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Antibody Drug Conjugates

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Message from the Guest Editor

Dear Colleagues,

Antibody drug conjugates (ADCs) are a promising class of biotherapeutics for the treatment of diseases, such as cancer. Pairing potent drugs with antibodies through covalent attachment generates a unique therapeutic molecule, where the antibody provides cell-selectivity and extended serum half-life, while the drug provides a potent inhibitor of metabolism. “Piggybacking” potent small molecule drugs onto large antibody carriers has allowed new drugs to be used for cancer treatment (such as auristatins, tubulysins, PBDs, and duocarmycins) that present challenges as small molecule therapies alone. Recently fueled by the clinical success of Kadcyla and Adcetris.

This Special Issue of *Antibodies* focuses on recent advances in ADC technology, including drug-linker design, warhead selection, conjugation approaches, antibody engineering, target selection, clinical manifestation, and other aspects related to ADCs.

Dr. R. James (Jim) Christie

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

Antibodies is a relatively new journal with a major focus on quick dissemination of knowledge related to antibodies, especially how to quickly translate basic research results to therapeutic applications. Because it covers all areas related to antibodies unexpected connections between different areas could be made, leading to major discoveries and opening new fields of research and development. This is enhanced by the large readership of the many antibody-related areas of research. A specific priority area is human monoclonal antibodies for therapy of diseases and aging.

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