



Type 1 Diabetes: Cellular and Molecular Pathophysiology

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Message from the Guest Editor

Dear Colleagues,

Type 1 diabetes, is a chronic impairment in production or an absolute deficiency of insulin, mainly caused by dysfunction of pancreatic beta cells due to attack by the immune system. Its highest prevalence is predominantly associated with children and adolescents. Due to complexity of autoimmune reactions involved in T1D, and additional contribution of genetic and environmental factors, pathomechanism remains a serious challenge.

This special issue aims to collect topics focusing on immunological factors and metabolic biomarkers related to pancreatic β -cell deterioration. Research on any molecular mechanisms related to the pathogenesis of type 1 diabetes is also welcome. Methodological studies focusing on new models as well as research techniques used to study these aspects are also welcome.

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Guest Editor





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Message from the Editor-in-Chief

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