



## New Advances in Compositional Genome Evolution

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Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### Message from the Guest Editor

Dear Colleagues,

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

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## Message from the Editor-in-Chief

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