

Special Issue

Unusual Genomic Traits in Their Evolutionary Context

Message from the Guest Editor

The present Special Issue, edited by Dr. Miguel Ángel Naranjo-Ortiz, will focus on exploring the interplay between unconventional genomic properties and evolution. The steady accumulation of whole genome sequences has started to unveil an incredible diversity of genomes in terms of properties such as content, composition, structure, or physical organization. These genomic outliers are incredibly important. On one hand, unconventional genomic properties often play important roles in the biology of these organisms, even if such roles are not immediately apparent. On the other, some of these unusual traits can interfere with the tools used to understand them. Unique traits are also synapomorphies and thus represent a valuable tool for systematic studies, especially for organismal groups where phenotypic diversity does not reflect evolutionary diversity. We welcome papers that aim to describe, catalogue, contextualize, or reflect on the evolutionary or methodological implications of any sort of taxon-restricted genomic trait in any organismal group.

Guest Editor

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