney*
- 454 PHOTOREACTIVATION AND EXCISION REPAIR OF ULTRAVIOLET RADIATION-INJURED DNA IN PRIMARY EMBRYONIC CHICK CELLS. *M. C. Paterson, P. H. M. Lohman, E. A. De Weerd-Kastelein, and A. Westerveld*
- 467 PHOTOELECTRON QUANTUM YIELDS OF THE AMINO ACIDS. *Rudy J. Dam, Charles A. Burke, and O. Hayes Griffith*
- 473 ELECTRICAL RESPONSE TO VIBRATION OF A LIPID BILAYER MEMBRANE. *Alfred L. Ochs and Robert M. Burton*
- 490 DERIVATION OF A QUANTITATIVE KINETIC MODEL FOR A VISUAL PIGMENT FROM OBSERVATIONS OF EARLY RECEPTOR POTENTIAL. *B. Minke, S. Hochstein, and P. Hillman*
- Letters to the Editor*
- 513 REPLY TO "COMMENTS ON ELECTRICAL FLUCTUATIONS ASSOCIATED WITH ACTIVE TRANSPORT." *John R. Segal*
- 514 FLUID FLOW THROUGH SMALL PORES. *Donald G. Davis and Eugene M. Renkin*