The Journal of Neuroscience

EDITOR-IN-CHIEF
John H.R. Maunsell

SENIOR EDITORS
Mark Rothwell
Valina Dawson
Nancy Ip
Sabine Kastner
Jeanne Neely
David Perkel
Matthew Rushworth
Yavin Shaham

REVIEVING EDITORS
Jose Manuel Alonso
Dora Angelaki
Christopher I. Baker
Tracy L. Bale
Christophe Bernard
Jeffrey Diamond
Mark Farrant
Alyson Fournier
Vittorio Galiotto
Michael Gold
Jay A. Gottfried
Ege T. Kavakali
Paul J. Kenny
Eric Klann
James Kneierim
Gary L. Landreth

ASSOCIATE EDITORS
Behavioral/Cognitive
Mark Baxter
Leonard Cohen
Lila Davachi
Floris de Lange
Ralph丁ione
Stan Farrant
Karl Friston
Jack Gallant
Bruce Hope
J. David Jentsch
Sheena Josselyn
Donald Katz
George Koob
Gavin McNally
Micah Murray
Uta Noppeney
Luis Perea
Paul Phillips
Cathy Price
Greg Quirk
Antonio Rangel
Matthew R. Roesch
Gordon Shulman
Harwig Siebner
Garret Stuber
Gregor Thut
Philippe N. Tobler
Marina Wolf

Cellular/Molecular
Laszlo Acaday
Anne Baron-Van
Diana Bautista
Heinz Beck
Paul Buckmaster
Pablo Castillo
Anis Contractor
Liset M. de la Prada
Sulayman Dib-Hajj
Cheryl Dreyfus
Lisa Goodrich
Helmut Haas
Dax Hoffman
Kamran Khodakhah
Carl Lupica
Olivier Manzon
BethAnn McLaughlin
Lin Mei
Suzanne Moenter
Makien Nedergaard
Bernd Nilsius
Linda Overstreet-Wadiche
Jelena Radulovic
Matthew Rasband
Christian Rosenmund
Jürgen Sandkuhler
Steven Scherer
Laura Schrader
Mark Shapiro
Joshua Singer
Wayne S. Susin
Bettina Windeler
Danny G. Winder

Development/Plasticity/Repair
Stewart A. Anderson
Heather Cameron
Jonah Chan
Jean-François Cloutier
Donna Fekete
Roman Giger
Robert Hever
Jenny Hesch
Matthew Kelley
Marlies Knipper
Dimitri Krause
Quifa Ma
Wendy Macklin
Keith Murai
Lucas Pozzo-Miller
Edward S. Ruthazer
Todd Sacktor
Carlo Sala
Jorge M. Salz
Deanna Smith
Michael Sofroniew
Terrence Town
Flora Vaccarino
Fengquan Zhou

Neurobiology of Disease
Josef Anrather
Douglas Bayliss
Paolo Calabresi
Monica Carson
Alain Cheadel
Jun Chen
William Dauer
Patrick Dougherty
David Eidelberg
James M. Faraci
Mel Fenny
Todd Golde
Christian Haass
Giles Hardingham
Markus Heilig
Uwe Heinemann
Eric Huang
Frances Jensen
Robert Kalb
Andrew Lieberman
Timothy H. Mohy
David Pleasure
Erik D. Roberson
Kirth Sathian
Tara Spires-Jones
William C. Stacey
Raymond Swanson
Miquel Vila
Donna M. Wilcock
Dianna Willis

Systems/Circuits
Bruno Averbeck
Tallie Z. Baram
Michele A. Basso
James Bisley
Matteo Carandini
Laura Colgin
Bevil Conway
J. Douglas Crawford
Alain Deseske
Abdeljalabhar El Manira
Andre Fenton
Vincent Ferrera
Paul Frankland
Patricia Gaspar
Asif Ghanzanfar
Geoffrey Ghose
Patrice Goyenet
Michael Hasselmo
Andrew Huberman
Christoph Kayser
Andrew King
Richard Krauzlis
Roger Lemon
Mary Kay Lobo
Julio Martinez-Trujillo
Lisa Montegia
Tirin Moore
Gabe Murphy
Guy Orban
Richard Palminter
Anitha Pasupathy
Gina R. Poe
Gregg Recanzone
Domon Ron
Hans Straka
Alessandro Treves
Doris Tsao
Matthias van der
Lori Zeltser

FEATURES EDITOR
Teresa Esch

EDITORIAL STAFF
Zachary Dourafei
Michael Eppenberger
Chanelle Grannum
Dimitri Krainc
Marlies Knipper
Matthew Kelley
Robert Hevner
Donna Fekete
Stewart A. Anderson
Frank M. Faraci
David Eidelberg
William Dauer
Alain Chedotal
Paolo Calabresi
Monica Carson
Alain Cheadel
Jun Chen
William Dauer
Patrick Dougherty
David Eidelberg
James M. Faraci
Mel Fenny
Todd Golde
Christian Haass
Giles Hardingham
Markus Heilig
Uwe Heinemann
Eric Huang
Frances Jensen
Robert Kalb
Andrew Lieberman
Timothy H. Mohy
David Pleasure
Erik D. Roberson
Kirth Sathian
Tara Spires-Jones
William C. Stacey
Raymond Swanson
Miquel Vila
Donna M. Wilcock
Dianna Willis

The Journal of Neuroscience (ISSN: 0270-6474) is the official journal of the Society for Neuroscience, 1121 14th Street, NW, Suite 1010, Washington, DC 20005. It is published weekly by the Society, fifty weeks a year, one volume a year.

Subscriptions are on a volume basis beginning with the January 1 issue. The Volume 34 (2014) Institutional rate information is available on the website: http://www.neurosci.org/subscriptions/cost.dtl. Single copies for the U.S. are $75, $95 elsewhere. Institutional subscribers should direct subscription orders, back issue requests, claims, and changes of address to The Journal of Neuroscience, Subscription Services, 1121 14th St., NW, Suite 1010, Washington, DC 20005, subscriptions@sfn.org. Claims will be honored if received within three (3) months of the month of issue. A maximum of three (3) single-issue claims will be honored per volume per subscriber. Society for Neuroscience members interested in subscribing to The Journal at a reduced rate should contact the Society’s Membership Department (phone 202-962-4000, membership@sfn.org). Society members should also direct back issue requests to subscriptions@sfn.org.

Advertising inquiries should be addressed to Marci Leach, The Society for Neuroscience, 1121 14th St., NW, Suite 1010, Washington, DC 20005, phone 202-962-4000, mleich@sfn.org.

Reprints of a single copy of an individual article are available from Infotrieve at http://www.infotrieve.com.

Photocopies: The Journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Authorization to photocopy items for the internal or personal use of specific clients is granted by the Society for Neuroscience provided that the copier pay to the Center the $15.00 copry fee stated in the code on the first page of each article. Special requests, such as for general distribution, resale, advertising, and promotional purposes or for creating new works, should be directed to Journal Permissions, Society for Neuroscience, 1121 14th St., NW, Suite 1010, Washington, DC 20005, permissions@sfn.org.

Postmaster: Send address changes to The Journal of Neuroscience, Society for Neuroscience Membership Department, 1121 14th St., NW, Suite 1010, Washington, DC 20005. Periodic postcards paid at Washington, DC, and additional mailing offices. Canada Post International Publications Mail (Canadian Distribution) Sales Agreement No. 0895369. The Journal of Neuroscience is indexed by BIOSIS, Brain Information Service, Chemical Abstracts, Current Contents EMBASE/Excerpta Medica, FISHLIB/Index Medicus, Index to Scientific Reviews, Psychological Abstracts, PsycINFO, and PsyCITL. © The Journal is printed on acid-free paper that meets the minimum requirements of ANSI Standard Z39.48-1984 (Permanence of Paper). Copyright © 2014 Society for Neuroscience. All rights reserved.

The ideas and opinions expressed in The Journal of Neuroscience do not necessarily reflect those of the Society for Neuroscience or the Editors of The Journal of Neuroscience. Publication of an advertisement or other product mention in The Journal of Neuroscience should not be construed as an endorsement of the manufacturer’s claims. The Society for Neuroscience does not assume any responsibility for any injury and/or damage to persons or property arising from or related to any use of material contained in The Journal of Neuroscience.