

Special Issue

Effects of Early Nutrition on Premature Infants (2nd Edition)

Message from the Guest Editor

It has long been known that malnutrition, whether intrauterine or extrauterine, causes changes in brain development, leading to delays in the development of children and adolescents. We also know that growth and development are linked. Intrauterine and extrauterine malnutrition are becoming increasingly prevalent, especially in low- and middle-income countries, due to socioeconomic problems such as absent or inadequate prenatal care, a lack of adequate vaccination, low caloric and/or protein intake, and prematurity. Intrauterine malnutrition is also prevalent in developed countries, mainly due to problems occurring during pregnancy, such as assisted fertilization, multiple pregnancies, and pre-eclampsia. Low intake of essential nutrients for good intra- and extrauterine brain development also occurs in wealthy populations and is affected by the above factors. Therefore, malnutrition is a global public health problem highlighting a growing gap between low- and high-income countries in somatic growth and neurodevelopment. We must delve deeper into this topic by studying its consequences and prevention and looking closely at the effects of nutrition in this population.

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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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