Dear Colleagues,

The recent progress identified in Neonatal and Pediatric Intensive Care of the last 20 years is astonishing. The possibility of survival of premature babies and newborns with very low weight has increased exponentially. However, the pulmonary and gastrointestinal functions, as well as the immune systems, remain critical. The procedures of diagnosis in the neonatal settings are overlapping with diagnostic algorithms used at older age, but in any situation, they remain a complex and dynamic process, which requires an accurate medical history, a skilful physical examination, appropriate laboratory tests, and imaging studies with or without anatomo-pathological examination of tissue biopsies.

The present Special Issue aims at bringing a collection of wet lab research and review articles together to summarize a state of the art, problems and future directions in the diagnosis and management of paediatric diseases and I look forward to peruse your contributions.

Prof. Dr. Consolato Maria Sergi
Guest Editor