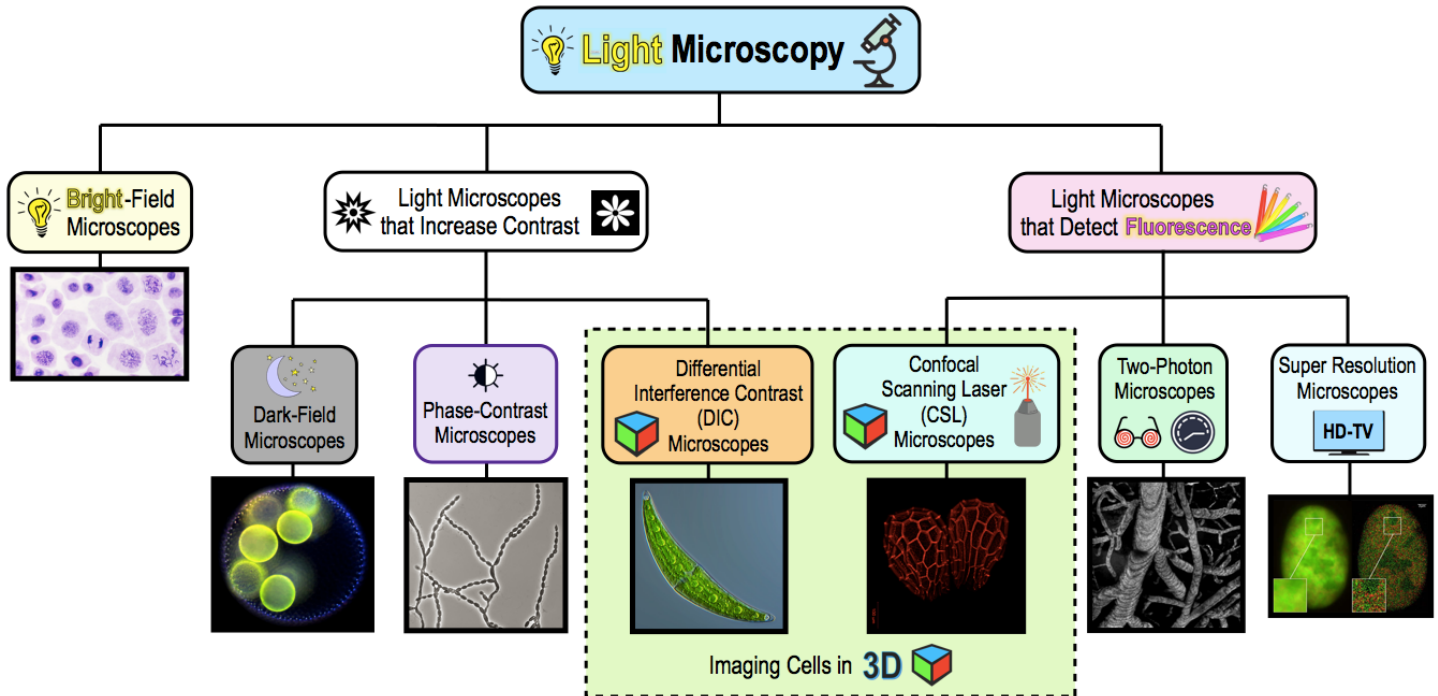


CONCEPT: INTRODUCTION TO LIGHT MICROSCOPY

- **Light Microscopy:** uses visible _____ and lenses to magnify objects up to about 1000X.
 - There are _____ different types of light microscopes, each with their own set of advantages.

EXAMPLE: Outline of the light microscopy lesson.



PRACTICE: There are three major classes of light microscopes. Which class of light microscopes specializes in visualizing the difference in color intensity between the specimen and its background?

- Bright-field microscopes.
- Light microscopes that detect fluorescence.
- Light microscopes that increase contrast.

PRACTICE: Some light microscopes are able to create 3-dimensional images of the microscopic specimen. Which class(es) of light microscopes are the 3-D microscopes found in?

- Bright-field microscopes.
- Light microscopes that increase contrast.
- Light microscopes that detect fluorescence.
- Both A and B.
- Both B and C.
- Both A and C.