

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

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

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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.

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