

Special Issue

Environmental Exposure, Pregnancy, and Neonatal Outcomes

Message from the Guest Editors

Humans are exposed to a myriad of environmental chemicals every day. These include polycyclic aromatic hydrocarbons, metals, volatile organics, pesticides, and industrial chemicals, PM 2.5, etc. Environmental exposures during pregnancy can lead to abnormal pregnancy and neonatal outcomes such as bronchopulmonary dysplasia and cognitive and neurodegenerative deficits. However, the molecular mechanisms underlying these effects are not well understood. This Special Issue is focused on the impact of environmental exposure on pregnancy and neonatal outcomes, and would include original articles on aspects related to molecular mechanisms by which environmental chemicals would contribute to abnormal pregnancy and neonatal outcomes. Potential topics include, but are not limited to, the effect of different environmental classes, [volatile organic compounds] on pregnancy outcomes, maternal and neonatal microbiome, BPD, pulmonary hypertension, neurodegenerative and cognitive deficits, intracellular targets, xenobiotic metabolism, reactive oxygen species, cell death mechanisms, etc.

Guest Editors

Prof. Dr. Bhagavatula Moorthy

Department of Pediatrics, Baylor College of Medicine, Houston, TX 77030, USA

Dr. Melissa Suter

Department of OBGYN, Baylor College of Medicine, Houston, TX 77030, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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