

Nucleus

- Contains:
 - A dark region called the **Nucleolus**. The Nucleolus makes ribosomes.
 - loosely coiled threads called **Chromatin**. These threads become tightly coiled during cell division and form **Chromosomes**.
 - **DNA** (DNA contains hereditary information and has instructions about activities of a cell) is packaged into chromosomes.

Endoplasmic Reticulum

