

Special Issue

Advances in Nutrition and the Metabolism of Children

Message from the Guest Editors

As the human body develops, there are so-called 'critical periods' in which metabolic programming occurs through the formation of healthy eating habits, meaning that certain aspects of a diet programme affect the body of a child, influencing their health in later years. Proper nutrition during pregnancy, lactation and the first years of a child's life not only ensures adequate weight gain and optimal nutritional status but also influences the distant—so-called long-term—effects of health "programming", such as the proper functioning of the nervous system, proper development of the skeletal system, reduced risk of cardiovascular disease, reduced risk of cancer and reduced risk of obesity. This Special Issue aims to develop the scientific evidence currently available on the dietary factors influencing the subsequent occurrence or prevention of diet-related diseases in the paediatric population, as well as incorporating nutritional management, effective nutritional interventions for the metabolic safeguarding of children and the dietary management of children who have already developed metabolic consequences due to overweight and obesity.

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About the Journal

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You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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