

ACE2

ACE1

Increased by: Synergy between innate and adaptive immune systems, fever

Immune response

Decreased by: Immune suppression, excessive inflammation, cytokine secretion from injured alveoli

Increased by: Inflammation, Chronic Injury, Fibrosis, Remodeling, Apoptosis

Injury due to altered RAS activation

Decreased by: Rebalancing RAS pathway with pharmacological agents

Balance between worsening lung injury or recovery