

## Special Issue

# Personalized Medicine for Preventing and Diagnosing Preterm Birth

### Message from the Guest Editor

Premature newborns often face a range of health challenges, including respiratory distress syndrome, infections and developmental delays. By preventing preterm birth, healthcare providers can significantly reduce the risk of these adverse outcomes, giving newborns a healthier start in life. In addition, the importance of prevention extends to the long-term health and developmental trajectory of premature infants, with studies showing a higher risk of chronic conditions such as asthma, cerebral palsy and cognitive impairment. By addressing the root causes of preterm birth, healthcare professionals can mitigate the risk of these future health challenges, promoting healthier lives for these babies.

At this moment, there is no consensus on the methods of preventing premature birth.

This Special Issue aims to reduce the number of unknowns that still exist in relation to premature births and bring us one step closer to understanding the problem. Additionally, we seek to publish discussions of the integration of personalized medicine into modern solutions.

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### Guest Editor

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