TERATOLOGY

THE INTERNATIONAL JOURNAL OF ABNORMAL DEVELOPMENT

MANAGING EDITOR

HAROLD KALTER
Children's Hospital Research Foundation
Cincinnati

SECTION EDITORS

CLINICAL TERATOLOGY

SYDNEY S. GELLIS
Tufts University School of Medicine
Boston

EXPERIMENTAL TERATOLOGY
HAROLD KALTER

ne Children's Hospital Research Foundation Cincinnati GENETICS AND CYTOGENETICS

JAMES R. MILLER

University of British Columbia

Vancouver

EPIDEMIOLOGY

J. WILLIAM FLYNT, JR.
Center for Disease Control
Atlanta

PLEASE PHARMACOLOGY

Diether Neubert Freie Universität Berlin

ASSOCIATE EDITORS

J. BRUCE BECKWITH Children's Orthopedic Hospital Seattle

LARS BOREUS

Karolinska Institutet
Stockholm

DAVID H. CARR McMaster University Hamilton

CEDRIC O. CARTER
Institute of Child Health

SHAKUNTALA CHAUBE New York University Medical Center New York

SIDNEY Q. COHLAN New York University Medical Center New York

ALLAN H. CONNEY Hoffmann-LaRoche Nutley, New Jersey CHARLES P. DAGG University of Alabama Birmingham

JIRI ELIS Czechoslovak Academy of Sciences Prague

JOHN L. EMERY The Children's Hospital Sheffield

CASIMER T. GRABOWSKI University of Miami Coral Gables

KURT HIRSCHHORN Mt. Sinai School of Medicine New York

NOBORU KOBAYASHI University of Tokyo Tokyo

IAN LECK University of Manchester Manchester

JÉRÔME LEJEUNE Université de Paris Paris

BOOK REVIEW EDITOR EUGENE V. PERRIN Sinai Hospital of Detroit Detroit WIDUKIND LENZ Universität Münster

H. JOCHEN MERKER Freie Universität Berlin

IAN W. MONIE
San Francisco
Medical Center
San Francisco

RODOLFO PAOLETTI
Institute of Pharmacology
Milan

SAMUEL PRUZANSKY University of Illinois Chicago

LAURI O. SAXÉN University of Helsinki Helsinki

WILLIAM J. SCOTT, JR. Children's Hospital Research Foundation Cincinnati THOMAS H. SHEPARD University of Washington Seattle

RICHARD W. SMITHELLS Leeds University Leeds

JURGEN W. SPRANGER Universitäts-Kinderklinik Kiel

BRUCE E. WALKER Michigan State University East Lansing

JOSEF WARKANY Children's Hospital Research Foundation Cincinnati

SUMNER J. YAFFE
State University of New York
Buffalo

MINEO YASUDA Institute for Developmental Research Kasugai

TERATOGEN UPDATE

JOHN L. SEVER

National Institutes of Health

Bethesda

VOLUME 12

AUGUST, OCTOBER, DECEMBER 1975

PUBLISHED BY

THE WISTAR INSTITUTE PRESS • PHILADELPHIA, PA.