Kidney360
www.kidney360.org

Reciprocal Signaling between Resident Macrophage and Epithelial cell in cystic kidney

Abnormal Vasculature

↑ ECM deposition and Fibrosis

↑ Interstitial inflammation

↑ Proliferation

↑ Apoptosis

Cyst

Renal tubule

Inflammatory Cytokines

IL6, Wnt5 Signaling?

mCT-CSF1

Epithelial Cell

Resident Macrophage

CSF-1R

RM
IM
T cell
Neutrophil

Epithelial cell
Dividing cell
Apoptotic Cell
Myo-fibroblast

Cytokines
Vascularture
Extracellular Matrix

Accessing our world from every angle