



LEELA QUANTUM TECH[®]

Mitochondrial Health Study

Study Conditions

Mescreen adapted cell-based assessment of mitochondrial function

Collection 1 – n=6 – Pre-Test

Collection 2 – n=5 – 1 week

Collection 3 – n=6 – 1 month

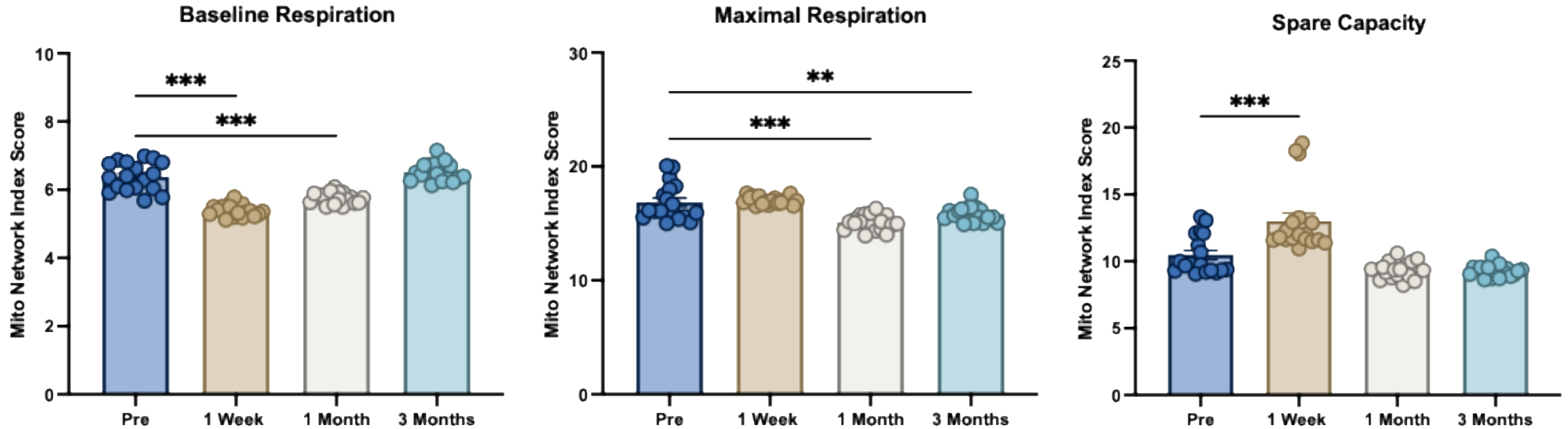
Collection 4 – n = 5 – 3 months

Hypothesis: Can quantum energy impact mitochondrial function?

Data Collection

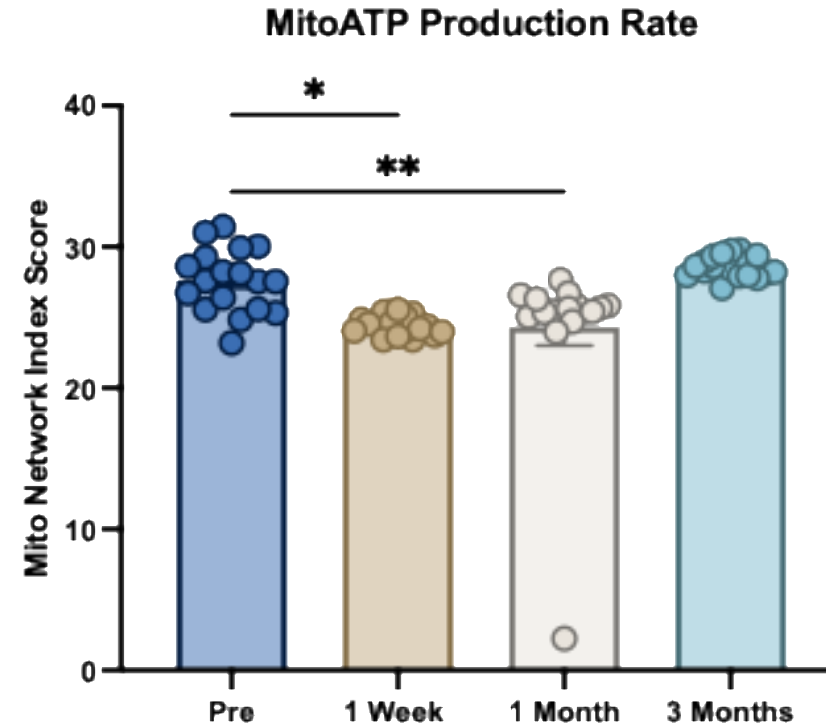
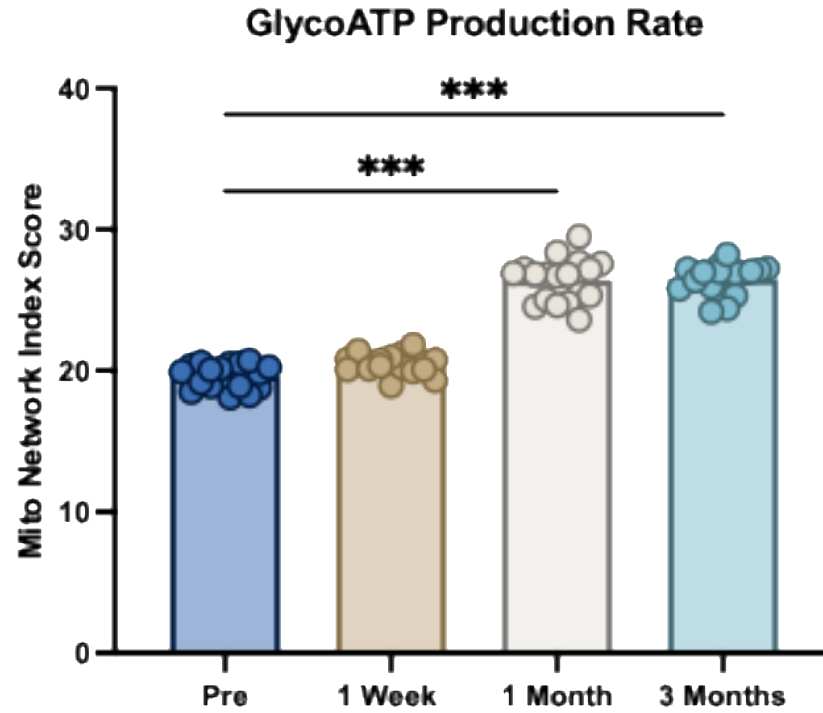
- 1) Complete Metabolic Profile**
 - Mitochondrial Stress**
 - ATP Synthesis Rate**
- 2) Reactive Oxygen Species Generation**
 - Baseline and stress conditions**
- 3) Mito-Network**
 - Baseline and stress conditions**

Mitochondrial Respiration



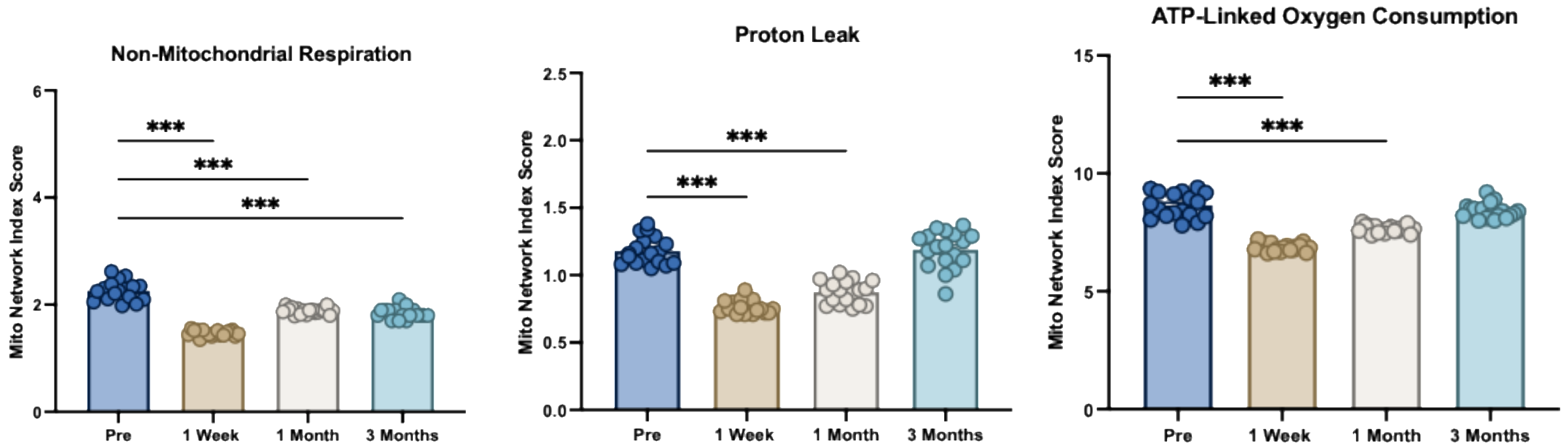
Fluctuations in Baseline Respiration and Maximal Respiration

Energy Production



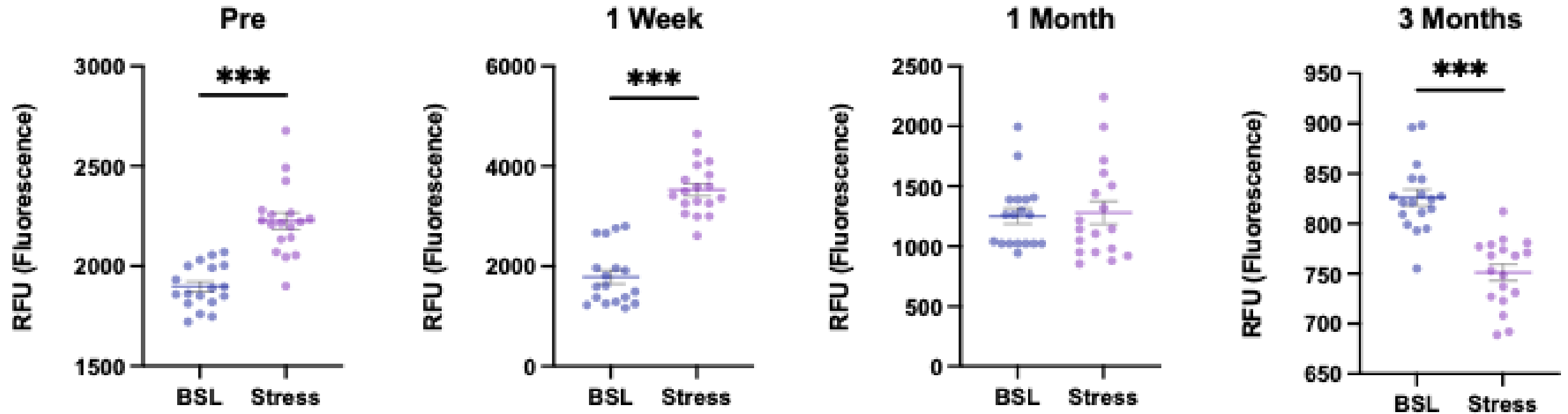
GlycoATP production rate increases over time

Non-Mitochondrial Respiration and Efficiency

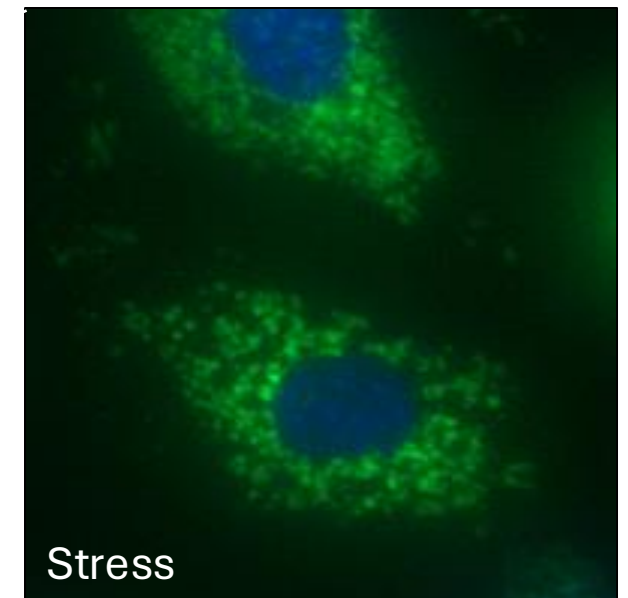
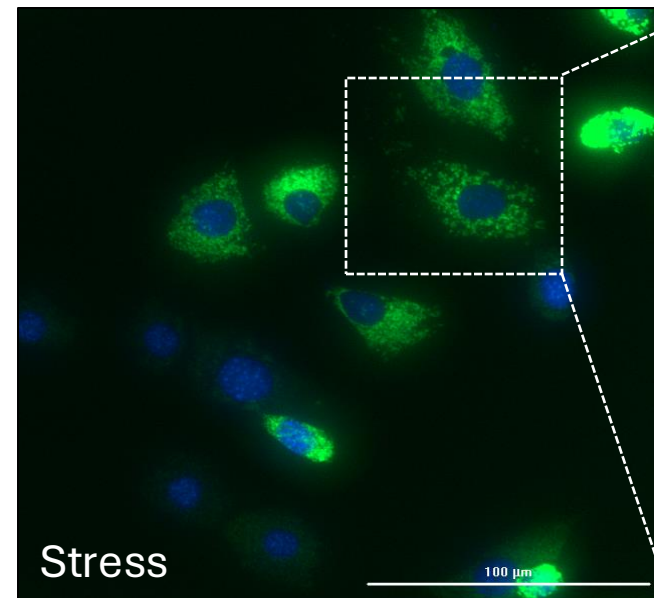
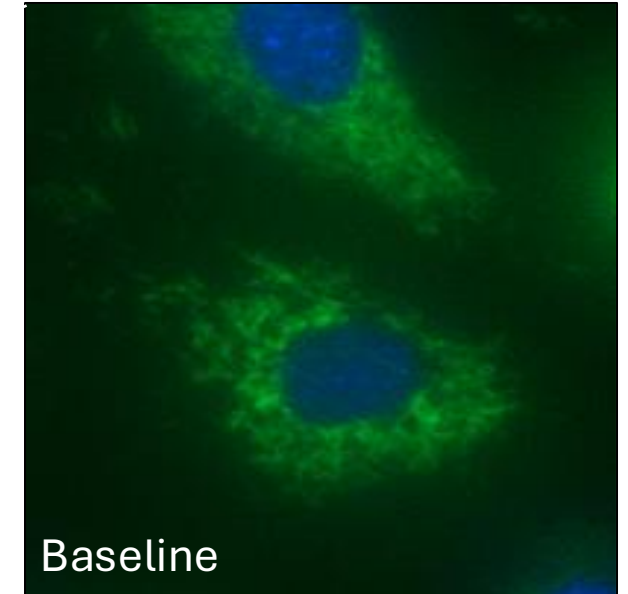
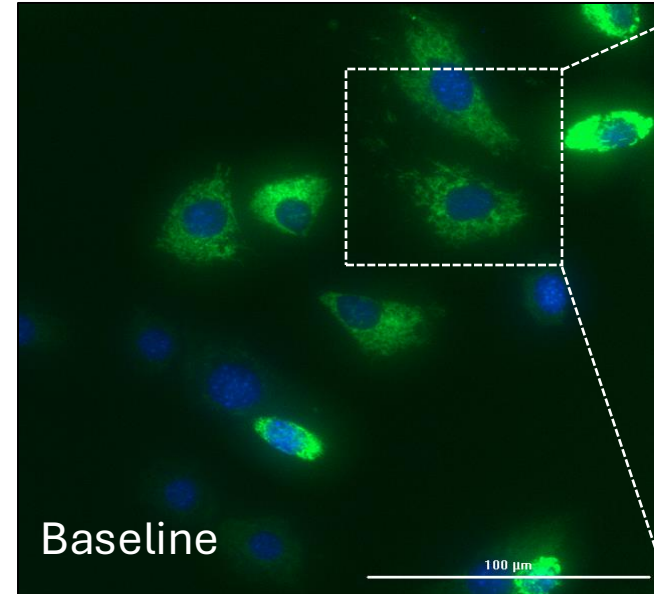
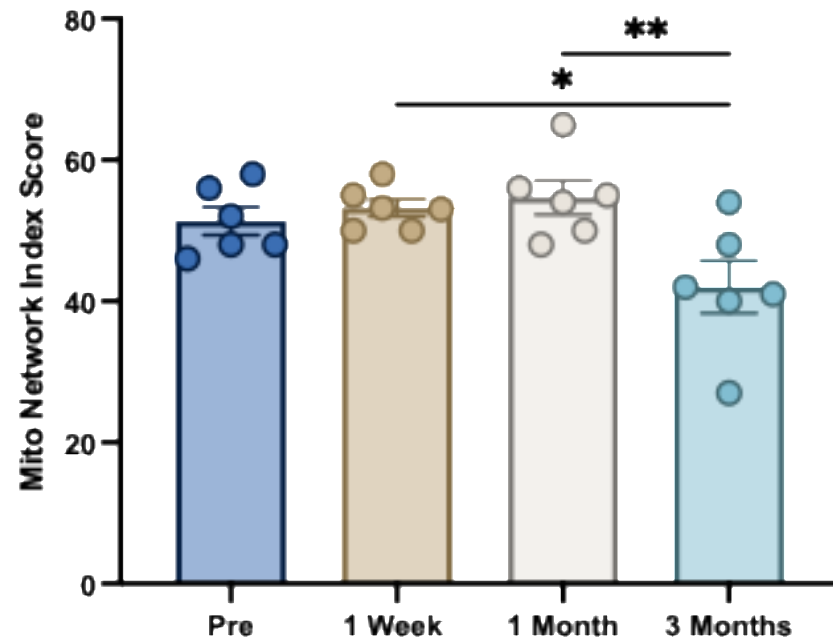


Non-Mitochondrial Respiration decreases over time, leak decreases and normalizes, ATP-linked consumption decreases and normalizes by 3 months

ROS Decreases Significantly in Stressed States at 1 and 3 Months



Mito Network is Improved at 3 Months



Conclusions

- GlycoATP production is increased over 3-month time point
- ROS is significantly decreased (improved) at 3-month time point
- Mito-Network is significantly improved at 3-month time point