

Special Issue

Mechanism of Receptor Recognition in Coronavirus

Message from the Guest Editor

In recent decades, the scientific community has made remarkable advancements in unraveling the mechanisms of receptor recognition in coronaviruses, a critical facet in the field of virology. More recently, during the COVID-19 pandemic, the critical role of the ACE2 receptor in SARS-CoV-2 entry was elucidated, marking a pivotal moment in contemporary research. As the field of coronavirus receptor recognition advances, it is confronted with a myriad of intricate challenges, each holding significant importance and necessitating a multifaceted approach for effective navigation. Among these challenges is the burgeoning exploration into the roles of alternative receptors and co-receptors, which highlights the complex virus–host dynamics that define these pathogens.

This Special Issue invites contributions that offer a panoramic view of the current state of research in this field, encouraging submissions that not only delve into the molecular intricacies of receptor recognition across the diverse coronavirus family but also address the pressing challenges that impede progress in this critical area of study.

Guest Editor

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