



## Pathophysiological and Therapeutic Perspectives of Type-1 Diabetes

Guest Editor:

### Dr. Srinivas Nammi

Discipline of Medical Sciences,  
School of Science and NICM-  
Health Research Institute,  
Western Sydney University,  
Sydney, NSW 2751, Australia

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### Message from the Guest Editor

Knowledge on the pathogenesis and natural history of type 1 diabetes has substantially grown in the last few decades. It is an auto-immune condition characterized by the destruction of the pancreatic beta cells, leading to absolute insulin deficiency. The destruction of  $\beta$ -cells is triggered by genetic, environmental and immunologic factors that destroy the endocrine cells of the pancreas, leading to insulin deficiency. Furthermore, inflammation (e.g., interleukin-1 mediated) may play a significant role in islet  $\beta$ -cells loss in type-1 diabetes. Patients with type 1 diabetes may also, coincidentally, have pathophysiological elements of type 2 diabetes.

We invite scientists to contribute both original research articles and reviews that highlight the development of pathophysiological pathways of type-1 diabetes and current therapeutic perspectives. Both basic and translational research papers are welcome.





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### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
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Rehabilitation Hospital and  
Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

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*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
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