Funai and his colleagues discovered that exercise increased the amount of a certain fat. They are now investigating this and other fats involved in mitochondrial health. Some fats may be bad for health, but others exert beneficial effects. More research will be needed to identify the roles of these fats in various health conditions.

PCOS is a hormonal disorder affecting the ovaries. Researchers at the University of Utah have found that women with PCOS have higher levels of some fats compared to those without the disorder. This suggests that fat could play a role in the development of PCOS.

Their work revealed that the choice of whether to import pyruvate has far-reaching medical implications. This discovery could lead to new treatments for diseases like diabetes and cancer.

Other researchers have found that exercise can help prevent obesity and metabolic problems. This is because exercise helps the body maintain a healthy weight and blood sugar levels.

Jared Rutter, PhD, an assistant professor at the University of Utah, has been awarded the Scott Summers Awarded William Endowed Chair in Biochemistry. He is currently leading a research project funded with $42,000 to study the impact of sugar on inflammation and disease risk.

Jennie L. Hill, PhD, is leading a research project funded with $24,000 to study the impact of sleep on bone health. The study will focus on how sleep affects the bones of hibernating bats and squirrels.

In August of 2021, Scott Summers was awarded the Endowed Chair in Biochemistry. He is currently leading a research project funded with $42,000 to study the impact of sugar on inflammation and disease risk.

Sanford Health and the University of Utah have partnered to develop new methodology in metabolism that will be used by the broader DMRC research community. This partnership is expected to lead to new research explorations into metabolism that otherwise would not be possible.

The DMRC is a community of over 30 investigators led by Division of Endocrinology Chief Ann Marie Pankow, MD. They are committed to improving health outcomes through research and education.