

Tentative Outline

Special/Thematic Issue for the journal "Current Genomics"

Title of the Thematic Issue: Biostatistical methods and Translational development in Omics

Guest Editor: Irene Suilan Zeng

- **Scope of the Thematic Issue:**

Omics and their specific biology technologies have rapidly grown in recent decades. The mathematical and statistical science in Omics have also emerged and developed correspondingly. Numerous methods and tools in experimental and clinical study design, data analysis have been produced to cope with the challenges arising in these technologies.

The proposed thematic issue aims to produce a collection of recent biostatistical methods developed in Omics and their translational application and development of these methods in Omics in the last 10 years.

The scope of the issue includes:

- Reviews of statistical methods and algorithms in the omics field.
- Reviews of significant applications in the omics field.
- New research in statistical methods, algorithms, and applications in Omics.

Keywords: reviews of current statistical methods in Omics, significant statistical applications in Omics, new statistical methods in Omics, new algorithms in Omics, new application in Omics

Sub-topics:

- Reviews of statistical methods and algorithm in Omics
- Reviews of significant statistical applications in Omics
- New research in statistical methods, algorithms, and applications in Omics.

Schedule:

- ✧ Thematic issue submission deadline:
- ✧ 30th Sept 2023.

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