

### Microscopy

**Magnification:** ability to enlarge objects

**Resolution:** capacity to distinguish/separate 2 adjacent objects.

Depends on wavelength being used

### Light (Optical) Microscopy

Bright-Field

Phase-Contrast

Dark-Field

Fluorescence

### Electron Microscopy

-Forms an image using a beam of electrons that can be made to travel in wavelike patterns when accelerated to high speeds

-Electron waves are 100,000 times shorter than the waves of visible light and thus provide tremendous resolution



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