



*diagnostics*



an Open Access Journal by MDPI

## Diagnosis and Management of Preterm Infants and Neonates

Guest Editor:

**Dr. Riccardo Riccardi**

Neonatal Intensive Care Unit,  
"Fatebenefratelli Isola Tiberina -  
Gemelli Isola" Hospital, Rome,  
Italy

Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editor

Prematurity is defined as a birth that occurs before 37 completed weeks (less than 259 days) of gestation. It is associated with a considerable risk of morbidity and mortality, particularly among extremely preterm infants (i.e., gestational age <28 weeks). Complications of the preterm infant are divided into short-term complications (e.g., respiratory and cardiovascular complications) that occur in the neonatal period, and long-term sequelae (e.g., neurodevelopmental disabilities such as cerebral palsy) in patients who survive and are discharged from the neonatal intensive care unit (NICU). Advances in neonatal intensive care have improved the survival rate of preterm infants born at an increasingly younger gestational age. Advances in technology, surgical techniques, and therapeutics have dramatically changed the management, timing of treatment, and outcomes of common neonatal diseases.



[mdpi.com/si/137003](https://mdpi.com/si/137003)

**Special** Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Andreas Kjaer

Department of Clinical  
Physiology, Nuclear Medicine &  
PET National University Hospital,  
Rigshospitalet, University of  
Copenhagen, Blegdamsvej 9, DK-  
2100 Copenhagen, Denmark

## Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

## Contact Us

---

*Diagnostics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/diagnostics](http://mdpi.com/journal/diagnostics)  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)  
[X@diagnostic\\_mdpi](https://twitter.com/diagnostic_mdpi)