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Hyperglycemia: From Pathophysiology to Therapeutics

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editor

Hyperglycemia, a marked elevation in blood glucose, is widely observed in humans. An understanding of hyperglycemia is important and useful in life science.

Before now, low levels of insulin and/or higher glucagon were known to contribute to the induction of hyperglycemia. Recently, many novel endogenous substances that may also contribute to hyperglycemia have been identified, such as incretins, hepatokines, microRNAs, and others. The role of these substances in glyceemic regulation remains obscure. Therefore, we wish to initiate the interest of researchers focusing on this topic.

Moreover, the treatment of hyperglycemia through natural products or others is also widely applied. Considering the high interest in the development of new method(s) and/or substance(s) for the reduction of hyperglycemia, this Special Issue also aims to contribute to the overall knowledge of therapeutics from various aspects, including local traditional medicines and/or alternative medications.

This Special Issue welcomes scientific papers including reviews, opinions, original research articles, etc, targeting hyperglycemia, from pathophysiology to therapeutics.



mdpi.com/si/84980

Special Issue



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Message from the Editor-in-Chief

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