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

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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

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Editor-in-Chief

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