

Mitochondrial genes affect more than their numbers suggest

For plant and animal cells, the vast bulk of their DNA is tightly packaged and tucked away within a storage and processing facility inside their cells known as the nucleus.

However, cells also carry a small number of genes in specialized compartments, called organelles, which lie outside of the nucleus. These are the mitochondria, which generate energy for plant and animal cells, and chloroplasts, which carry out photosynthesis in plant cells.

A new study now finds that organellar genes can have a much larger effect on a cell's metabolism than would be expected based on their numbers.

Read the full, original story here: [Genes Outside of Nucleus 'Punch Above Their Weight'](#)