**Discovery of Cells—Chapter 3 Section 2**

Hooke saw tiny boxes in a crude microscope,

1665 while looking at cork—named them cells

 These are Cornell Notes.

 Fold your notebook paper like this:

 Write the key words on the left side of

 fold and the information on the right.





van Leeuwenhoek single-celled protists, he called animalcules

1673 discovered bacteria on his teeth

Schleiden All plants have cells.

1838 1st 2 parts of the cell theory

Schwann All animals have cells,

1839 1st 2 parts of cell theory

Cell theory 1. All organisms have one or more cells.

 2. The cell is the basic unit in all living things.

Virchow 3. All cells come from other cells.

1858

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All cells Cell membrane

have in hereditary material-DNA

common cytoplasm

 ribosomes (organelles)

 small size

multi- larger size

cellular longer life

 specialization