

## Special Issue

# Immune Cell Therapy and Genome Engineering

### Message from the Guest Editor

Immune cell therapies, such as CAR-T cells, TCR-T cells, and NK cell therapies, are transforming the landscape of cancer treatment and chronic immune disorders. These therapies harness and reprogram the patient's immune cells to recognize, target, and eliminate disease-causing cells. Beyond oncology, immune cell therapies are showing promise in infectious diseases and autoimmune conditions, offering a highly personalized therapeutic approach. This Special Issue aims to highlight the integration of cutting-edge innovations in immune modulation, regeneration, genome engineering, and epigenetic reprogramming—ushering in a new era of systems-level, personalized, and regenerative medicine. These interwoven disciplines not only enhance therapeutic precision but also redefine the boundaries of what is biologically and clinically possible.

### Guest Editor

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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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