

NUCLEOLAR

Meaning: Nucleolar refers to anything related to the nucleolus, a specialized structure within the nucleus of a cell involved in the production and assembly of ribosomal RNA and ribosomes.

1. The nucleolar organizer region plays a crucial role in the production of ribosomal RNA.
2. In the cell cycle, the nucleolar structure undergoes significant changes during mitosis.
3. Scientists observed an increase in nucleolar size in cancerous cells compared to healthy ones.
4. The nucleolar dysregulation is often linked to various genetic disorders.
5. Researchers are exploring the relationship between nucleolar function and cellular stress responses.

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