



## Risk Factors and Molecular Mechanisms of Gestational Diabetes III

Guest Editor:

**Dr. Vernon W. Dolinsky**

Diabetes Research Envisioned  
and Accomplished in Manitoba  
(DREAM) Research Theme of the  
Children's Hospital Research  
Institute of Manitoba, University  
of Manitoba, Winnipeg, Canada

Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### Message from the Guest Editor

Dear Colleagues,

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.

Dr. Vernon W. Dolinsky  
Guest Editor





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## Message from the Editor-in-Chief

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