



UNIVERSITY OF
ILLINOIS
URBANA - CHAMPAIGN

SUMMER SELF-CARE

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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/>

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