EDITORS-IN-CHIEF

J. R. PASQUALINI and R. SCHOLLER, Foundation for Hormone Research, 26 Boulevard Brune, 75014-Paris, France

ASSOCIATE EDITORS

H. ADLERCREUTZ, Helsinki, Finland H. Breuer, Bonn, Germany H. CARSTENSEN, Umea, Sweden J. CRABBÉ, Brussels, Belgium J. K. GRANT, Glasgow, Scotland E. GURPIDE, New York, U.S.A. E. V. JENSEN, Chicago, Ill., U.S.A. A. E. KELLIE, London, England L. MARTINI, Milan, Italy A. Munck, Hanover, N.H., U.S.A. J. K. NORYMBERSKI, Sheffield, England . B. W. O'MALLEY, Houston, Texas, U.S.A.

CORRESPONDING EDITORS

A. AAKVAAG, Oslo, Norway A. E. ARGÜELLES, Buenos Aires, Argentina M. K. Birmingham, Montreal, Canada A. M. BONGIOVANNI, Ponce, Puerto Rico · A. O. Bosch, Madrid, Spain J. H. CLARK, Houston, Texas, U.S.A. J. P. Coghlan, Victoria, Australia C. Conti, Rome, Italy O. Dominguez, Mexico City, Mexico K. B. EIK-NES, Trondheim, Norway M. FEIGELSON, The Roosevelt Hospital, New York, U.S.A. J. FISHMAN, Bronx, New York, U.S.A. K. FOTHERBY, London, England V. Hansson, Oslo, Norway J. KATO, Tokyo, Japan S. KORENMAN, IOWA, U.S.A. D. T. KRIEGER, New York, U.S.A. C. P. Lantos, Buenos Aires (Nunez), Argentina H. R. LINDNER, Rehovet, Israel · W. I. P. MAINWARING, London, England · J. C. Melby, Boston, Mass., U.S.A. P. DE MOOR, Leuven, Belgium J. MÜLLER, Zurich, B. E. P. MURPHY, Montreal, Canada Switzerland R. NEHER, Basel, G. A. Puca, Naples, Italy E. M. RITZEN, Stockholm, Switzerland . Sweden M. SAFFRAN, Toledo, Ohio, U.S.A. T. SANDOR, Montreal, Canada K. Schubert, Jena, G.D.R. J. Sjovall, Stockholm, Sweden A. Spät, Budapest, Hungary · L. STÁRKA, Prague, Czechoslovakia · K. F. STØA, Bergen, Norway G. P. Talwar, New Delhi, India B. Tamaoki, Chiba-shi, Japan W. TAYLOR, Newcastle u. Tyne, England D. Toft, Minnesota, U.S.A. E. B. THOMPSON, Bethesda, Maryland, U.S.A. · A. VERMEULEN, Ghent, Belgium R. VIHKO, Oulu, Finland . C. A. VILLEE JR, Boston, Mass. U.S.A. K. D. Voigt, Hamburg, West Germany N. A. Yudaev, Moscow, U.S.S.R. Honorary Member: R. IGLESIAS, Sanciago, Chile

Publishing Office:

Journals Production Unit, Hennock Road, Marsh Barton, Exeter, Devon EX28RP (Exeter 74121) Advertising Office: Headington Hill Hall, Oxford OX3 0BW (Oxford 64881)

Subscription per annum (1979), including postage and insurance. For libraries, university departments, government laboratories, industrial and other multiple reader institutions U.S. \$160.00 (2-yr. subscription \$304.00). Specially reduced rates to individuals: In the interests of maximizing the dissemination of the research results published in this important international journal, we have established a two-tier price structure. Any individual, whose institution takes out a library subscription, may purchase a second or additional subscription for personal use at the much reduced rate of U.S.\$30.00 per annum. Subscription enquiries from customers in North America should be sent to: Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A., and for the remainder of the world to: Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, U.K. Payments to be made in advance.

Microform Subscriptions and Back Issues: Back issues of all previously published volumes are available in the regular editions and on microfiche and microfiche. Current subscriptions are available on microfiche simultaneously with the paper edition and on microfilm on completion of the annual index at the end of the subscription year.

Published monthly

Copyright © 1979 Pergamon Press Ltd

It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher if and when the article is accepted for publication. However, assignment of copyright is not required from authors who work for organizations which do not permit such assignment. The copyright covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microform or any other reproductions of similar nature and translations. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, mechanical, photocopyin recording or otherwise, without permission in writing from the copyright holder.

U.S. Copyright Law applicable to Users in the U.S.A.

U.S. Copyright Law applicable to Users in the U.S.A. The Article Fee Code on the first page of an article in this journal indicates the copyright owner's consent, that in the U.S.A., copies may be made for personal or internal use provided the stated fee for copying beyond that permitted by Section 107 or 108 of the United States Copyright Law, is paid. The appropriate remittance should be forwarded with a copy of the first page of the article to the Copyright Clearance Center Inc., PO Box 765, Schenectady, NY 12301, If a code does not appear, copies of the article may be made without charge, provided permission is obtained from the publisher. The copyright owner's consent does not extend to copying for general distribution, for promotion, for creating new works or for resale. Specific written permission must be obtained from the publisher for such copying. In case of doubt please contact your nearest Pergamon office.