

Special Issue

Molecular Research on Antibody–Drug Conjugates

Message from the Guest Editor

Anticancer immunotherapy drugs have shown excellent therapeutic effects in the field of cancer treatment by maximizing immune function along with strong targeting ability. In particular, over the past decade, more than 10 new antibody–drug conjugates (ADCs) have received FDA approval and entered the market. The success of new ADCs comes on the back of the development of antibodies that accurately recognize cancer cells and deliver a powerful payload, as well as a linker that connects them. However, ADC development still faces distinct challenges concerning the antibody, drug, and linker components. Overcoming these hurdles is crucial for creating ADCs that can precisely identify and effectively eradicate cancer cells. Therefore, in this Special Issue, we will discuss the development process of ADCs, the characteristics and limitations of current ADCs, various cancer cell targeting antibodies, and the payloads and linkers of various mechanisms.

In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.

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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