

## Special Issue

# Gene Editing from Bench to Bedside and Back

### Message from the Guest Editor

Gene and base editing technologies have revolutionized the field of molecular medicine by enabling precise, targeted modifications of the genome. The rapid development of tools like CRISPR-Cas9 and base editing offers unprecedented opportunities for treating genetic disorders with minimal off-target effects. Clinical trials are already demonstrating the potential of gene editing to correct mutations in diseases like sickle cell anemia and beta-thalassemia, where gene-edited stem cell therapies have shown promising results. Additionally, base editing is being explored for conditions such as cystic fibrosis and Duchenne muscular dystrophy, with early-stage trials targeting precise DNA corrections.

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### Guest Editor

Dr. Daniel Rosenblum

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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