







Section 3.1 Cell Theory

• The cell theory grew out of the work of many scientists and improvements in the microscope.



History of Cell Theory



1665 Robert Hooke Observed cork under a microscope. Noticed it was made of tiny compartments that reminded him of small rooms found in monasteries so he gave them the same

 The cells were actually dead and only the cell walls remained.

name- "cells"





















































Animal Cell Structures











Differences between plant cells and animal cells	
Animal cells	Plant cells
Smaller in size	Larger in size
Irregular shape	Regular shape
No cell wall	Cell wall present

Differences between Plant Cells and Animal Cells		
Animal cells	Plant cells	
Vacuole small or absent	Large central vacuole	
Lysosomes	Chloroplast	
Centrioles Present		



