



## Advances of CRISPR-Cas Systems for Genome Engineering

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Deadline for manuscript  
submissions:

**closed (30 November 2020)**

### Message from the Guest Editor

Recent years have seen unrivalled advances in our ability to utilize gene editing technologies due to the emergence of CRISPR/Cas systems. From its discovery as a bacterial defence system, it has evolved into a state-of-the-art tool for introducing gene modifications in a variety of model organisms. Researchers have been working tirelessly on improving the system, ensuring better on-target efficiency and reduced off-target activity, implementing novel systems that reduce the occurrence of deleterious side products and improve on delivery and expression efficacy, all with the common aim to utilize the system as a therapeutic tool.

In this Special Issue titled “Advances of CRISPR-Cas Systems for Genome Engineering”, we welcome original and novel research and review articles presenting innovative methodologies utilizing CRISPR-Cas. These can address challenges such as (1) improving the CRISPR system itself, including novel nucleases, base editing, prime editing, and similar systems; (2) refinements on the delivery and expression; and (3) therapeutic applications of CRISPR.

We are looking forward to receiving your research article.





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## Message from the Editor-in-Chief

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