



## Micronutrients in Human Milk

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**closed (20 December 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

Human milk is the primal food used to nourish a baby. For years, the dynamics of its composition, as well as its own mechanisms of production and adaptation to the newborn's needs, have been exhaustively investigated. However, the role of certain nutrients, enzymes, hormones, and microbiota remains unknown.

Additionally, a growing body of evidence demonstrates the role of breastfeeding as a form of protection against obesity in later life or as a positive stimulus for infant neurodevelopment. Therefore, it seems mandatory to revisit the function of human milk as a complex biological fluid that provides specific nutrients involved in infant growth and development.

This Special Issue will include manuscripts that focus on nutrients or combinations of nutrients, micronutrients, minerals, pre/probiotics, and trace-elements present in human milk that offer nutritional, developmental, immunological, or metabolic properties. The following will also be considered: descriptions or measurement methods for certain nutrients, particular circumstances that are likely to affect milk composition, or the consequent effect of these nutrients.





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