

JNeurosci

THE JOURNAL OF NEUROSCIENCE

EDITOR-IN-CHIEF

Marina Picciotto

SENIOR EDITORS

Greg DeAngelis
Paul J. Kenny
Jeanne Nerbonne
David Perkel
Dan H. Sanes
Ruth S. Slack
Ivan Toni
Catherine S. Woolley

REVIEWING EDITORS

Jose Manuel Alonso
Bruno Averbeck
Christopher I. Baker
Anne Baron-Van Evercooren
James Bisley
Roshan Cools
Lila Davachi
Jonathan Demb
Ruth Anne Eatock
Paul Frankland
Fabrizio Gabbiani
Jay A. Gottfried
Richard Henson
Jenny Hsieh
Patricia Janak
Artur Kania
Ege T. Kavalali
Christoph Kayser
Jon D. Levine
Joseph LoTurco
Mark P. Mattson
BethAnn McLaughlin
Gavan McNally
Pieter Medendorp
Suzanne M. Moenter
Takeshi Sakurai
Helen E. Scharfman
Jane M. Sullivan

ASSOCIATE EDITORS

Woo-Young Ahn
Bernard Balleine
Tallie Z. Baram
Diana Bautista
Michael Beauchamp
Til Ole Bergmann
H. Tad Blair
Donna Calu
Jianhua Cang
Yu-Qing Cao
Monica Carson
Manuel Castro-Alamancos
Joseph F. Cheer
Marlene Cohen
Bevil Conway
Floris de Lange
Mauricio R. Delgado
Hanneke den Ouden
Alain Destexhe
Mingzhou Ding
Joseph El Khoury
Abdeljabbar El Manira
James Fawcett
Lesley K. Fellows
Andre Fenton
Alfredo Fontanini
Alex Fornito
Christie D. Fowler
Michael J. Frank
Jack Gallant
Jonathan Godbout
Shannon Gourley
Christina Gremel
Saskia Haegens
Simon Hanslmayr
Matthew R. Hayes
Biyu He
Jens-Max Hopf
Jenny Hsieh

Andrew Huberman
Ru-Rong Ji
Sheena A. Josselyn
Thorsten Kahnt
Donald Katz
Baljit Khakh
Hackjin Kim
Marlies Knipper
Conny Kopp-Scheinflug
Rohini Kuner
Mark Laubach
Michael S. Levine
Ifat Levy

Andrew Lieberman
Angelika Lingnau
Mary Kay Lobo
David M. Lovinger
Qiufu Ma
Arianna Maffei
Lori McMahon
Hugo Merchant
Courtney Miller
Lisa Monteggia
Marisela Morales
Maria Concetta Morrone
Gabe Murphy
Timothy H. Murphy
John Murray
Vishnu Murty
Maiken Nedergaard
Bernd Nilius
John O'Doherty
Jonas Obler
Christopher Pack
Luiz Pessoa
Gina R. Poe
Gabriela Popescu
Lucas Pozzo-Miller
Cathy Price
Theodore Price
Antonio Rangel
Matthew Rasband
Margaret E. Rice
Erik D. Roberson
Matthew R. Roesch
Christian Rosenmund
Edward S. Ruthazer
Carlo Sala
Jürgen Sandkühler
Krish Sathian
Jörg B. Schulz
Hyojung Seo
Barry Setlow
Hartwig Siebner
Wayne S. Sossin
Tara Spire-Jones
William C. Stacey
Thomas A. Stalnaker
Garret Stuber
Raymond Swanson
Carla Tavecchia
Gregor Thut
Philippe N. Tobler
Kuei Y. Tseng
Flora Vaccarino
Matthijs van der Meer
Rufin VanRullen
Timothy J. Vickery
Rufin Vogels
Henrique Von Gersdorff
Kate Wassum
Nicole Wenderoth
Donna M. Wilcock
Dianna Willis
Bettina Winckler
Danny G. Winder
Catharine Antonia Winstanley
Teresa L. Wood
Lawrence Wrabetz
Lori Zeltser
Fengquan Zhou
Ulf Ziemann

FEATURES EDITOR

Teresa Esch

EDITORIAL STAFF

Suzanne Rosenzweig
Blythe Alexander
Adam Buck
Zachary Dourafin
Vicente Carmona
Mary Collins

The Journal of Neuroscience (ISSN-0270-6474) is an 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 3 issue. The Volume 38 (2018) Institutional subscription rates are available online at <http://jneurosci.org/content/subscriptions/cost>. Single copies for the U.S. are \$115. 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 four (4) 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 202-962-4911, membership@sfn.org). Society members should also direct back issue requests to subscriptions@sfn.org.

Advertising inquiries should be addressed to The Society for Neuroscience, 1121 14th St., NW, Suite 1010, Washington, DC 20005, phone 202-962-4000, adsales@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, Chemical Abstracts, Current Contents, EMBASE/Excerpta Medica, Index Medicus/Medline, 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 © 2018 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*.