



Non-invasive Delivery of Biologics: Formulation Strategies and Regulatory Aspects

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Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editors

Over the past two decades, biologics, ranging from small peptides to monoclonal antibodies, have revolutionized the treatment of difficult-to-treat diseases, notably cancer, metabolic disorders and systemic autoimmune diseases. Aiming to enhance patients' adherence to the treatment and minimize the complications of the parenteral route, the non-invasive delivery of biologics is highly desired. This issue focuses on recently developed formulation strategies and novel delivery systems to advance the non-invasive administration of biological drugs, in addition to discussing regulatory aspects and future perspectives of biologics development.

Keywords: biologics; peptides; proteins; monoclonal antibodies; vaccines; biologics formulation; non-invasive delivery; nanomedicine; novel drug delivery systems; regulatory affairs





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