

Special Issue

Oxidative Stress and Inflammation in Diabetic Micro and Macrovascular Complications

Message from the Guest Editors

Oxidative stress and inflammation are two key drivers of diabetic vascular disease. Novel treatment strategies that address these underlying drivers are urgently needed to lessen the burden of debilitating micro- and microvascular complications that accompany Type 1 and Type 2 diabetes. This Special Issue will investigate novel and emerging strategies to lessen diabetic vasculopathies. Indeed, lowered oxidative stress and reduced inflammation have been linked to the most promising and newest hyperglycemia-lowering drugs, i.e., SGLT2 inhibitors, DPP4 inhibitors, and GLP-1 receptor agonists. Elucidating how these and other novel therapies improve diabetic micro- and microvascular complications will not only highlight the importance of targeting these key pathways but also strengthen their use as novel therapeutics with added vascular benefits, often independent of their glucose-lowering abilities.

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Deadline for manuscript submissions

closed (28 February 2022)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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