

THE JOURNAL
OF
PHARMACOLOGY
AND
EXPERIMENTAL THERAPEUTICS

EDITED BY

JOHN J. ABEL

Johns Hopkins University

AND

ARTHUR R. CUSHNY

University of London

IN ASSOCIATION WITH

SIR T. LAUDER BRUNTON,
London

J. T. CASH,
University of Aberdeen

A. C. CRAWFORD,
Leland Stanford Junior University

H. H. DALE,
London

W. E. DIXON,
University of Cambridge

C. W. EDMUNDS,
University of Michigan

D. L. EDSALL,
Harvard University

S. FLEXNER,
Rockefeller Institute for Medical Research

SIR THOMAS R. FRASER,
University of Edinburgh

J. A. GUNN,
University of Oxford

R. A. HATCHER,
Cornell University Medical College

REID HUNT,
U. S. Public Health and Marine Hospital
Service

J. N. LANGLEY,
University of Cambridge

A. S. LOEVENHART,
University of Wisconsin

C. R. MARSHALL,
University of St. Andrews

S. J. MELTZER,
Rockefeller Institute for Medical Research

FRANZ PFAFF,
Harvard 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

G. B. WALLACE,
University and Bellevue Hospital Medical College

VOLUME IV

1912-1913

BALTIMORE, MARYLAND

This One



7F38-9GB-2484