Special Issue

New Paradigm of Gene Therapy

Message from the Guest Editor

Gene therapy is defined as introducing genetic information for therapeutic purposes. Besides conventional usage, such as protein-replacement therapies, in many medical fields, the applications have been widely expanding from vaccination against infectious diseases or cancer, and "gene" editing using the cutting-edge technologies of ZFN, TALENs, and CRISPR-Cas9. Cell therapy combined with ex vivo gene introduction is also an exciting field. The Special Issue of Pharmaceutics on "New paradigm of gene therapy" will address diverse areas related to gene therapy, including nucleic acids preparation (DNA, RNA), delivery systems, administration technique, and proof-of-concept studies using animal models. Original research papers or review articles on any of these aspects are welcomed for this Special Issue. Keiji Itaka

Guest Editor

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