

# Special Issue

## New Advances in Compositional Genome Evolution

### Message from the Guest Editor

In this Special Issue, we aim to integrate the latest results from prokaryotes and eukaryotes, plants and animals, unicellular and multicellular organisms, and above all vertebrates to assess the currently relevant viewpoints of the compositional genome evolution.

Namely, we aim to analyse GC-related structural as well as functional traits regarding neutral evolutionary processes and potential roles of selection in genomes and their transposons. Keywords

- AT/GC evolution in prokaryotes
- AT/GC evolution in eukaryotes
- AT/GC evolution of eukaryotic transposons (active, inactive, DNA transposons, retrotransposons)
- Role of selection in GC biology
- Levels of gene expression and GC content

\*An **early-bird discount** will be offered and you could contact SI editor [liana.duan@mdpi.com](mailto:liana.duan@mdpi.com) for details.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 May 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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