

MOLECULAR AND CELLULAR BIOLOGY

VOLUME 2 • NUMBER 5 • MAY 1982

EDITORIAL BOARD

Aaron J. Shatkin, *Editor-in-Chief* (1985)
Roche Institute of Molecular Biology
Nutley, N.J.

Harvey F. Lodish, *Editor* (1986)
Department of Biology
Massachusetts Institute of Technology
Cambridge, Mass.

Louis Siminovitch, *Editor* (1985)
Hospital for Sick Children
Toronto, Canada

Keith R. Porter, *Editor* (1985)
University of Colorado
Boulder, Colo.

Paul S. Sypherd, *Editor* (1985)
University of California
Irvine, Calif.

Bruce G. Adams (1982)
Guenter Albrecht-Buehler (1982)
Renato Baserga (1982)
Alan Bernstein (1984)
J. Michael Bishop (1984)
Blair Bowers (1982)
Stuart Brody (1982)
Breck Byers (1982)
John A. Carbon (1984)
Lawrence A. Chasin (1982)
Terrance G. Cooper (1984)
James E. Darnell, Jr. (1982)
Rowland H. Davis (1982)
Gordon H. Dixon (1982)
Argiris Efstratiadis (1982)
Gary Felsenfeld (1982)

Werner Franke (1982)
James D. Friesen (1982)
James E. Haber (1984)
Ari Helenius (1984)
Ira Herskowitz (1984)
Samuel B. Horowitz (1982)
Elias Lazarides (1982)
John B. Little (1982)
William F. Loomis, Jr. (1982)
Paul T. Magee (1982)
Harvey L. Ozer (1982)
Leo W. Parks (1982)
Mark Pearson (1982)
Jeremy Pickett-Heaps (1982)
Robert E. Pollack (1982)
John R. Pringle (1982)

Daniel B. Rifkin (1982)
Robert G. Roeder (1982)
James E. Rothman (1984)
David Sabatini (1982)
Phillip A. Sharp (1982)
Fred Sherman (1982)
Pamela Stanley (1982)
Joan A. Steitz (1982)
Walter Stoeckenius (1982)
James L. Van Etten (1982)
Jonathan R. Warner (1984)
Robert A. Weinberg (1984)
I. Bernard Weinstein (1982)
Harold Weintraub (1982)
Leslie Wilson (1982)

Helen R. Whiteley, *Chairman, Publications Board*
Linda M. Illig, *Managing Editor, Journals*

Walter G. Peter III, *Director, Publications*
Eleanor Tupper, *Production Editor*

Molecular and Cellular Biology (ISSN 0270-7306) is devoted to the advancement and dissemination of fundamental knowledge concerning the molecular biology of eucaryotic cells, of both microbial and higher organisms. Instructions to authors are published in the January issue each year; reprints are available from the editors and the Publications Office. The journal is published monthly, one volume per year. The nonmember subscription price is \$70 per year; single copies are \$7. The member subscription price is \$18 (foreign, \$20 [surface rate]) per year; single copies are \$6. Correspondence relating to subscriptions, reprints, defective copies, availability of back issues, lost or late proofs, disposition of submitted manuscripts, and general editorial matters should be directed to the ASM Publications Office, 1913 I St., NW, Washington, DC 20006 (area 202 833-9680).

Second-class postage paid at Washington, DC 20006, and at additional mailing offices.

POSTMASTER: Send address changes to *Molecular and Cellular Biology*, ASM, 1913 I St., NW, Washington, DC 20006. Made in the United States of America.

Copyright © 1982. American Society for Microbiology.
All Rights Reserved.

日本：価格は外貨表示とは関係なく円建。

The code at the top of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal use or for personal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per-copy fee through the Copyright Clearance Center, Inc., P.O. Box 765, Schenectady, NY 12301, for copying beyond that permitted by Sections 107 and 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.

Author Index

Ardeshir, Feroza, 578
Attardi, Giuseppe, 498

Bodley, James W., 588
Brison, Olivier, 578
Bromley, Peter A., 479

Darnell, J. E., Jr., 517

Fournier, R. E. K., 526
Frelinger, J. A., 526

Gray, Helen, 498
Greenebaum, Ellen, 545

Haber, James E., 571
Hooper, Alan B., 508
Horowitz, Ann D., 545

Kafatos, Fotis C., 554
Keeley, Benneta, 498

Linsley, Peter S., 593
Livingston, Dennis M., 588
Loomis, W. F., 484

Masters, Jeffrey, 498
McLaughlin, Calvin S., 490
Moschonas, Nikos K., 554
Murakami, Seishi, 588

Nevins, J. R., 517
Nicolaidis, Maria, 545

Pearson, Nancy J., 571
Pitha, P. M., 564

Raj, N. Babu K., 564
Ray, Biswajit, 535

Rodakis, George C., 554
Ruben, Larry, 508
Ruddle, F. H., 564

Schmidt, J. A., 484
Siminovitch, Louis, 593
Slate, D. L., 564
Stark, George R., 578

Thorburn, Patricia C., 571
Tuite, Mick F., 490

Voellmy, Richard, 479

Weinstein, I. Bernard, 545
Wheeler, S., 484
Woodward, Kimball, 545
Wu, Henry C., 535

Zeevi, M., 517