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. LOVENHART,
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 XXXIV
1928

BALTIMORE, MARYLAND