

Special Issue

Risk Factors and Molecular Mechanisms of Gestational Diabetes III

Message from the Guest Editor

Gestational diabetes mellitus (GDM) is one of the most common pregnancy-related health conditions. The majority of women developing GDM have peripheral insulin resistance related to being overweight and obese. GDM increases the risk for the development of type 2 diabetes and cardiovascular disease in women. Moreover, GDM is associated with elevated incidence of complications during delivery, fetal postpartum hypoglycemia, and congenital defects. In addition, GDM is associated with altered fetal growth as well as obesity, type 2 diabetes (T2D), and heart disease in the offspring as they age. Considerable interest is focused on finding biomarkers and mechanisms that explain GDM risk, as well as the mechanisms that condition the offspring for an increased risk of disease. This Special Issue will focus on biomarkers and mechanisms in humans and animal model research. Authors are invited to submit manuscripts that address risk factors, biomarkers, and mechanisms of GDM development and their impact on their offspring. In addition, authors may also discuss therapies and interventions for GDM.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/100668

*International Journal of
Molecular Sciences*
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