



biology



an Open Access Journal by MDPI

Craniofacial Development and Evolution

Guest Editor:

Dr. Jennifer Fish

Department of Biological
Sciences, University of
Massachusetts Lowell, Lowell, MA
01854, USA

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editor

The skull is a vertebrate novelty, the origin and diversification of which is associated with major evolutionary transitions, including the shift to a predatory lifestyle, the colonization of land, and the ability to masticate while breathing. The developmental, genetic, and epigenetic mechanisms contributing to or constraining craniofacial variation are not fully understood. Furthermore, the environmental and ecological context of development can impact both the form and function of the craniofacial structures, although much remains to be elucidated in this regard. This Special Issue will provide a broad overview of craniofacial development and evolution. We invite perspectives on the development, evolution, and/or morphological variation of any tissue or structure in the vertebrate head. Investigations of the mechanisms facilitating the evolvability and plasticity of the craniofacial structures are encouraged. Submissions may include both original research projects and reviews.



mdpi.com/si/102164

Special Issue



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)