“Resolving Inflammation in Diabetic Complications: Are we nearly there yet?”

Recent Research Highlights:

• Discovery of Gremlin-1 as a key driver of diabetic nephropathies in experimental models and human disease by driving fibrosis.

• Design of a novel Gremlin-1 mutants which acts to restrict the antagonistic effect of Gremlin-1 on BMP agonists, limiting fibrosis in renal cells.

• The Specialized pro-resolving mediator (SPMs); Lipoxins promote the resolution of inflammation in diabetes associated atherosclerosis.

• Exploring the potential of synthetic SPM-based mimetics for inflammatory nephropathies.