

Special Issue

The Role of Genomics in Bioengineering

Message from the Guest Editor

This Special Issue aims to provide a platform for researchers to share the latest advancements in genomics and their application in bioengineering. It will cover the following key areas:

- Role of genomics in the identification and prediction of an organism's properties;
- Role of genomics in drug development;
- Application of high-throughput sequencing for the study of organisms with new properties;
- Genome engineering technologies;
- Genome editing with CRISPR-Cas9;
- Techniques and applications in genome design, advances, and challenges;
- Application of metagenomic approaches for studying microorganisms important for the food and drug industry;
- Novel genome assembly methods;
- Large-scale analysis of genomic, transcriptomic, and epigenomic data to predict the impact of genetic manipulations on model organisms.

Guest Editor

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Editor-in-Chief

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