



Therapeutic Approaches for Type 1 and Type 2 Diabetes

Guest Editors:

Message from the Guest Editors

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Deadline for manuscript
submissions:

closed (15 December 2019)

Type 1 diabetes (T1D) is a life threatening disease which requires daily injections of insulin. At present, there is no cure for T1D. This disease develops when white blood cells that normally protect the body from infections get a signal to destroy cells in the insulin-producing areas of the pancreas (beta cells); thus there is no insulin produced. The white blood cells, in particular T cells, are primarily responsible for this destruction. Some of the targets within the pancreas that the T cells recognise and attack are known and are used for therapeutics and vaccine purposes. B cells (auto-antibodies) have also been identified to damage the pancreas T1D patients.

Type 2 diabetes (T2D) is a progressive condition where beta cells in the pancreas still make insulin but not enough or the the body's cells can't respond properly to insulin that is made. This leads to high glucose levels. People with T2D are at risk of other co-morbid disorders including cardiovascular disease, mental health, inflammatory disorders and cancer.

This Special Issue is for reviews or original research papers on therapeutics against T1D and T2D.





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Message from the Editor-in-Chief

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