

## Special Issue

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

### 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.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



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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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### Editor-in-Chief

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