

## Special Issue

# Molecular Aspects of Diabetes and Its Complications

### Message from the Guest Editor

The management of diabetes remains a major global health challenge. Despite advances in treatment, diabetes accounts for approximately 6% of total global mortality, with many of these deaths attributable to cardiovascular disease. In addition, diabetes is the leading cause of kidney failure and blindness, as well as a significant cause of non-traumatic lower limb amputations. In recent years, significant progress has been made in understanding the molecular mechanisms underlying both the disruption of glucose homeostasis and the pathophysiology of diabetes-associated complications. This Special Issue of *IJMS* invites original research articles and comprehensive reviews that provide insight into type 2 diabetes and its complications. Topics of interest include, but are not limited to, the molecular and preclinical aspects of macrovascular complications—such as atherosclerosis, cardiovascular disease, and peripheral and foot artery disease—as well as microvascular complications including diabetic nephropathy, neuropathy, and retinopathy. Finally, we also aim to highlight the current and emerging therapeutic strategies designed to prevent or mitigate these complications.

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### Guest Editor

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## International Journal of Molecular Sciences

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