

QUARTERLY REVIEWS OF BIOPHYSICS

CONTENTS

GEORGE T. REYNOLDS	Image intensification applied to biological problems	295
STANLEY D. CARLSON	Microspectrophotometry of visual pigments	349
FRANCO CELADA and ROBERTO STROM	Antibody-induced conformational changes in proteins	395
News from IUPAB		427



CAMBRIDGE UNIVERSITY PRESS
Published for the International Union for
Pure and Applied Biophysics

COUNCIL OF IUPAB

- F. Lynen (Fed. Rep. Germany), *President*
B. Chance (U.S.A) *Vice-President*
J. C. Kendrew (United Kingdom), *Hon. Vice-President*
R. D. Keynes (United Kingdom) *Secretary-General*
- | | |
|-------------------------------|----------------------------------|
| A. Ehrenberg (Sweden) | F. Oosawa (Japan) |
| A. R. Gopal-Ayengar (India) | B. Pullman (France) |
| F. Hutchinson (U.S.A.) | W. Reichardt (Fed. Rep. Germany) |
| L. Kayushin (U.S.S.R.) | M. Sela (Israel) |
| E. Kellenberger (Switzerland) | J. Tigyí (Hungary) |
| O. Maaløe (Denmark) | C. A. Tobias (U.S.A.) |

Quarterly Reviews of Biophysics is the official organ of the International Union for Pure and Applied Biophysics (IUPAB). It is edited for the Council by: Professor Arne Engström, Department of Medical Physics, Karolinska Institutet, Stockholm 60, Sweden; Professor A. Ehrenberg, Department of Biophysics, University of Stockholm, Sweden; Dr R. D. Keynes, A.R.C. Institute of Animal Physiology, Babraham, Cambridge, England; Professor A. K. Solomon, Biophysical Laboratory, Harvard Medical School, Boston 15, Mass., U.S.A.

© Cambridge University Press, 1972

Permissions. For permission to reproduce material from *Quarterly Reviews of Biophysics*, please apply to the London or New York office of Cambridge University Press.

ISI Tear Service, 325 Chestnut Street, Philadelphia, Pennsylvania 19106, U.S.A. is authorized to supply single copies of separate articles for private use only.

Subscriptions. *Quarterly Reviews of Biophysics* is published quarterly. A complete volume may be purchased at the subscription price (which includes postage) if payment is made before publication of the volume is complete. The subscription price is £7.00 net (\$22.50 in U.S.A. and Canada). Single parts cost £2.50 net (\$7.50 in U.S.A. and Canada) plus postage. Orders should be sent to a bookseller or to Cambridge University Press, Bentley House, 200 Euston Road, London NW1 2DB or to Cambridge University Press American Branch, 32 East 57th Street, New York, N.Y. 10022.

Second class postage paid at New York, N.Y.