

A Special “Reviews” Issue on the Chemical Senses

Happy New Year everyone! Here at *ACS Chemical Neuroscience* we are very excited about 2011 and our plans for the Journal. To kick off the new year, this first issue is a special thematic “reviews” issue featuring four exceptional review articles from thought leaders on the chemical senses. Xu covers the role of ASIC3 channels in multimodal sensory perception, Lundstrom provides an overview of the central processing of the chemical senses, Dong describes cells, molecules, and circuits involved in itch, and Viana reviews the chemosensory properties of the trigeminal system. Throughout 2011, *ACS Chemical Neuroscience* will continue the format of Viewpoints, Molecule Spotlight, Reviews, Letters, and Research Articles in each issue. The Editorial staff of *ACS Chemical Neuroscience* will be on the road in 2011 with a presence at every major neuroscience conference and spreading the word about the advantages of publishing your latest neuroscience research with ACS Publications. Please stop by our booths and visit.

The quality of submissions remains high, and we have a fantastic lineup of commissioned review articles in 2011 covering both small molecule therapeutics and fundamental neuropharmacology. Feel free to write me (eic@chemneuro.acs.org) or the new Managing Editor, Corey Hopkins (corey.hopkins@vanderbilt.edu), with presubmission inquiries for Reviews and Molecule Spotlight pieces—we welcome your inquiries as well as ideas for reviews and other features. For those new to *ACS Chemical Neuroscience*, the Journal is particularly interested in receiving manuscripts that focus on aspects of chemical neurobiology and bioneurochemistry such as the following:

- Neurotransmitters and receptors
- Neuropharmaceuticals and therapeutics
- Neural development: plasticity and degeneration
- Chemical, physical, and computational methods in neuroscience
- Neuronal diseases: basis, detection, and treatment
- Mechanism of aging, learning, memory, and behavior
- Pain and sensory processing
- Neurotoxins
- Neuroscience-inspired bioengineering
- Development of methods in chemical neurobiology

Research articles reporting the identification of general principles that govern how information is processed by neuronal circuits, using genetic model systems in conjunction with system biology, imaging, electrophysiological, and computational neuroscience (neuroinformatics), will also be welcomed. Moreover, scientists (chemists, biologists, biochemists, molecular psychologists, biophysicists, bioengineers, and physicians) using multiple approaches

to study the nervous systems of organisms ranging from invertebrates to humans across various stages of development, maturation, and aging are invited to submit their original work to *ACS Chemical Neuroscience*.

Unlike other neuroscience journals, a hallmark of *ACS Chemical Neuroscience* will be rapid review and publication, typically in less than 6 weeks. *ACS Chemical Neuroscience* will publish reviews, brief, high-quality research letters, and full articles, all of which have guidelines for page length and number of figures; however, since we want “full stories” to be told, we are flexible with respect to page restrictions. *ACS Chemical Neuroscience* has no publication charges, and we encourage authors to use color images. To aid in the editorial process, Arthur Christopoulos of Monash University in Australia and Alan Jasanoff at the Massachusetts Institute of Technology serve as Associate Editors. In addition, *ACS Chemical Neuroscience* has an international, world-class Editorial Advisory Board with expertise in every major area of neuroscience research.

Craig W. Lindsley
Editor-in-Chief

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