

**Defined by the pathological accumulation of extracellular matrix (ECM) proteins, fibrosis results in scarring and thickening of the affected tissue, it is in essence an exaggerated wound healing response which interferes with normal organ function.**



# Fibrosis Inflammation

Tissue damage and inflammation are important triggers for regeneration and fibrosis. CBI focuses on the pathways leading from tissue damage to inflammation, from inflammation to fibrosis and from fibrosis to function.

CBI provides comprehensive variety of robust and validated models for fibrosis and scar formation in many models as well as a variety of in vivo, in vitro and histologic methods to support assessment of efficacy.

## **Sample Fibrosis Models**

Bleomycin-Induced Pulmonary and Dermal Inflammation and Fibrosis

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Thermal and UV burns

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Burn-induced Dermal Scarring and Fibrosis

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Dermal Grafting and Wound Healing

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Full and Split Thickness Dermal Fibrosis and Scar Formation

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