

Special Issue

Diabetes Mellitus (DM) - Endocrine and Metabolic Disorders

Message from the Guest Editor

The prevalence of different types of diabetes, such as type 2 and gestational diabetes, is constantly increasing. Although new targets have been identified and new therapeutic approaches developed in recent years, many processes in the pathogenesis of diabetes mellitus are still not understood. In this context, the definition of new diabetes subtypes represents an appropriate approach to close this gap. This applies in particular to type 2 diabetes, gestational diabetes, but also to pre-existing symptoms in form of prediabetes, which can be very different in their expression. This Special Issue aims to better understand the transition from prediabetes to manifest diabetes and whether new subtypes of the disease can be defined within this process. Pathophysiological changes in the hormone secretion of the islets of Langerhans, the regulation of glucose metabolism by the liver, and the interactions between different tissues will be considered. The influence of different mechanisms on diabetic complications is also relevant. In this regard, pathological changes in the mitochondrial metabolism of the relevant tissues can also be addressed.

Guest Editor

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