

Special Issue

Neonatal Intensive Care and Neurophysiological Monitoring

Message from the Guest Editors

I would like to invite you to participate in this Special Issue “Neonatal Intensive Care and Neurophysiological Monitoring”. Neurophysiological examinations of infant patients have been more frequently performed over the last several years, thanks to the gradual recognition of the diagnostic support that these investigations can provide along with the prognosis and ongoing assessment of children with relevant diseases.

The purpose of this Special Issue is to highlight the importance of neurophysiological monitoring in defining the outcome of both preterm infants and term infants with hypoxic ischemic encephalopathy or other neurological problems.

There are many studies in the literature that correlate neurophysiological monitoring and brain injury in preterm and term infants, but it would be very useful to highlight which tests are actually useful to perform for prognostic purposes. Furthermore, important study projects on artificial intelligence are emerging that will automatically recognize bioelectrical signals for different behavioral states or the onset of seizures.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Pediatric Reports (PR) journal is a publishing platform for all topics concerning pediatrics, from basic research to bedside care. We aim at targeting a composite audience, from experienced pediatricians to young residents and fellows. Clinical observation of unusual cases will find their tribune, as well as trial reports and results of research related to diseases that may represent frequent or rare events faced by Pediatricians. We look forward to continuing the work done in the past years by *Pediatric Reports*, but also make the journal grow according to changing expectations and attitudes of both, clinicians and researchers who work for more effective pediatric care.

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