1. Using budding yeast to study mechanisms of protein transport and organelle biogenesis.

2. Continuous monitoring of phytoplankton community composition in Port Shelter.

3. Exploring the use of fish scales as a possible complementary model to study bone development, disease and regeneration.

4. Exploring the role of ChD2 signaling during the function and function of Keplor’s Vescule and what, if any, influence does this have on early heart development.

5. Exploring the use of fish scales in a possible complementary model to study bone development, disease and regeneration.

6. Exploring the use of fish scales as a possible complementary model to study bone development, disease and regeneration.

1: CRISPR/Cas-mediated genome editing in iPSCs

2: Continuous monitoring of phytoplankton community composition in Port Shelter.

1. Using CRISPR to generate transgenic strains for monitoring fat storage in C. elegans.

2. Continuous monitoring of phytoplankton community composition in Port Shelter.


1. Using CRISPR to generate transgenic strains for monitoring fat storage in C. elegans.

1. Using CRISPR to generate transgenic strains for monitoring fat storage in C. elegans.

2. Continuous monitoring of phytoplankton community composition in Port Shelter.

3. Post-transcriptional regulation of stem cell quiescence.

4. Construction of chimeric G protein receptors and tuning of the animal communication efficacy by changing receptor repertoire and function.

5. Construction of chimeric G protein receptors and tuning of the animal communication efficacy by changing receptor repertoire and function.

1. Using budding yeast to study mechanisms of protein transport and organelle biogenesis.

2. Continuous monitoring of phytoplankton community composition in Port Shelter.

3. Exploring the use of fish scales as a possible complementary model to study bone development, disease and regeneration.

4. Exploring the role of ChD2 signaling during the function and function of Keplor’s Vescule and what, if any, influence does this have on early heart development.

5. Exploring the use of fish scales in a possible complementary model to study bone development, disease and regeneration.
