



Mechanisms of Cancer Development in Diabetes

Guest Editor:

Prof. Dr. Naotake Hashimoto

Department of Diabetes,
Endocrine and Metabolic
Diseases, Tokyo Women's
Medical University Yachiyo
Medical Center, Chiba 276-8524,
Japan

Deadline for manuscript
submissions:
closed (31 May 2022)

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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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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