

Special Issue

Genomic Impact of Transposable Elements

Message from the Guest Editor

Transposable elements (TEs) have been found in a variety of genomes. TEs are a major source of genetic diversity in eukaryotes. TEs have played an important role in the diversification and enrichment of mammalian transcriptomes. These elements are associated with genomic instability, cancer, epigenetics, gene expression, biomarkers, and DNA repair. We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to understand TEs' significance in the host genome. We are interested in articles that explore aspects of genomic/genetic diversity mediated by TEs in all mammals. Potential topics include but are not limited to:

- Genomic rearrangement by transposable elements;
- Phylogenetic relationship based on transposable elements;
- Genetic conflict between host and transposable elements;
- Role of transposable elements in host factors and epigenetics;
- Population genetics study by transposable elements;
- Transposable element research by next-generation sequencing;

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



Life

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Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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