

# THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

## OFFICERS AND COUNCIL

Dr. Jacques Bronfenbrenner,  
*President*  
Medical School  
Washington University  
St. Louis, Missouri  
Dr. Arthur F. Coca, *Sec'y-Treas.*  
Pearl River, New York  
Dr. M. Heidelberger  
Dr. A. F. Coca  
Dr. J. J. Bronfenbrenner  
Dr. P. R. Cannon  
Dr. K. F. Meyer  
Dr. G. P. Berry  
Dr. D. T. Fraser  
Dr. S. B. Hooker, *ex officio*  
Dr. J. F. Enders, *ex officio*

## PAST PRESIDENTS

Dr. F. G. Novy  
Dr. H. Gideon Wells  
Dr. W. H. Manwaring  
Dr. Ludvig Hektoen  
Dr. Karl Landsteiner  
Dr. Eugene L. Opie  
Dr. Oswald T. Avery  
Dr. S. Bayne-Jones  
Dr. A. R. Dochez  
Dr. A. B. Wadsworth  
Dr. Thomas M. Rivers  
Dr. Francis G. Blake  
Dr. W. T. Longcope  
Dr. C. Ten Broeck

# THE JOURNAL OF IMMUNOLOGY

## VIRUS-RESEARCH AND EXPERIMENTAL CHEMOTHERAPY

### *Editors*

JACQUES J. BRONFENBRENNER    PAUL R. CANNON    JOHN F. ENDERS    SANFORD B. HOOKER  
St. Louis                                  Chicago                                  Boston                                  Boston

### *Associate Editors*

JOSEPH D. ARONSON Philadelphia	DONALD FRASER Toronto	WILLIAM H. TALIAFERRO Chicago
OSWALD T. AVERY New York City	MICHAEL HEIDELBERGER New York City	CARL TEN BROECK Princeton
STANHOPE BAYNE-JONES New Haven	ARTHUR P. LOCKE New Brunswick	WILLIAM S. TILLET New York City
GEORGE P. BERRY Rochester	KARL F. MEYER San Francisco	JOHN C. TORREY New York City
FRANCIS G. BLAKE New Haven	STUART MUDD Philadelphia	AUGUSTUS B. WADSWORTH Albany
WILLIAM C. BOYD Boston	J. HOWARD MUELLER Boston	MATTHEW WALZER Brooklyn
M. RUIZ CASTANEDA Mexico City	THOMAS M. RIVERS New York City	ALFRED J. WEIL Pearl River
ALPHONSE R. DOCHEZ New York City	A. Sordelli Buenos Aires	ALEXANDER S. WIENER Brooklyn

*Managing Editor*  
ARTHUR F. COCA

### CONTRIBUTING ORGANIZATION

LEDERLE LABORATORIES, Incorporated, NEW YORK, N. Y.

Entered as second-class matter February 21, 1916, at the Post Office at Baltimore, Maryland, under the act of March 3, 1879.

Subscription price \$5.00 per volume. Single numbers, \$1.00