

## Special Issue

# Type 1 Diabetes: Cellular and Molecular Pathophysiology

### Message from the Guest Editor

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  $\beta$ -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.

### Guest Editor

Prof. Dr. Artur Bossowski

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### Deadline for manuscript submissions

closed (20 December 2024)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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Molecular Sciences*  
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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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### Editor-in-Chief

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