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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.



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Special Issue



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

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

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