



Molecular Research and Therapy of Asthma

Guest Editor:

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Message from the Guest Editor

Several distinct asthma phenotypes have been identified, with the allergic asthma phenotype being one of the most common, earliest recognized, and most described, in which allergens trigger asthma through mechanisms involving allergen-specific immunoglobulin E. To date, hereditary factors have been considered critical determinants of asthma. Now it is clear that exposures to environmental factors are implicated in the phenotypic expression of asthma and are strongly associated with the risk of its development in old age. In the era of personalized medicine and target therapies, phenotype-driven asthma management must become the main approach for optimizing the management of asthmatic patients. The knowledge of the pathological mechanisms of asthma phenotypes, clinical biomarkers related to the endotypes, and their use for the prediction of the severity of the disease forms the basis of a tailored therapy. In this Special Issue of *IJMS*, the focus will be on this competition by considering the biology of asthma in relation to new treatment options.





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Message from the Editor-in-Chief

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