Special Issue

Brain Asymmetry in Evolution II

Message from the Guest Editor

Asymmetric development of the brain structure and function is a species-related unique feature in vertebrates and is often involved in the complex neuronal networks connecting the left and right sides of the brain. Structural and functional lateralization is obvious particularly in the cerebral cortex of higher mammals such as primates and carnivores and associated with cognition, emotion, language, preference of hand/paw use, despite its appearance with high individual variability. Notably, the lateralized morphology and/or function of the brain are frequently disturbed in psychological and neurodevelopmental disorders in humans such as autism, schizophrenia, dyslexia, attention deficit hyperactivity disorder, and specific language impairments. The purpose of this Special Issue on “Brain Asymmetry in Evolution 2” is to focus on species-related unique asymmetric features of the brain structures and function, which are essential for understanding the evolution of the brain.

Guest Editor

Prof. Dr. Kazuhiko Sawada
Department of Nurtrition, Tsukuba International University, Tuchiura, Japan

Deadline for manuscript submissions

closed (31 August 2022)

Symmetry

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 5.3

mdpi.com/si/101676

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

mdpi.com/journal/symmetry

Symmetry

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 5.3

mdpi.com/journal/symmetry

About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

Prof. Dr. Sergei Odintsov
1. ICREA, 08010 Barcelona, Spain
2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

Open Access:

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

High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)

MDPI