



Recent Advances of Site-Specific Antibody Drug Conjugations for Clinical Application

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Message from the Guest Editors

Cancer management has been revolutionized by exploiting antibodies' specific antigen recognition and therapeutic properties for both therapeutic and diagnostic purposes. These properties are strengthened by arming the antibodies with different functional molecules such as drug molecules, organic fluorophores, radionuclides, oligonucleotides, and nanoparticles. Non-specific conjugation methods that rely on acylation of the amino group on lysine or alkylation of thiol group on cysteines are widely used to equip antibodies with effector molecules.

The aim of this Special Issue is to provide a universal overview of recent developments of site-specific antibody conjugation methods and their potential application in clinical management. Original research or review articles focusing on antibody conjugates using site-specific conjugation strategies and their clinical applications may be submitted to this issue. Authors are encouraged to address topics including but not limited to biomedical research in the field of antibody conjugation development and antibody-based cancer therapy, diagnostics, and visualization.





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Message from the Editor-in-Chief

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