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Congenital Diaphragmatic Hernia—an Update

Guest Editor:

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Message from the Guest Editor

Congenital diaphragmatic hernia (CDH) continues to be an important cause of morbidity and mortality despite multiple advances in antenatal assessment, fetal therapy, resuscitation, gentle ventilation techniques, pulmonary vasodilator therapy, and extracorporeal membrane oxygenation (ECMO). The combination of pulmonary hypoplasia, pulmonary hypertension, and cardiac dysfunction complicate the pathophysiology of persistent pulmonary hypertension of the newborn (PPHN) and hypoxemic respiratory failure (HRF) associated with CDH. This Special Issue addresses various challenges in the diagnosis, assessment of severity, management, and follow-up of infants with CDH. Review articles, case reports, translational studies, protocols, as well as original basic and clinical studies are welcome.