Special Issue

Pregnancy and Health in the Newborn

Message from the Guest Editors

Early identification of newborns at risk for possible future major health complications is the first step to effective health promotion and intervention. To make this identification possible and most effective, risk factors the mother may be exposed to during pregnancy must be identified and proper intervention applied when necessary during this especially sensitive time period of development. Intervention at the earliest possible time is crucial for long term health outcomes, however, there still exists a belief that interventions over the antenatal period have less impact than those provided around the time of birth for the long-term health of newborns. Risk factors prior to birth can be subdivided according to timing, duration, dosage of exposure, and mode of action. This Special Issue will focus on identifying risk factors for major health complications in newborns present during pregnancy and on appropriate management. New prevention and treatment strategies that are consequent upon the accurate identification of those newborns at risk will also be considered, as will wider societal implications.

Guest Editors

Prof. Dr. María M. Morales Suárez-Varela

 Research Group in Social and Nutritional Epidemiology, Pharmacoepidemiology and Public Health, Department of Preventive Medicine and Public Health, Food Sciences, Toxicology and Forensic Medicine, Faculty of Pharmacy, Universitat de València, Av. Vicent Andrés Estelles s/n, Burjassot, 46100 Valencia, Spain

2. Biomedical Research Center in Epidemiology and Public Health Network (CIBERESP), Carlos III Health Institute, Av. Monforte de Lemos 3-5 Pabellón 11 Planta 0, 28029 Madrid, Spain

Prof. Dr. Agustín Llopis-González

- Department of Preventive Medicine and Public Health, Food Science, Toxicology and Forensic Medicine, Universitat de Valencia, 46100 Burjassot, Spain
- 2. Center for Biomedical Research Network Epidemiology and Public Health, (CIBERESP), 28029 Madrid, Spain

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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation, Richard N. Dixon Research Center, Morgan State University, Baltimore, MD 21251, USA

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