

Special Issue

Molecular Mechanisms and New Targets of Refractory Asthma

Message from the Guest Editors

Asthma is a chronic obstructive inflammatory airway disease with substantial morbidity and mortality, affecting over 300 million people worldwide. Airway hyperresponsiveness and airway inflammation are hallmarks of asthma clinically managed with β_2 -agonist bronchodilators and corticosteroids. Refractory asthma manifests with persistent symptoms despite the use of high-dose corticosteroids and long-acting β_2 -agonists, leading to increased morbidity and costs associated with treatment. Understanding the mechanisms and developing strategies to overcome this therapeutic resistance pose a significant unmet need. For this Special Issue, "Molecular Mechanisms and New Targets of Refractory Asthma", we welcome the submission of original articles and reviews that explore all biological aspects of refractory asthma, with an emphasis on molecular mechanisms and new therapeutic targets. The goal of this Special Issue is to improve our understanding of the therapeutic resistance in asthma, and provide valuable insights to address the overarching challenge of refractory asthma.

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