

Special Issue

Molecular Research and Therapy of Asthma

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.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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