

Special Issue

ADME of Novel Modalities Synopsis

Message from the Guest Editors

Recombinant antibodies, genetically and chemically modified proteins, antibody-drug conjugates, de novo designed peptides, oligonucleotides, viruses, protein-degraders, as well as conventional small molecule drugs, are being pursued in the clinic and approved for disease treatment. These modalities not only offer alternative platforms for target intervention, but expand the landscape for disease intervention, complimenting both the scope of druggable target space, and introducing novel biological mechanisms that can fundamentally remedy disease processes. Consequently, the successful application of ADME and PK/PD to characterization of novel therapeutics needs to consider the unique attributes conferred by the therapeutic modality and the desired and potential off-target biological responses. The theme of these issues is to highlight how barriers to exposure, and the translation of exposure to efficacy can change across different modalities.

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