

VOLUME 7

JUNE 1955

STACKS COPY 2
COLUMBIA UNIVER.
NUMBER 2

PHARMACOLOGICAL REVIEWS

MEDICAL LIBRARY
COPY 2
PERIODICAL ROOM
COLUMBIA UNIVER.
MAY 18 1955
MEDICAL LIBRARY

A quarterly publication in pharmacology, experimental therapeutics, and chemotherapy, published for the AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, INC., under the supervision of the Board of Publication Trustees: Maurice H. Seerys, *Chairman*, McKeen Cattell, Carl A. Dragstedt, Otto Kraye, W. Clarke Wescoe.

The Editorial supervision of Pharmacological Reviews is shared jointly with the BRITISH PHARMACOLOGICAL SOCIETY and the SCANDINAVIAN PHARMACOLOGICAL SOCIETY.

EDITORIAL BOARD

OTTO KRAYE—Boston, *Chairman*

HARRY EAGLE—Washington, D. C.

ERIK JACOBSEN—Copenhagen

U. S. v. EULER—Stockholm

MARK NICKERSON—Manitoba

H. R. ING—Oxford

DOUGLAS S. RIGGS—Buffalo, N. Y.

ALFRED GILMAN—New York, N. Y.

MARTHE VOGT—Edinburgh

MILES WEATHERALL—London

EDITORIAL ADVISORY BOARD

A. ALBERT, Canberra, F. v. BRÜCKE, Vienna, B. B. DIKSHIT, Bombay, J. K. W. FERGUSON, Toronto, B. N. HALPERN, Paris, C. J. F. HEYMANS, Ghent, Y. KOBAYASHI, Tokyo, L. LENDLE, Göttingen, M. AIAZZI MANCINI, Florence, R. MENDEZ, Mexico City, D. F., W. WILBRANDT, Bern.

CONTENTS

W. MORTON GRANT. Physiological and Pharmacological Influences upon Intraocular Pressure.....	143
ROBERT F. FURCHGOTT. The Pharmacology of Vascular Smooth Muscle.....	183
JAMES F. RILEY. Pharmacology and Functions of the Mast Cells.....	267
FRANK HAWKING. The Chemotherapy of Filarial Infections.....	279

Published by
THE WILLIAMS & WILKINS COMPANY
BALTIMORE 2, MD., U. S. A.