

The proper function of each of our organelles is necessary for health. Using the internet, answer the following questions in at least 350 words:

- If the number of mitochondria in your cells were decreased, what would be the primary symptoms? Could long distance runners improve their performances by modifying their mitochondrial contents? Explain.
- Describe lysosomal diseases.
- Is there a relationship between telomeres and cancer? Explain.
- Are there other diseases associated with organelles outside of mitochondria, lysosomes, and telomeres? Explain.