

Special Issue

Adenovirus: Enduring Toolbox for Basic and Applied Research

Message from the Guest Editor

The study of adenovirus biology is an endless source for discovery in life sciences. More recently, adenoviruses have become versatile therapeutic platforms: oncolytic agents, replication-defective vaccines, and high-capacity vectors allowing efficient and stable expression of transgenes *in vivo*. This continuous effort requires a deep understanding of adenovirus structure and function. In this Special Issue, we aim to compile state-of-the-art reviews and research articles on basic aspects of adenovirus, and the applications of this knowledge for the improvement of therapeutic agents. This includes, but is not restricted to: viral entry; intracellular trafficking; replication; encapsidation, genome maintenance in infected cells; host interactions; virus persistence; oncolytic adenoviruses; adenoviral vectors, and adenoviral-based vaccines. In a moment in which gene therapy achievements and limitations are getting renewed attention, we believe this Special Issue is timely and appropriate. Please consider this opportunity to contribute to the advancement of this exciting field.

Guest Editor

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