

Special Issue

Diet and Nutrition for Pediatric Asthma

Message from the Guest Editors

Secular trends show that asthma is one of the most common chronic diseases in childhood, ranking 20th among the top conditions worldwide for disability-adjusted years. In daily clinical practice, pediatric asthma constitutes a complex and multifaceted challenge that contributes significantly to the global burden of respiratory diseases in children. It is believed that the intricate interplay between genetic, environmental, and lifestyle factors including diet is implicated in asthma development. Understanding how dietary factors can influence the immunological mechanisms underlying this condition and their potential role in predisposing children to asthma is crucial for devising effective prevention and management strategies. At the same time, the therapeutic potential of specific nutrients and bioactive compounds in improving respiratory function, reducing bronchial inflammation, alleviating symptoms, and preventing airway remodeling offers new therapeutic targets for personalized nutrition therapy which could modify the course of asthma, optimize asthma control, and ultimately improve the quality of life for patients and families.

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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