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Key questions defining research program:
- How does lysine acetylation regulate mitochondrial bioenergetics?
- What processes regulate mitochondrial acetylation?
- How does acetylation regulate cardiac mitochondrial fuel substrate usage in normal and failing hearts?

Key words describing research program:
- Mitochondria
- Acetylation
- Fatty Acid Oxidation
- Heart Failure
- Bioenergetics

Titles for shovel-ready research projects:
- Do fatty acid oxidation inhibitors impact cardiac lysine acetylation?
- Can Sirt3 activation rescue high-fat diet induced cardiomyopathy?

Data sources for shovel-ready research projects:
- In vivo mouse work
- Seahorse bioanalyzer
- Cell culture studies