

Journal of DENTAL
RESEARCH

FOUNDED BY WILLIAM J. GIES IN 1919

Official Publication of the
International Association for Dental Research

EDITOR: David F. Mitchell, Indiana University

ADVISORY EDITORIAL BOARD: J. T. Albright R. L. Glass N. M. Phatak J. W. Stanford
G. M. Brauer F. Herzberg G. T. Phipps M. L. Swartz
R. C. Caldwell J. R. Jensen R. H. Roydhouse D. F. Taylor
F. A. Carranza J. T. Mayhall K. A. Selvig J. Waerhaug
A. D. Dixon W. A. Nolte P. Smith D. D. Zinner

ASSOCIATE EDITORS: David B. Scott and Richard C. Greulich

PUBLICATION COMMITTEE: C. O. Dummett; G. H. Rovelstad; D. B. Scott; R. C. Greulich; A. R. Frechette and L. C. Hendershot, *ex officio*; D. F. Mitchell, *chairman*.

PUBLISHER: American Dental Association, Chicago, Illinois

VOLUME 48

1969