

BIOPHYSICAL JOURNAL

CONTENTS

November 1971 volume 11 number 11

- 851 A MECHANOCHEMICAL MODEL OF FLAGELLAR ACTIVITY. *C. A. Miles and M. E. J. Holwill*
- 860 ANALYSIS OF CHEMOTAXIS IN WHITE BLOOD CELLS. *Rustem Igor Gamow, Bärbel Böttger, and Frank S. Barnes*
- 868 A STORED CHARGE MODEL FOR THE SODIUM CHANNEL. *Rosalie C. Hoyt and Jay D. Strieb*
- 886 A MODEL OF RESPIRATORY HEAT TRANSFER IN A SMALL MAMMAL. *J. C. Collins, T. C. Pilkington, and K. Schmidt-Nielsen*
- 915 THE KINETICS OF SELECTIVE BIOLOGICAL TRANSPORT. V. FURTHER DATA ON THE ERYTHROCYTE-MONOSACCHARIDE TRANSPORT SYSTEM. *D. M. Miller*
- 924 PASSIVE ASYMMETRIC TRANSPORT THROUGH BIOLOGICAL MEMBRANES. *Jerome S. Schultz*
- 944 DIRECT EFFECTS ON THE MEMBRANE POTENTIAL DUE TO "PUMPS" THAT TRANSFER NO NET CHARGE. *Tobias L. Schwartz*
- 961 *Letters to the Editor*
- THE RELATIONSHIP BETWEEN CELL GROWTH AND GENERATION TIME. *H. E. Kubitschek*
- REACTIVITY OF PURINE AND PYRIMIDINE BASES TOWARD SINGLET OXYGEN. *I. Rosenthal and J. N. Pitts, Jr.*
- APPLICATION OF NEURAL NETWORK MODELS. *H. A. Germer, Jr.*
- QUANTITATIVE MEASUREMENT OF  $1/f$  NOISE AND MEMBRANE THEORY. *Franklin F. Offner*