

JNeurosci

THE JOURNAL OF NEUROSCIENCE

EDITOR-IN-CHIEF

Marina Picciotto

SENIOR EDITORS

Mark Bothwell
Valina Dawson
Greg DeAngelis
Nancy Ip
Jeanne Nerbonne
David Perkel
Matthew Rushworth
Yavin Shaham

REVIEWING EDITORS

Jose Manuel Alonso
Christopher I. Baker
Tracy L. Bale
James Bisley
Jeffrey Diamond
Alyson Fournier
Fabrizio Gabbiani
Vittorio Gallo
Michael Gold
Jay A. Gottfried
Ege T. Kavalali
Christoph Kayser
Paul J. Kenny
Eric Klann
James Knierim
Daeyeol Lee
Jon D. Levine
Joseph LoTurco
Mark P. Mattson
BethAnn McLaughlin
Diane Merry
Anna Christina Nobre
Sam Pleasure
Dan H. Sanes
Helen E. Scharfman
Geoffrey Schoenbaum
Ruth S. Slack
Jane M. Sullivan
Ivan Toni
Catherine S. Woolley

ASSOCIATE EDITORS

Behavioral/Cognitive

Mark Baxter
Michael Beauchamp
Leonardo Cohen
Lila Davachi
Floris de Lange
Ralph Dileone
Stan Floresco
Alex Fornito
Karl Friston
Jack Gallant
Geoffrey M. Ghose
Biyu He
Bruce Hope
Sheena A. Josselyn
Donald Katz
Ifat Levy
Gavin McNally
Micah Murray
Uta Noppeney
John O'Doherty
Luiz Pessoa
Paul Phillips
Cathy Price
Greg Quirk
Antonio Rangel
Matthew R. Roesch
Gordon Shulman
Harwig Siebner
Garret Stuber
Gregor Thut
Philippe N. Tobler
Ulf Ziemann

Cellular/Molecular

Anne Baron-Van Evercooren
Diana Bautista
Heinz Beck
Paul Buckmaster
Anis Contractor
Liset M. de la Prida
Sulayman Dib-Hajj
Cheryl Dreyfus
James Fawcett
Lisa Goodrich
Helmut Haas
Artur Kania
Kamran Khodakhah
Carl Lupica
Olivier Manzoni
Lori McMahon
Lin Mei
Suzanne Neenter
Maiken Nedergaard
Bernd Nilius
Linda Overstreet-Wadiche
Matthew Rasband
Christian Rosenmund
Jürgen Sandkühler
Laura Schrader
Mark Shapiro
Joshua Singer
Wayne S. Sossin
Henrique Van Gersdorff
Bettina Winkler
Danny G. Winder

Development/Plasticity/Repair

Heather Cameron
Jonah Chan
Jean-François Cloutier
Donna Fekete
Roman Giger
Robert Hevner
Jenny Hsieh
Matthew Kelley
Marlies Knipper
Dimitri Krainc
Qiufu Ma
Keith Murai
Michael A. Nitsche
Lucas Pozzo-Miller
Edward S. Ruthazer
Carlo Sala
Jorg B. Schulz
Michael Sofroniew
Carla Tavecchia
Terrence Town
Flora Vaccarino
Teresa L. Wood
Lawrence Wrabetz
Fengquan Zhou

Neurobiology of Disease

Josef Anrather
Douglas Bayliss
Monica Carson
Alain Chedotal
William Dauer
Patrick Dougherty
Joseph El Khoury
David Eidelberg
Frank M. Faraci
Jonathan Godbout
Todd Golde
Christian Haass
Giles Hardingham
Markus Heilig
Uwe Heinemann
Eric Huang
Frances Jensen
Robert Kalb
Michael S. Levine
Andrew Lieberman
Timothy H. Murphy
David Pleasure

Erik D. Roberson

Krish Sathian
Barry Setlow
Tara Spire-Jones
William C. Stacey
Raymond Swanson
Donna M. Wilcock
Dianna Willis

Systems/Circuits

Bruno Averbeck
Tallie Z. Baram
H. Tad Blair
James Bisley
Matteo Carandini
Manuel Castro-Alamancos
Laura Colgin
Bevil Conway
J. Douglas Crawford
Alain Destexhe
Abdeljabbar El Manira
Andre Fenton
Vincent Ferrera
Paul Frankland
Patricia Gaspar
Asif Ghazanfar
Michael Hasselmo
Andrew Huberman
Christoph Kayser
Andrew King
Richard Krauzlis
Rohini Kuner
Mark Laubach
Mary Kay Lobo
Julio Martinez-Trujillo
Lisa Monteggia
Gabe Murphy
Guy Orban
Richard Palmiter
Anitha Pasupathy
Gina R. Poe
Gregg Recanzone
Margaret E. Rice
Dorit Ron
Hans Straka
Alessandro Treves
Doris Tsao
Matthijs van der Meer
Lori Zeltser

FEATURES EDITOR

Teresa Esch

EDITORIAL STAFF

Kari Black
Zachary Dourafei
Matthew McCabe
Jacqueline Perry
Suzanne Rosenzweig

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 7 issue. The Volume 35 (2015) Institutional subscription rates are available online at <http://www.jneurosci.org/subscriptions/cost.dtl>. Single copies for the U.S. are \$85, \$105 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 of Neuroscience* 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, mleach@sfn.org.

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

Photocopies: *The Journal of Neuroscience* 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 copy 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, jnpermissions@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. Periodicals postage 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, Index Medicus/Medline, Index to Scientific Reviews, PubMed, PubMed Central, and PsycINFO. © *The Journal of Neuroscience* is printed on acid-free paper that meets the minimum requirements of ANSI Standard Z39.48-1984 (Permanence of Paper). Copyright © 2015 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 any material contained in *The Journal of Neuroscience*.