Cheatography

Microscopy Techniques Cheat Sheet by SaraWinings2016 via cheatography.com/34789/cs/10922/

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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