Acute kidney injury

Tubular epithelial cell → Tubular cell death → mTOR↑ → PPARγ activation → HGF → Tubular cell survival and proliferation → Repaired Kidney

Chronic kidney injury

Fibroblast → mTOR↑ → Myofibroblast → Kidney fibrosis

Macrophage → mTORC2 → M2 polarization → Collagen synthesis → ECM deposition → Scarred Kidney

Accessing our world from every angle