

Special Issue

New Insights into the Pathogenesis, Autoimmunity, and Management of Systemic Sclerosis

Message from the Guest Editor

Systemic Sclerosis (SSc) is an uncommon, heterogeneous disease in which impaired communication between endothelial cells, epithelial cells and fibroblasts, lymphocyte activation, autoantibody production, inflammation, and connective tissue fibrosis occur simultaneously and contribute to organ damage. The pathogenesis of SSc is extremely complex and despite a number of studies that examined several aspects of its intricate picture, the mechanisms involved are still largely unknown.

Some manifestations of SSc, are now treatable while others are still life-threatening. Improved understanding in terms of autoimmune involvement, early recognition, and treatment of symptoms and complications is therefore crucial for the clinical evolution of SSc patients.

This Special Issue calls for original research papers and reviews, addressing the current knowledge of SSc pathophysiological mechanisms and the progress in the treatment of the disease.

Keywords: Scleroderma; Cytokines; inflammation; Fibroblasts; Radical Oxygen Activation; Fibrosis; Digital ulcers; Pulmonary hypertension; Innate immune receptors; Aortic stiffness; Renal crisis; Vascular involvement; Pulmonary fibrosis

Guest Editor

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