



A Multidisciplinary  
Neuroscience  
Journal

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## Our Newly-Redesigned Collections Pages

The most important feature added recently to the *Journal of Neurophysiology* is [Collections](#), virtual journal issues linked to our [Calls for Manuscripts](#).

The intent of this initiative is to publish definitive virtual journal issues on particular "hot topics" in Neuroscience. Since the journal issues are virtual, they can be updated regularly as new papers are accepted. There is no need to hold articles until all the papers for the issue are accepted.

Thanks to the efforts of the American Physiological Society's Digital Publications Manager, Karie Kirkpatrick, we are happy to announce that previous technical problems with the Collections have been resolved, and the initiative can be fully implemented.

A listing of our Collections is available at [this link](#).

Below are the links for each individual [Collection](#). Note that all are still expanding, as more papers are accepted for the [Call](#) associated with each [Collection](#).

- [Neurobiology of Deep Brain Stimulation](#)
- [Decision Making: Neural Mechanisms](#)
- [Correlating Neuronal Activity and Neural Imaging](#)
- [Neuronal Diversity: Categorizing Types of Neurons](#)
- [Neurophysiology of Tactile Perception: A Tribute to Steven Hsiao](#)
- [Neurological Disease and Autonomic Dysfunction](#)
- [Control of Autonomic Function: Insights from Neurophysiological Studies in Conscious Animals \(Including Humans\)](#)

## Read Our Reviews

The *Journal* has published review manuscripts since 2001. Our classic review manuscripts include the following:

- [Impact of network activities on neuronal properties in corticothalamic systems](#)
- [Constraints on somatotopic organization in the primary motor cortex](#)
- [New vistas on amygdala networks in conditioned fear](#)

In association with [Calls for Manuscripts](#), we are publishing review manuscripts more frequently. To aid readers, we have consolidated the recent review manuscripts into [this archive](#).

## Meet Our New Associate Editor: Monica Perez

With the recent increase in submissions to the *Journal of Neurophysiology*, we were able to add a new Associate Editor: Dr. Monica Perez of the University of Miami.

The focus of Dr. Perez's research is on understanding how the brain and spinal cord control voluntary movements in healthy humans and in individuals with spinal cord injury. We are receiving more and more papers in this area, and thus Dr. Perez adds important additional expertise to our editorial team.

## Honoring Our Past

Some of the most important articles that shaped the field of neuroscience were published in the *Journal of Neurophysiology*. [Under the direction of former editor Eve Marder](#), classic essays were written about some of these articles.

Below is a listing of these classic essays:

- [Pioneers of cortical plasticity: six classic papers by Wiesel and Hubel](#)
- [Studying the visual system in awake monkeys: two classic papers by Robert H. Wurtz](#)
- [Placing pain on the sensory map: Classic papers by Ed Perl and colleagues](#)
- [Roger Sperry: pioneer of neuronal specificity](#)
- [A dogged pursuit of coincidence](#)
- [Circuits and properties of signal transmission in the retina](#)
- [What do dendrites and their synapses tell the neuron?](#)
- [Dr. Bernice Grafstein's paper on the mechanism of spreading depression](#)
- [Aristides Leao's discovery of cortical spreading depression](#)
- [Making the retina approachable](#)
- [Discovering spatial working memory fields in prefrontal cortex](#)
- [Synaptic chemistry in single neurons: GABA is identified as an inhibitory neurotransmitter](#)
- [The physiology of the peripheral vestibular system: the birth of a field](#)

This [editorial](#) also highlights some of the classic papers in the *Journal*.

A [previous newsletter](#) highlights what is perhaps the most important article we ever published: [Mountcastle's 1957 description of the organization of cerebral cortex](#).

## Journal of Neurophysiology group on LinkedIn

To facilitate discussions with readers, we have started a [Journal of Neurophysiology group](#) on LinkedIn. [Join our group](#) today and contribute to the dialog!

## Let Us Fund Your Meeting and Publish the Proceedings

The [American Physiological Society](#) holds several specialty meetings and conferences each year. Your meeting or conference idea can become part of the [growing list of successful meetings](#) and events hosted and planned by the American Physiological Society.

The *Journal of Neurophysiology* is interested in publishing manuscripts related to neuroscience-focused meetings sponsored by the American Physiological Society.

Information about submitting a meeting proposal to the American Physiological Society is available at [this link](#). If your conference proposal is accepted, [contact the Editor-in-Chief](#) to discuss issuing a [Call for Manuscripts](#) related to your conference.

## NeuroForum: A Venue for Trainees

[NeuroForum articles](#) are commentaries written by trainees regarding interesting, recently-published articles in the field of neuroscience. NeuroForum submissions also include mini-reviews that integrate work on a dynamic topic in neuroscience.

Encourage your trainees to become acquainted with *Journal of Neurophysiology* by submitting to NeuroForum. Please carefully follow the [NeuroForum guidelines](#) when composing and submitting articles.

## Help Us Highlight Your Manuscript on Social Media

Many manuscripts accepted for publication in the *Journal of Neurophysiology* are highlighted via our [Facebook](#), [Twitter](#), and new [LinkedIn](#) accounts.

When we can identify your Institution's Facebook page, we add that link to our postings. This publicizes your article to your colleagues.

However, due to privacy restrictions on Social Media, we cannot link an article to the individual social media accounts of authors without your help. If you would like a particular Social Media account linked to the posting of your article, [just let us know](#).

## New Calls for Manuscripts

On July 1, we announced three new [Calls for Manuscripts](#):

- Auditory System Plasticity
- Glial Cells and Neuronal Signaling
- Comparative Approaches in Neurobiology

Any manuscript type published by *Journal of Neurophysiology* can be submitted for Calls, including reviews (if approved by the [Editor](#)), regular research manuscripts, [NeuroForum](#), and [Rapid Reports](#).

Three additional [Calls for Manuscripts](#) were announced earlier in the year, which will close on January 1, 2016:

- Methods to Understand Brain Connections and Neural Function
- Neurological Disease and Autonomic Dysfunction
- Active Sensing