

Special Issue

Adverse Neonatal Outcomes in Perinatal Periods: Risk Factors, Screening and Treatment

Message from the Guest Editors

Preterm birth affects approximately 15 million infants each year, and accounts for around 11% of live births worldwide. While modern neonatology has improved survival rates in the smallest and sickest infants, these infants are susceptible to a wide range of long-term adverse outcomes. Long term consequences may include impairments in the respiratory and cardiovascular systems (bronchopulmonary dysplasia and right heart failure), chronic kidney disease, sub-optimal growth and feeding issues, short bowel syndrome, late-life cardiometabolic disease and psychological and psychosocial long-lasting issues. In terms of cognitive and neurodevelopmental impairment including vision and hearing impairments, preterm infants are at an increased risk of developmental delays, intellectual disabilities, learning difficulties, and behavioral disorders. A multidisciplinary collaboration and holistic approach to extremely preterm infants may allow better follow-up and improve long term outcomes.

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Editor-in-Chief

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