

Special Issue

Designing and Developing the Next Generation of Vaccine Adjuvants

Message from the Guest Editors

Over the past two decades, there have been significant advances in the development of novel vaccine adjuvant formulations, building from an improved understanding of how these adjuvants work, and the key role of 'delivery'. This past decade also saw the advance of several new adjuvants into clinical development, and even included into licensed products. These recent advances have expanded our understanding on mechanisms of action and have laid the groundwork for the development of new and improved technologies. There have been significant insights into the identification of new and improved agonists, which can be exploited for the rational development of the next generation of adjuvants—particularly if these ligands can be coupled with improved delivery systems to enhance potency, and limit reactogenicity, or safety concerns. This Special Issue on “Designing and Developing the Next Generation of Vaccine Adjuvants” will focus on highlighting key tools for designing and discovering novel vaccine adjuvants as well as discussing advances made in developing adjuvants suitable for clinical evaluation.

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