

IMPORTANT: GO TO “FILE”, SELECT MAKE A COPY

Mitochondria and Chloroplasts are the same size as each other as well as prokaryotic cells. Both organelles have inner membranes which are more similar in structure to bacterial membranes than eukaryotic membranes. Each organelle has their own DNA and divide independently of the cell in which they reside.

Synthesize this information to propose an explanation of the origin of mitochondria and chloroplasts.