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Gene Therapy Strategies for HIV/AIDS

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue “Gene Therapy Strategies for HIV/AIDS” will focus on novel approaches to treat HIV/AIDS using gene transfer.

The cure of the “Berlin patient” by transplantation of allogeneic hematopoietic stem cells has provided a proof of principle that HIV/AIDS can be treated using genetically resistant stem cells. This has led to preclinical and clinical studies exploring numerous approaches to create genetically modified hematopoietic stem cells and T cells that resist HIV infection. In addition, means to deliver transgenes encoding broadly neutralizing antibodies or antibody-fusions to muscle cells have shown great promise.

This issue will focus on novel approaches to HIV gene therapy, vector efficacy and safety, preclinical models and immunogenicity, and translation to the clinic.

Dr. Grant Trobridge
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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