

Special Issue

Maternal Overnutrition and Obesity throughout Pregnancy

Message from the Guest Editor

The placenta plays a central role in regulating nutrient flow from the mother to the fetus; therefore, complications resulting from maternal overnutrition and/or obesity during gestation may alter placental vascularity, metabolism, and/or nutrient transport function, leading to alterations in fetal growth, metabolism, and organ development (Ford and Odhiambo, 2017). The prevalence of obesity in pregnant women is reported to be between 20% and 34%, impacting individuals of differing ages, races, ethnicities, and socioeconomic statuses worldwide (Ng et al, 2014). Further, it has been reported that the prevalence of overweight and obesity among children and adolescents is about 13% and 24% in developing and developed countries, respectively, causing maternal obesity to be a major public health issue on the global scale. This Special Issue will focus on research related to maternal diet and health during pregnancy and implications on offspring health and development.

Guest Editor

Dr. John F. Odhiambo

College of Agriculture and Food Sciences, Florida A&M University,
Tallahassee, FL 32307, USA

Deadline for manuscript submissions

closed (30 June 2022)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/75881

*International Journal of
Environmental Research and
Public Health*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

ijerph@mdpi.com

mdpi.com/journal/

[ijerph](https://mdpi.com/journal/ijerph)





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

Message from the Editor-in-Chief

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.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)