

Discovery of Cells

*Robert Hooke (1635-1703)

- observed cork cells under microscope
- little boxes looked like monk's cells
- Cork is made of dead plant cells

*Anton van Leeuwenhoek(1632-1723)

- Dutch microscope maker
- 1st to observe living things
- pond water animalcules

More discoveries ...

*Matthias Schlieden(1804-1881) *1838

- botanist ... plants are composed of cells

*Theodor Schwann(1810-1882)

- zoologist ... animals are made of cells

*Rudolf Virchow(1821-1902)

-physician ... studied disease conditions &
concluded cells come from other cells

Cell Theory

*All living things are composed of one or more cells

*Cells are the basic units of structure and function in an organism

*Cells come only from reproduction of existing cells

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