



Mechanisms of Cancer Development in Diabetes

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Message from the Guest Editor

Cancer remains one of the leading causes of death and has a high global prevalence. According to published studies, the risk and mortality rate of cancer has been found to be significantly increased in patients with diabetes and obesity. The mechanisms underlying this increase have been investigated by many researchers, and inflammation, endocrine effects, hyperglycemia, insulin resistance, and hyperinsulinemia associated with diabetes and obesity have been proposed. Metformin, which is produced from French lilac, is an oral biguanide and has been prescribed to over 120 million patients with diabetes or polycystic ovary syndrome all over the world. Interesting data on metformin have been reported, and this medicine has been found to exert protective effects against the promotion or incidence of cancers. In this Special Issue, updates in our understanding of the molecular mechanisms of these factors in cancers in diabetes patients will be reviewed and discussed in the context of the possibility of overcoming cancer in the near future.





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Message from the Editor-in-Chief

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