Key questions defining research program:

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

Key words describing research program:

- Idiopathic Pulmonary Fibrosis
- Animal models of acute and chronic lung injury
- Aging
- EVLP
- Cell therapies

Titles for shovel-ready research projects:

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