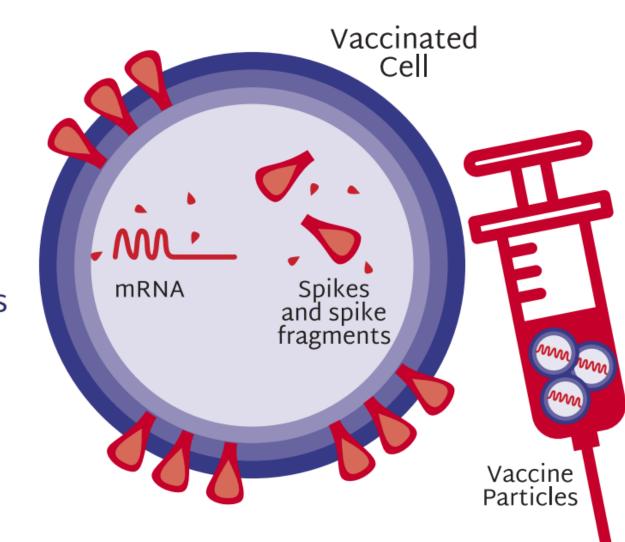
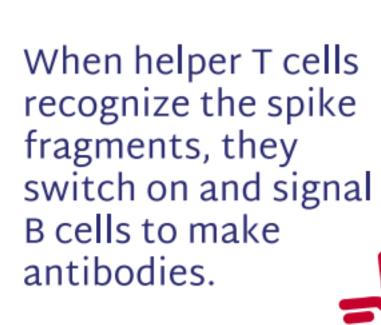
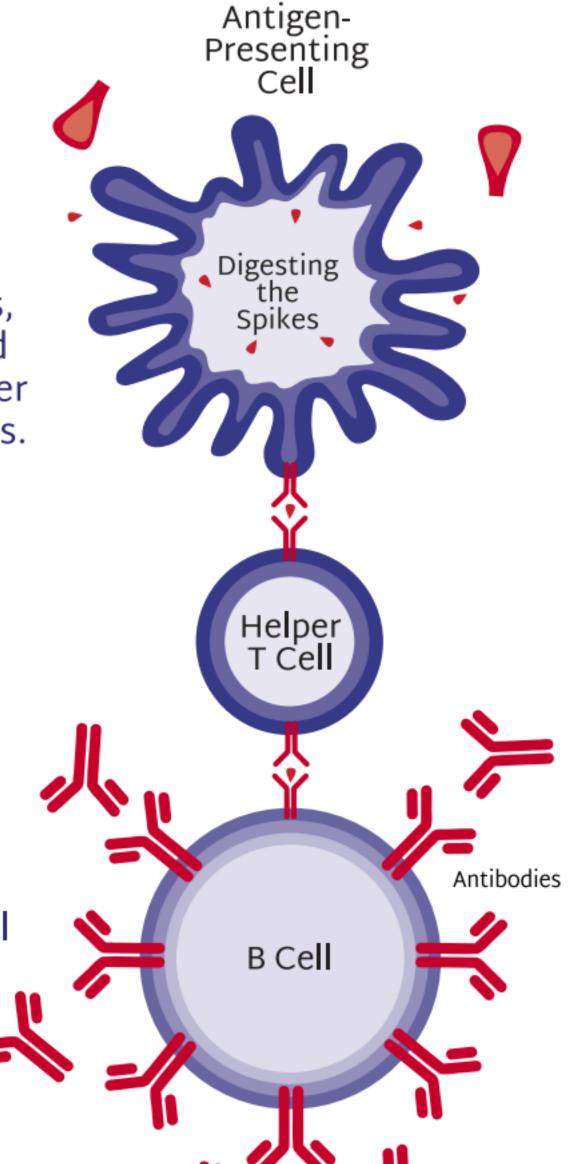
How Do mRNA-Based COVID-19 Vaccines Work?

mRNA-based
COVID-19 vaccines
deliver instructions
for making
SARS-CoV-2 spike
proteins into cells.
The spikes that cells
make drift to the
cell's surface.

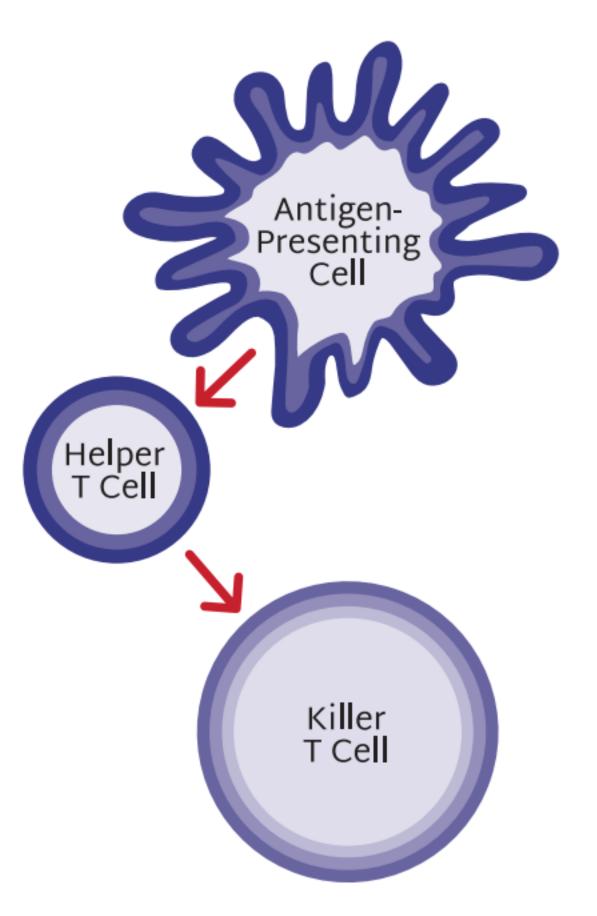


Antigen-presenting cells spot the spikes, gobble them up, and display them to other immune system cells.





Helper T cells also signal killer T cells to destroy SARS-CoV-2 infected cells.



Adapted from: https://www.nytimes.com/interactive/2020/ health/moderna-covid-19-vaccine.html

