SUMMER SELF-CARE

Week 8 • August 18, 2021 • Apurva Godbole

Stem Cells: Fact vs. Fiction

This week's takeaways

• Stem cells are cells which can **BOTH** self-renew and go on to produce differentiated cell types in the body
  ○ Self renewing means they can produce more stem cells
  ○ Differentiation means they can produce specialized cell types

• Scientists are interested in stem cells due to their potential therapeutic impact in regenerative medicine (i.e. organ transplant, treatment of damaged/not functioning cells)

Resources

If you are interested the FDA approval of a stem cell treatment: https://www.fda.gov/vaccines-blood-biologics/cellular-gene-therapy-products/approved-cellular-and-gene-therapy-products

More detail on stem cell products and therapies: https://www.cdc.gov/hai/outbreaks/stem-cell-products.html

A list of FDA (and similar international org.) approved stem products: https://alliancerm.org/available-products/