

Bio 3  
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Bring Textbook + Lab Book to Thursday Lab

## Advantages + Disadvantages of: Asexual Reproduction

### Cancer

- unrestrained cell growth + division
- can lead to tumors
- the 2nd leading cause of death in the U.S.

### Tumor Growth

- unregulated cell division
  - body detects + builds tough fibrous sack around area
    - when tumor forms around cancerous cells is a Malignant Tumor
      - will pop after growing too large - creates invasion of cancer
    - Benign Tumor has no cancer cells
  - Metastisized - when tumor has ruptured + spread
    - chances 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)