

Cardiometabolic Disease Research Group



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Multiple research projects available for students interested in developing novel treatments for:

Heart disease

- Preventing and reversing atherosclerotic cardiovascular disease
- Preventing and reversing diabetes-accelerated atherosclerosis
- Stopping cardiac damage in people that have had a heart attack

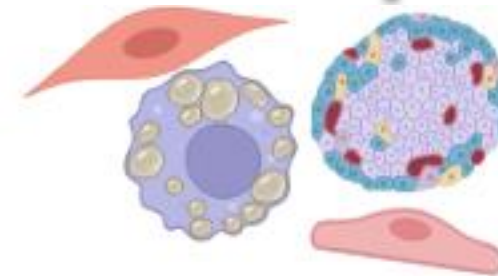
Diabetes

- Preventing and reversing type 2 diabetes
- Regeneration of new insulin producing cells in people with type 1 diabetes

Techniques



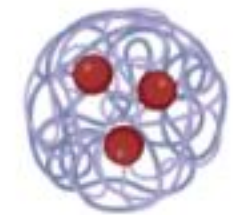
Animal models



Cell biology



Peptide design



Nanoparticle synthesis



Drug delivery



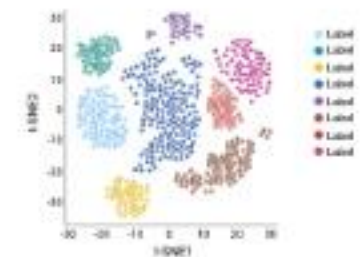
Mass cytometry



Mass spectroscopy



Flow cytometry



Transcriptomics