

JCB

THE JOURNAL OF CELL BIOLOGY

EDITOR-IN-CHIEF

TOM MISTELI

EDITORS

PIER PAOLO DI FIORE
ELAINE FUCHS
ALAN HALL
REBECCA HEALD
IRA MELLMAN
JODI NUNNARI
LOUIS F. REICHARDT
KENNETH M. YAMADA
JUNYING YUAN

NEWS EDITOR

BENJAMIN SHORT

REVIEWS EDITOR

PRIYA PRAKASH BUDDE

EDITORIAL BOARD

JOHN AITCHISON
NORMA ANDREWS
BEN BARRES
HUGO BELLEN
VANN BENNETT
JEFFREY BENOVIC
CÉDRIC BLANPAIN
TONY BRETSCHER
MARIANNE BRONNER
ERIC J. BROWN
DON W. CLEVELAND
PASCALE COSSART
GAUDENZ DANUSER
PIETRO DE CAMILLI
TITIA DE LANGE
ABBY DERNBURG
ARSHAD DESAI
RAY DESHAIES
IVAN DIKIC
STEVE DOXSEY
WILLIAM EARNSHAW
SCOTT EMR
JEFFREY ESKO
HIRONORI FUNABIKI
LARRY GERACE
FRANK GERTLER
DAVID GILBERT
MARK GINSBERG

GILLIAN GRIFFITHS
ULRICH HARTL
RAMANUJAN HEGDE
NOBUTAKA HIROKAWA
ERIKA HOLZBAUR
ARTHUR HORWICH
ALAN RICK HORWITZ
M. ANDREW HOYT
MARTIN HUMPHRIES
ANNA HUTTENLOCHER
LUISA IRUELA-ARISPE
GERARD KARSENTY
ALEXEY KHODJAKOV
AKIHIRO KUSUMI
THOMAS LANGER
JEANNE LAWRENCE
VERONIQUE LEFEBVRE
HAIFAN LIN
JIRI LUKAS
IAN MACARA
VIVEK MALHOTRA
WALLACE MARSHALL
JOAN MASSAGUE
JACOPO MELDOLESI
RANDALL T. MOON
SEAN MUNRO
ANDRÉ NUSSENZWEIG
KAREN OEGEMA

ERIC OLSON
LESLIE PARISE
ROY PARKER
ROBERT G. PARTON
MARK PEIFER
ANNE RIDLEY
DANIEL B. RIFKIN
DAVID RON
MICHAEL ROUT
MICHAEL RUDNICKI
JOSHUA SANES
JOSEPH SCHLESSINGER
DANNY SCHNELL
TRINA SCHROER
MARTIN SCHWARTZ
JEAN SCHWARZBAUER
JOAN STEITZ
HARALD STENMARK
ANDREAS STRASSER
RON VALE
WIM VERMEULEN
LOIS WEISMAN
TIM YEN
TAMOTSU YOSHIMORI
RICHARD YOULE
MARINO ZERIAL
YIXIAN ZHENG

EXECUTIVE EDITOR

LIZ WILLIAMS

Phone: 212-327-8011
Fax: 212-327-8576
email: lwilliams@rockefeller.edu

ASSOCIATE EDITOR

PAMELA CARPENTIER

Phone: 212-327-8571
Fax: 212-327-8576
email: pamelacarpentier@rockefeller.edu

EDITORIAL ASSISTANTS

JANINE FLERI
LINDSEY HOLLANDER
SATI MOTIERAM
KARL RAMOS

Phone: 212-327-8581
Fax: 212-327-8576
email: jcellbiol@rockefeller.edu

COPYEDITING AND PRODUCTION

email: jcb@rockefeller.edu

PREFLIGHT COORDINATOR

LAURA SMITH

COPY EDITORS

LEE DUNLAP
MARGUERITE SPELLMAN

ASSISTANT PRODUCTION EDITOR

JASON ROTHAUER

PRODUCTION EDITOR

GREGORY E. KOUTROUBY

NEWS PRODUCTION EDITOR

RITA E. SULLIVAN

COPY EDITING COORDINATOR

CAMILLE CLOWERY

PRODUCTION COORDINATOR

ERINN A. GRADY

PRODUCTION DIRECTOR

ROBERT J. O'DONNELL

THE ROCKEFELLER
UNIVERSITY
PRESS
QUALITY AND INTEGRITY

COPYRIGHT TO ARTICLES PUBLISHED IN THIS JOURNAL IS HELD BY THE AUTHORS. ARTICLES ARE PUBLISHED BY THE ROCKEFELLER UNIVERSITY PRESS UNDER LICENSE FROM THE AUTHORS. CONDITIONS FOR REUSE OF THE ARTICLES BY THIRD PARTIES ARE LISTED AT [HTTP://WWW.RUPRESS.ORG/TERMS](http://www.rupress.org/terms)



PRINT ISSN: 0021-9525 ONLINE ISSN: 1540-8140

WWW.JCB.ORG