



Neurobiology of Choice Behavior

Guest Editor:

Dr. Youngbin Kwak

Neuro Learning & Performance
Laboratory, Department of
Psychological and Brain
Sciences, University of
Massachusetts Amherst,
Amherst, MA, United States

Deadline for manuscript
submissions:

closed (25 September 2023)

Message from the Guest Editor

More recently, researchers in psychology, behavioral neuroscience, and computational neuroscience have started to apply these theoretical principles to studying the choice behavior and its neural underpinnings in the laboratory. For example, the electrophysiological study of animals making choices for primary rewards; the neuroimaging study of the financial decision-making process in humans. Furthermore, researchers in all of these fields are simultaneously studying how learning guides decision-making, and how computations related to decision-making and choice are represented by neural systems. Therefore, this topic aims to understand how humans learn, judge and make decisions in daily activities or in a new environment; how these abilities change across the lifespan and in neurological diseases; what the neural and physiological underpinnings of these behaviors are. Through this research topic, we aim to solicit contributions from researchers in neurobiology, behavior, and computational neuroscience which discuss the neural mechanisms underlying decision-making and adaptive behavior, and the development in neurological diseases.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Brain Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/brainsci
brainsci@mdpi.com
[X@BrainSci_MDPI](https://twitter.com/BrainSci_MDPI)