

Special Issue

Gestational Diabetes: Nutritional Aspects of Cause, Consequences, and Treatment

Message from the Guest Editor

Gestational diabetes (GDM), defined as glucose intolerance first detected in pregnancy, has a rising prevalence such that it is thought to affect up to one in six pregnancies worldwide. Nutrition plays a key role in it, whether as part of an 'unhealthy' diet that contributes to its cause or as changes in dietary intake which act as the frontline treatment for GDM (supplemented with exercise and, sometimes, pharmacological intervention). Dietary changes can therefore alter the risk of developing GDM in the first place, and once it has emerged in pregnancy, the risk of developing GDM-related complications such as macrosomia, respiratory distress, hypoglycemia, and jaundice in the neonate, and pre-eclampsia, as well as leading to an increased need for caesarean section and placental abruption in the mother. In this Special Issue, we aim to highlight the role of nutrition in both the etiology of GDM, whether directly or indirectly through weight gain and obesity, and in its role as a GDM treatment to lower hyperglycemia and the risk of these complications.

Guest Editor

Dr. Clive J. Petry

School of Clinical Medicine, Wellcome-MRC Institute of Metabolic Science, University of Cambridge, Cambridge CB2 0QQ, UK

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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