Key questions defining research program:
1) Do macrophages determine post-MI healing of the myocardium?
2) Does the origin of macrophages regulate insulin sensitivity?
3) What are the molecular signaling for inflammatory cell production?
4) Why tissue resident macrophages disappear in the visceral adipose tissue of diabetic patients?

Key words describing research program:
1) Inflammation
2) Macrophages
3) Myocardial infarction
4) Atherosclerosis
5) Insulin resistance

Titles for shovel-ready research projects:
1) The role of macrophages of different origins in post-MI healing of the myocardium and diabetes.
2) Mechanisms of insulin resistance after MI.
3) Molecular cues for inflammatory myeloid cell production in pulmonary hypertension.
4) The role of SerpinB2 in the disappearance of beneficial tissue resident macrophages in diabetes.
5) Exacerbation of atherosclerosis by VCAM-1+ macrophages.