



Advanced Approaches in Nutrition Research for the Preterm Infant

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Deadline for manuscript
submissions:

closed (20 September 2023)

Message from the Guest Editors

Dear Colleagues,

Optimal nutritional delivery for the preterm infant has the potential for a multisystem impact unlike any drug. Nutrition and its nutrient composition directly influence growth, organogenesis, and immune development.

To begin this journey of a new era of nutrition research in neonatology, this issue will highlight topics that:

- deconstruct the longitudinal compositional elements of amniotic fluid and human milk to highlight nutrient needs across development and injury/illness
- implement novel imaging and laboratory methods to understand nutrient-driven biology
- biomarkers of nutritional attainment and efficacy
- develop statistical and bioinformatic tools to meaningfully disentangle the biological meaning behind vast -omic data

In light of your expertise in this subject area, you are invited to submit original research (including short communications of preliminary but significant results), reviews (narrative or systematic), or meta-analyses for this Special Issue of *Nutrients* focused on the role of "Advanced Approaches in Nutrition Research for the Preterm Infant".





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