

Special Issue

Genome Plasticity in Disease, Evolution and Adaptation

Message from the Guest Editors

Some regions of the eukaryotic genomes are characterized by an outstanding plasticity. Plastic genomic regions are more prone to genomic rearrangements allowing for structural variants or neocentromeres seeding. Besides negative consequences, as shown in human genomic disorders, these regions confer to genomes the ability to evolve with high dynamicity, to adapt to the environmental changes and contribute to speciation. This Special Issue welcomes the submission of research articles and reviews on genome plasticity and genomic variability. More in detail, submissions should be focused on the result of these two broad aspects of the evolution of the genomes and adaptation of the organisms, including the plasticity of the transcriptome and regulatory elements.

Guest Editors

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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.

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