

Life is Cellular

Vocabulary Terms

- Cells
- Cell Membrane
- Nucleus
- Eukaryotes
- Prokaryotes

Notes

- Why did Robert Hooke use to term “cells” to describe the empty chambers he saw in a slice of cork, non-living plant material?
- What was Anton van Leeuwenhoek the first to observe?
- What did Matthias Schleiden conclude about cells?
- What did Theodor Schwann conclude about cells?
- What did Rudolf Virchow conclude about cells?
- List the three parts of the cell theory:
- Why are dyes used when observing cells under a microscope?
- What type of microscope could be used to view plant cells?
- What type of microscope would need to be used to observe molecules within a cell?
- How small is the smallest bacteria cell?
- What molecule do all cells contain, at some point in their lives?
- What surrounds all cells?
- Describe the major difference between a prokaryotes and eukaryotes:
- What type of organisms are prokaryotes?
- What type of organisms are eukaryotes?

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