Key questions defining research program:

• How does Circadian Clock affect cellular stress responses with a focus on tissues critical to metabolism and diabetes?
• How does the pancreatic beta cell decide to proliferate or not?
• How to induce adult stem cells to become pancreatic beta cells in diabetes?
• How does Circadian Clock control Mitochondrial function?

Key words describing research program:

• Pancreatic beta cells
• Diabetes
• Circadian clock
• Stem Cells
• Cellular Stress Responses

Titles for shovel-ready research projects:

• Role of E4BP4 in beta cells
• Mechanisms underlying Circadian Clock control of ER stress in beta cells
• Mitochondria on a Timer, clock control of mitochondrial function