

Special Issue

The Role of Endogenous Opioid System in Food Addiction

Message from the Guest Editors

Endogenous opioids have been implicated in feeding, but the role of each opioid peptide and receptor is less clear in this regard. In particular, the role of the endogenous opioid system in the hedonic aspect of feeding and food addiction is not fully characterized. This Special Issue aims to publish breakthrough findings encompassing the role of the endogenous opioid system in the homeostatic and hedonic aspects of feeding, as well as in glucose and energy homeostasis, how palatable foods affect the level of opioid peptides and their receptors, the role of neuroanatomical site(s) of regulatory actions of opioids in the brain in the homeostatic and hedonic aspects of feeding, and where, in brain regions, palatable foods alter the levels of opioid peptides and their receptors.

Guest Editors

Prof. Dr. Kabirullah Lutfy

Department of Pharmaceutical Sciences, College of Pharmacy,
Western University of Health Sciences, Pomona, CA 91766, USA

Prof. Dr. Shafiqur Rahman

Department of Pharmaceutical Sciences, South Dakota State
University, Brookings, SD 57007, USA

Deadline for manuscript submissions

closed (15 November 2022)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/118055

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

mdpi.com/journal/

[brainsci](https://brainsci.mdpi.com)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.