



Research on MHC Background and TCR Diversity in Vaccinology

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Tailored vaccine candidate T cell antigens are playing a crucial role in designing and developing promising immunization strategies against e.g., viral infections.

In contrast to traditional vaccines based on attenuated or inactivated pathogens that are often sufficiently immunogenic without added adjuvants, safer protein-based vaccines require adjuvants to induce a protective and long-lasting immune response. Antigen (Ag)-specific CD4 T helper cells play an essential role in the generation and maintenance of long-lasting humoral and cellular immunity and are therefore important vaccine targets.

In this context, we would like to encourage and appreciate the submission of recent advancements in providing evidence for the dependence on the MHC background and TCR diversity for the vaccination success to this special issue.

Contributions addressing aspects relevant for designing vaccines against zoonotic or emerging diseases, such as SARS-CoV-2, will also be considered for publication.

Dr. Sabine E. Hammer
Guest Editor





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Message from the Editor-in-Chief

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