

Special Issue

Periodontal Disease: A Risk Factor for Diabetes and Cardiovascular Disease

Message from the Guest Editor

Periodontal disease is a common chronic inflammatory disease characterized by destruction of the supporting structures of the teeth, including the periodontal ligament and alveolar bone. The risk of developing periodontal disease is increased by almost threefold in diabetic patients. In addition, development of cardiovascular disease is two times higher in patients with periodontitis than in patients without. While the link between oral health and diabetes and cardiovascular disease has been extensively studied, the complicated relationship between these diseases is not fully understood. The main objective of this Special Issue is to gather papers that have both a strong basic research background and a clear translational potential. We encourage manuscript submissions that identify possible mechanisms for the increased risk of diabetes and cardiovascular pathophysiology in patients with periodontal disease. This includes those studying regulation of diabetes mellitus, gestational diabetes, coronary artery disease, cardiac remodeling (ischemic and non-ischemic), heart failure, hypertension, and cardiorenal syndrome.

Guest Editor

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