

THE JOURNAL  
OF  
PHARMACOLOGY  
AND  
EXPERIMENTAL THERAPEUTICS

EDITED BY

JOHN J. ABEL  
The Johns Hopkins University

AND

WALTER E. DIXON  
University of Cambridge

IN ASSOCIATION WITH

H. G. BARBOUR,  
University of Louisville  
J. T. CASH,  
University of Aberdeen  
A. J. CLARK,  
University of Edinburgh  
H. H. DALE,  
London  
W. J. DILLING,  
University of Liverpool  
C. W. EDMUNDS,  
University of Michigan  
S. FLEXNER,  
Rockefeller Institute for Medical Research  
J. A. GUNN,  
University of Oxford  
P. J. HANZLIK,  
Leland Stanford Junior University  
R. A. HATCHER,  
Cornell University Medical College  
V. E. HENDERSON,  
University of Toronto  
A. D. HIRSCHFELDER,  
University of Minnesota  
SIR FREDERICK G. HOPKINS,  
University of Cambridge  
REID HUNT,  
Harvard University

P. D. LAMSON,  
Vanderbilt University  
A. S. LOEVENHART,  
University of Wisconsin  
W. DEB. MACNIDER,  
University of North Carolina  
C. R. MARSHALL,  
University of Aberdeen  
E. K. MARSHALL, JR.,  
Johns Hopkins University  
E. MELLANBY,  
Sheffield University  
F. RANSOM  
London  
A. N. RICHARDS,  
University of Pennsylvania  
TORALD SOLLMANN,  
Western Reserve University  
G. N. STEWART,  
Western Reserve University  
R. STOCKMAN,  
University of Glasgow  
CARL VOEGTLIN,  
U. S. Public Health and Marine Hospital  
Service  
G. B. WALLACE,  
University and Bellevue Hospital Medical  
College

VOLUME XXXV  
1929

BALTIMORE, MARYLAND

This One



1RFY-GCH-SA9N