



symmetry

an Open Access Journal by MDPI



Fluctuating Asymmetry in Evolutionary Biology

Guest Editors:

Dr. Danijela P. Miljković

Prof. Dr. Jiri Neustupa

Dr. Peijian Shi

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

The evolution of populations, in variable environmental conditions is the result of adaptations under the influence of complex environmental stress (combination of abiotic and biotic factors), which directly affects the genetic structure of individuals and biodiversity as a whole. Evolutionary patterns of variation reflect the integration of multilevel variation caused by environmental and genetic stress. The state of population adaptation is estimated by the existence of a developmental noise that is quantified by fluctuating asymmetry. Fluctuating asymmetry represents intra-individual morphological variability and a phenotypic outcome of instability in the development of a particular genotype in the particular environment, resulting from random deviations in the development of one or more morphological traits from their expected developmental pathways...



mdpi.com/si/126401

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca
i Estudis Avançats (ICREA),
Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-CSIC), C. Can Magrans s/n,
08193 Barcelona, Spain

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.

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), CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (*General Mathematics*); Q1 (*Physics and Astronomy*); Q1 (*Computer Science*)

Contact Us

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

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

mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI