

NUCLEOLUS

Meaning: Nucleolus: a small, dense structure within the nucleus of a cell that is involved in the production and assembly of ribosomes.

1. The nucleolus plays a crucial role in ribosome synthesis within the cell.
2. During cell division, the nucleolus disassembles and reassembles in the daughter cells.
3. Researchers study the nucleolus to better understand its function in protein production.
4. A prominent nucleolus can indicate high levels of cellular activity in certain types of cells.
5. In some diseases, the structure and function of the nucleolus can be significantly altered.

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