

Bio 3
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Bring Textbook + Lab Book to Thursday Lab

Preparation for Mitosis: The Chromosomes Replicate

- not replicating chromo, replicating DNA

Cancer

- Pro (first) phase - 1. nuclear envelope disappears
2. DNA folds into visible chromosomes

- can lead to tumors

- Meta (middle) phase - 1. chromosomes line up in center plate

- the 2nd leading cause of death in the U.S.

- Anaphase - chromosomes are pulled to opp poles

- flying 'V' formation

- body detects & builds tough fibrous sack around area

Telophase - cell pinches off, chromosomes untwist to get back to DNA

- will pop after growing too large - creates invasion of cancer

- Benign Tumor has no cancer cells

Cytokinesis - final phase according to book.

- stages of survival are much lower

- Cancer Treatment - can often be as bad as the disease itself

- Cause of Cancer - Mutated cells

- mistake in replication of cells could cause cell mutation + cancer

- Carcinogens from areas can cause mutations in cells = cancer

- Radiation = Cancer

↳ sun radiation

- disruption to normal cells have serious consequences (Treatment)