# Special Issue

# Regulation of Fibroblasts and Fibrosis in Cardiovascular Disease

### Message from the Guest Editor

Accumulation of the extracellular matrix results in altered tissue biomechanical properties and can deleteriously impact tissue and organ function. In the cardiovascular system, fibrosis is a predictor of adverse cardiovascular events and is an important driving force in the progression of cardiovascular disease. Fibrosis is a highly complex process that involves a number of cell types, including extracellular matrix-producing cells, as well as immune and inflammatory cells. This process also involves an array of biochemical mediators, including secreted factors and diverse signaling pathways. Recent studies in experimental models and clinical observations indicate that fibrosis may be reversible. This has led to enhanced interest in elucidating the underlying mechanisms of fibrosis and identifying novel therapeutic targets for this process. This Special Issue aims to provide review and primary research articles focused on the cellular and molecular mechanisms of cardiovascular fibrosis and potential therapeutic approaches for this processes.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 January 2025)

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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