Special Issue

The Role of Microorganism in Gestational Diabetes Mellitus 2.0

Message from the Guest Editors

Gestational diabetes mellitus (GDM) complicates 4–12% of pregnancies and is considered one of the most prevalent pregnancy complications. In recent years, the role of the intestinal microbiome in the context of metabolic diseases, particularly in glucose and insulin metabolism, has attracted a lot of attention. In parallel, a growing body of evidence has shown that probiotic supplements improve glucose metabolism by increasing host insulin sensitivity, cholesterol metabolism, and having a beneficial effect on the immune system. The aim of this Special Issue is to provide a collection of articles that showcase the current research of "The Role of Microorganism in Gestational Diabetes Mellitus". Keywrds: gestational diabetes mellitus; microbiome; glycemic control; glucose and insulin metabolism obstetric complications; probiotics; lactobacilli; obesity; weight gain; fat metabolism

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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