BIOPHYSICAL CHEMISTRY

An International Journal devoted to the Physics and Chemistry of Biological Phenomena

Aims and Scope of the Journal

The journal is devoted to the interpretation of biological phenomena in terms of the principles and methods of physics and chemistry. It is receptive to articles which deal with biological molecules and systems, and to papers which treat systems serving as models for these. Treatments, phenomenological as well as molecular, of the interactions, structure and biological functions of individual biological macromolecules and of supramolecular structures are also within the journal's domain.

EDITORS

A. WATTS (Principal Editor) Department of Biochemistry University of Oxford South Parks Road Oxford OX1 3QU, U.K. (Telefax: 44-86-5275259)

C. BLOMBERG Department of Theoretical Physics Royal Institute of Technology S-100 44 Stockholm, Sweden (Telefax: 46-8-104879) H. EISENBERG Department of Structural Biology The Weizmann Institute of Science P.O. Box 26 Rehovot 76100, Israel (Telefax: 972-8-344105)

H. MAEDA Department of Chemistry Kyushu University Hakozaki, Higashi-ku, Fukuoka 812 Japan (Telefax: 81-926-322734) G. SCHWARZ Abt. Biophysik. Chemie Biozentrum der Universität Basel Klingelbergstrasse 70 CH-4056 Basel, Switzerland (Telefax: 41-61-2672189)

R.F. STEINER Chemistry Department University of Maryland Baltimore County 5401 Wilkens Avenue Baltimore, MD 21228, U.S.A. (Telefax: 1-410-4552608)

Founding Honorary Editor M. MANDEL (Leiden, The Netherlands)

ADVISORY EDITORIAL BOARD

E.T. ADAMS, College Station, TX (U.S.A.) J.M. BEECHEM, Nashville, TN (U.S.A.) T. BIRSHTEIN, St. Petersburg (Russia) M. BRUNORI, Rome (Italy) E. BUCCI, Baltimore, MD (U.S.A.) S.R. CAPLAN, Rehovot (Israel) V. CRESCENZI, Rome (Italy) K.A. DILL, San Francisco, CA (U.S.A.) M. EIGEN, Göttingen (F.R.G.) J. ENGEL, Basel (Switzerland) G. FELSENFELD, Bethesda, MD (U.S.A.) N. GO, Kyoto (Japan) A. GOLDBETER, Brussels (Belgium) A. GRÄSLUND, Stockholm (Sweden) H. GUTFREUND, Bristol (U.K.) C.W. HILBERS, Nijmegen (The Netherlands) H.-J. HINZ, Münster (F.R.G.) C. HO, Pittsburgh, PA (U.S.A.) R. JAENICKE, Regensburg (F.R.G.) T. KAWAKUBO, Yokohama (Japan) G. LÖBER, Jena (F.R.G.)

R. LUMRY, Minneapolis, MN (U.S.A.) E. NEUMANN, Bielefeld (F.R.G.) W.K. OLSON, Piscataway, NJ (U.S.A.) P.L. PRIVALOV, Baltimore, MD (U.S.A.) O.B. PTITSYN, Moscow (U.S.S.R.) B. ROBSON, Manchester (U.K.) J.A. SCHELLMAN, Oregon (U.S.A.) F.W. SCHNEIDER, Würzburg (F.R.G.) J. SEELIG, Basel (Switzerland) I. TINOCO, Berkeley, CA (U.S.A.) K. VAN DAM, Amsterdam (The Netherlands) A.J.W.G. VISSER, Wageningen (The Netherlands) A. WADA, Tokyo (Japan) P. WAHL, Orléans (France) G. WEILL, Strasbourg (France) H. WENNERSTRÖM, Lund (Sweden) H.V. WESTERHOFF, Amsterdam (The Netherlands) K.L. WIERZCHOWSKI, Warsaw (Poland) K. WÜTHRICH, Zürich (Switzerland) G. ZACCAÏ, Grenoble (France) B.H. ZIMM, La Jolla, CA (U.S.A.)

Biophysical Chemistry is published monthly. For 1995, 5 volumes, volumes 52–56, are scheduled for publication. Subscription prices are available upon request from the publisher. Subscriptions are accepted on a prepaid basis only. The Journal will be sent by SAL (Surface Air Lifted) mail whenever this service is available. Airmail rates are available upon request. Subscription orders can be entered only by calender year and should be sent to: ELSEVIER SCIENCE B.V., P.O. Box 211, 1000 AE Amsterdam, The Netherlands. Tel.: 31-20-5803642, FAX: 31-20-5803598, or to your usual subscription agent. A specimen copy will be sent on request. Claims for issues not received should be made within six months of publication of the issues. If not, they cannot be honoured free of charge. Customers in the U.S.A. and Canada wishing information on this and other Elsevier Journals, please contact Elsevier Science Company Inc., Journal Information Center, 655 Avenue of the Americas, New York, NY 10010. Tel.: (212) 633-3750, FAX: (212) 633-3764. For advertising rates apply to the publishers.

US mailing notice – Biophysical Chemistry (ISSN 0301-4622) is published monthly by Elsevier Science B.V., Molenwerf 1, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. Annual subscription price in the U.S.A. is US\$ 908.00, including air speed delivery, valid in North, Central and South America only. Application to mail at second class postage paid at Jamaica, NY 11431.

USA POSTMASTERS: Send address changes to Biophysical Chemistry, Publications Expediting, Inc., 200 Meacham Avenue, Elmont, NY 11003. Airfreight and mailing in the USA by Publication Expediting.