



Pathogenesis and Novel Therapeutics in Asthma Volume II

Guest Editor:

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Message from the Guest Editor

Asthma is a prevalent chronic inflammatory disease of the airways with complex etiology, mechanistic pathways, and variable clinical presentation. Such heterogeneity renders the search for targeted therapies. Currently, the best-known disease phenotype with tailored biological treatment is eosinophilic asthma. However, even in some of these patients, anti-IL5 treatment is ineffective. Furthermore, about a quarter of patients, especially those with a severe phenotype, develop progressive and irreversible airway obstruction, leading to persistent symptoms despite optimized treatment. Therefore, new therapeutic approaches are still needed, particularly in severe asthma. The Special Issue focuses on asthma research referring to modern personalized therapeutic opportunities. Particular interest is directed to novel asthma biomarkers, including molecular and epigenetic ones, providing new light on pathogenesis, phenotyping, and customized therapy in various airway inflammatory patterns of that disease. In addition, research articles on airway epithelial cell dysfunction, airway remodeling, and the overlap between asthma and chronic obstructive pulmonary disease are welcomed.





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Message from the Editor-in-Chief

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