



## Cyclitols in Cardiometabolic Syndrome

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**closed (31 October 2021)**

### Message from the Guest Editors

In recent years, accumulating evidence from animal and human studies suggested a wide range of pharmaceutical benefits of cyclitol supplementation. Among different compounds, the greatest attention was attracted to inositols, in particular *myo*-inositol and *D-chiro*-inositol. As key mediators of cell signal transduction, inositols play a major role in insulin signaling, cell growth, peripheral nerve function, and osteogenesis.

Simultaneously to improvement in glucose metabolism, inositol supplementation may have a beneficial effect on a variety of metabolic factors, including blood lipids, blood pressure, weight status, and subclinical inflammation.

This Special Issue aims to bring the readers' attention to the role of cyclitols in cardiometabolic health. We invite research papers focusing on pharmacokinetics, pharmacodynamics, metabolic function of cyclitols, in particular inositols.





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