Key questions defining research program:

1) How dysfunction of mesenchymal cells promotes lung fibrosis
2) What are the mechanisms involved in the age-related susceptibility to disrepair in the lung?
3) How local and recruited stem cells promote lung repair

Key words describing research program:

1) Idiopathic Pulmonary Fibrosis
2) Animal models of acute and chronic lung injury
3) Aging
4) EVLP
5) Cell therapies

Titles for shovel-ready research projects:

1) Preclinical studies testing novel therapeutics for systemic sclerosis in human skin and lung explant, and murine models