**Aims & Scope:**
Current Pediatric Reviews publishes frontier reviews, drug clinical trial studies and guest edited thematic issues on all the latest advances in pediatric medicine. The journal’s aim is to publish the highest quality review articles dedicated to clinical research in the field. The journal is essential reading for all researchers and clinicians in pediatric medicine.

**Abstract:**
This special issue concerns several topics about the possible long-term consequences when a given life, during his fetal and neonatal periods, is compromised. Research in perinatal medicine not allowed only to progressively improve the daily care of fragile neonates but also their outcome in respect to the following systems: brain and development, heart and vessels, kidneys, respiration, nutrition and digestive tract, immunity, the infant - parent’s attachment. This issue contains an introductice and reflexive paper By Oreste Battisti (University of Liège) about the impact of perinatal research on different important topics. Then the group of Umberto Simeoni (University of Lausanne) goes through the topic of prematurity and its complex management in long term cardiovascular and renal consequences. After that, the team of Bernard Thebaud (Ottawa Hospital Research Institute) discuss on bronchopulmonary dysplasia and the role of stem cells in its potential therapeutic. Then the group of Olivier Baud (Children’s Hospital Robert Debré and University of Geneva) gathers the actual knowledge on the neonatal and long term consequences of fetal growth restriction. From the period of having been fascinated by the following sentence: “Time present and time past are both perhaps present in time future, and time future contained in time past” –Burnt Norton, Thomas Staerns Eliot, the medical world can realize the global meaning of these words, especially in the follow-up studies of these young patients, in their preventive medicine and in the necessary communication between Pediatrics (Internal Medicine of children) and Internal Medicine (of adults).

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