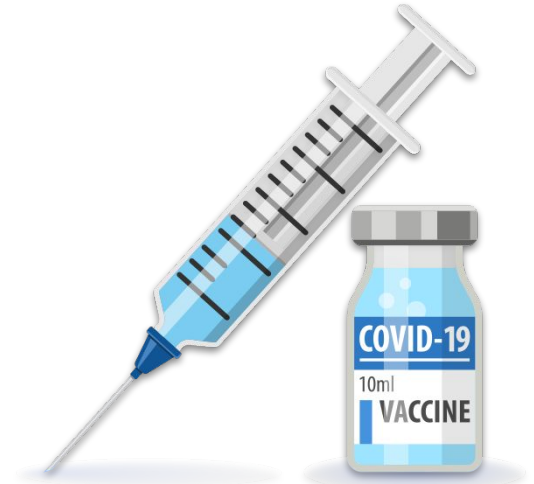


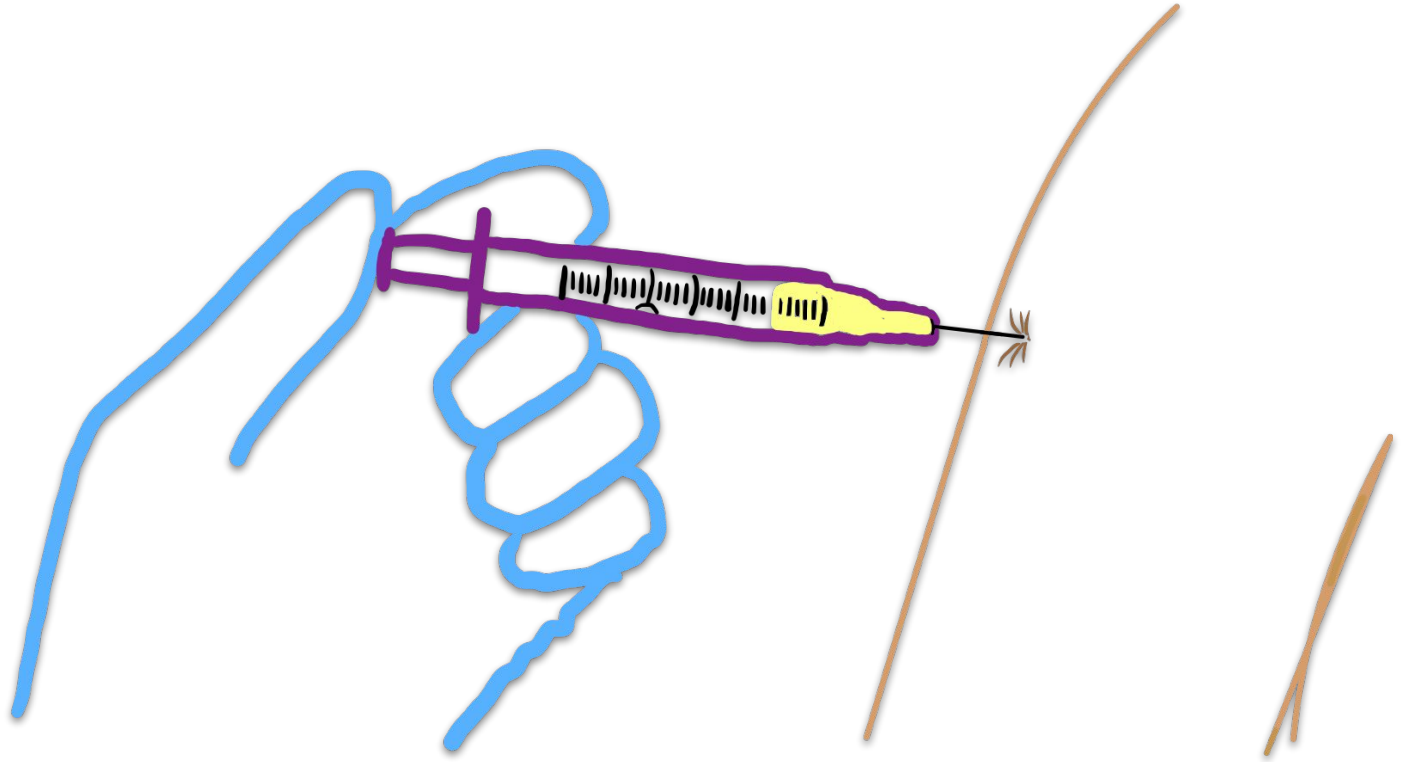
# COVID-19 mRNA Vaccine

By Amirali Banani



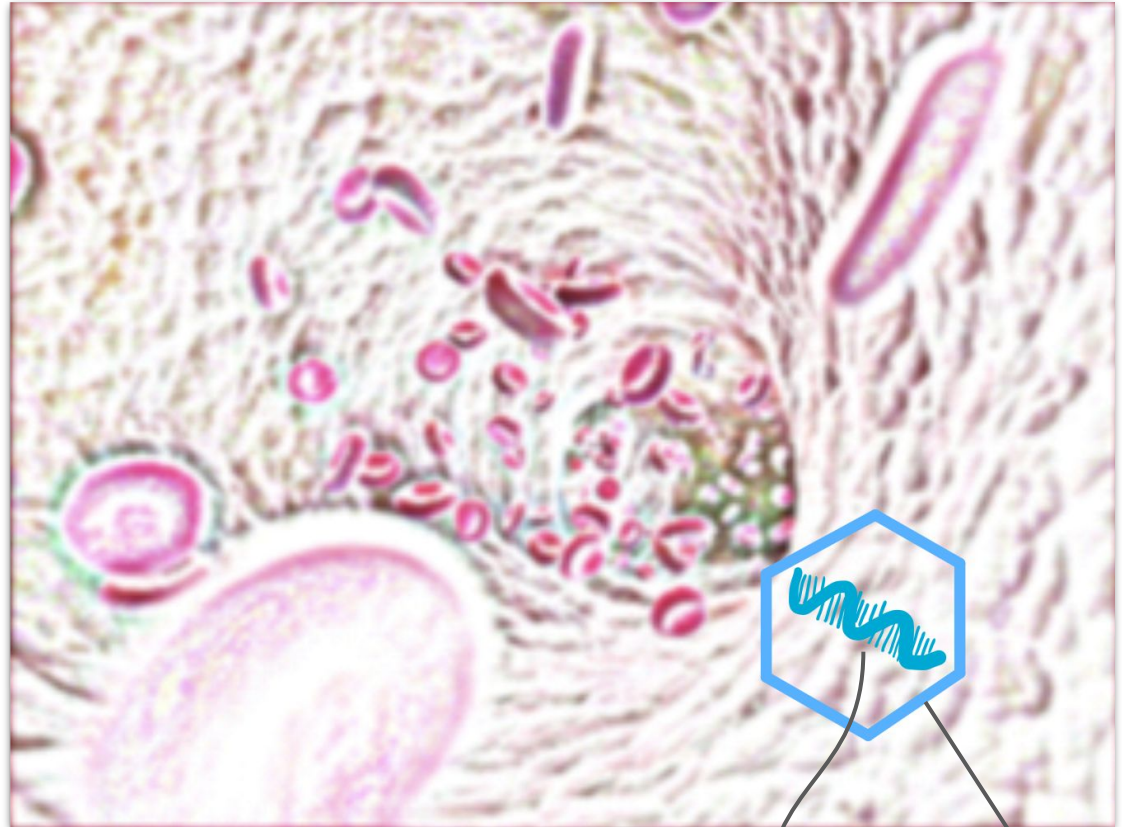
1

COVID mRNA is injected into the body with a syringe



2

COVID mRNA  
enters the  
bloodstream  
(systemic  
circulation)

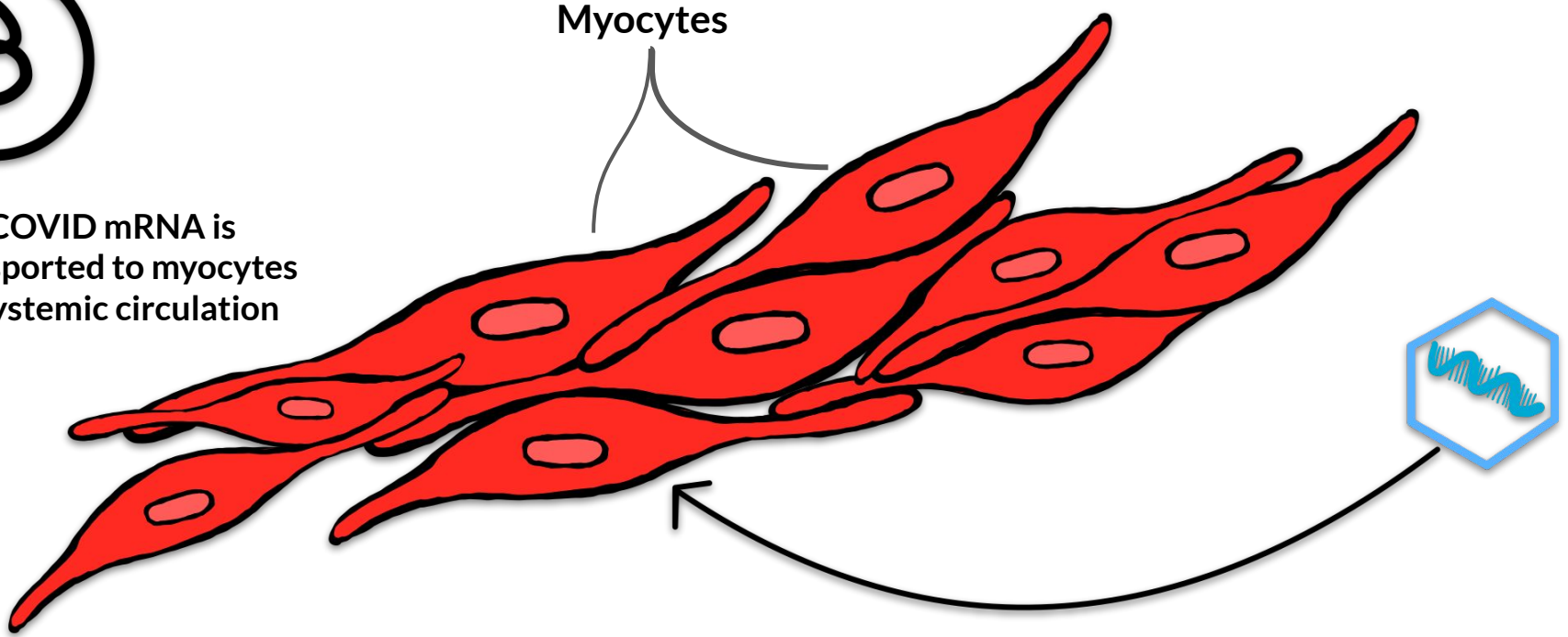


COVID-19 mRNA

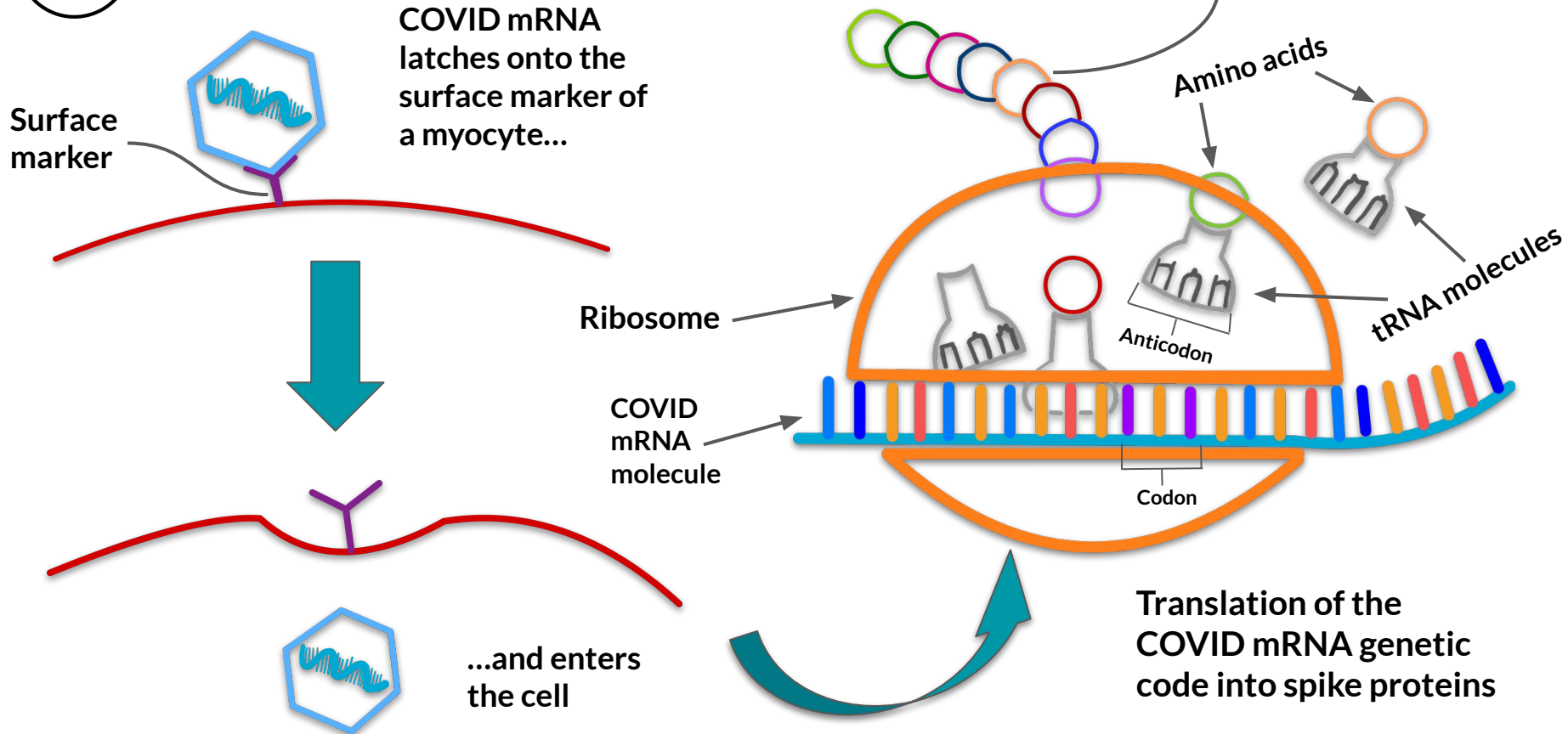
Lipid  
Nanoparticle

3

The COVID mRNA is transported to myocytes via systemic circulation

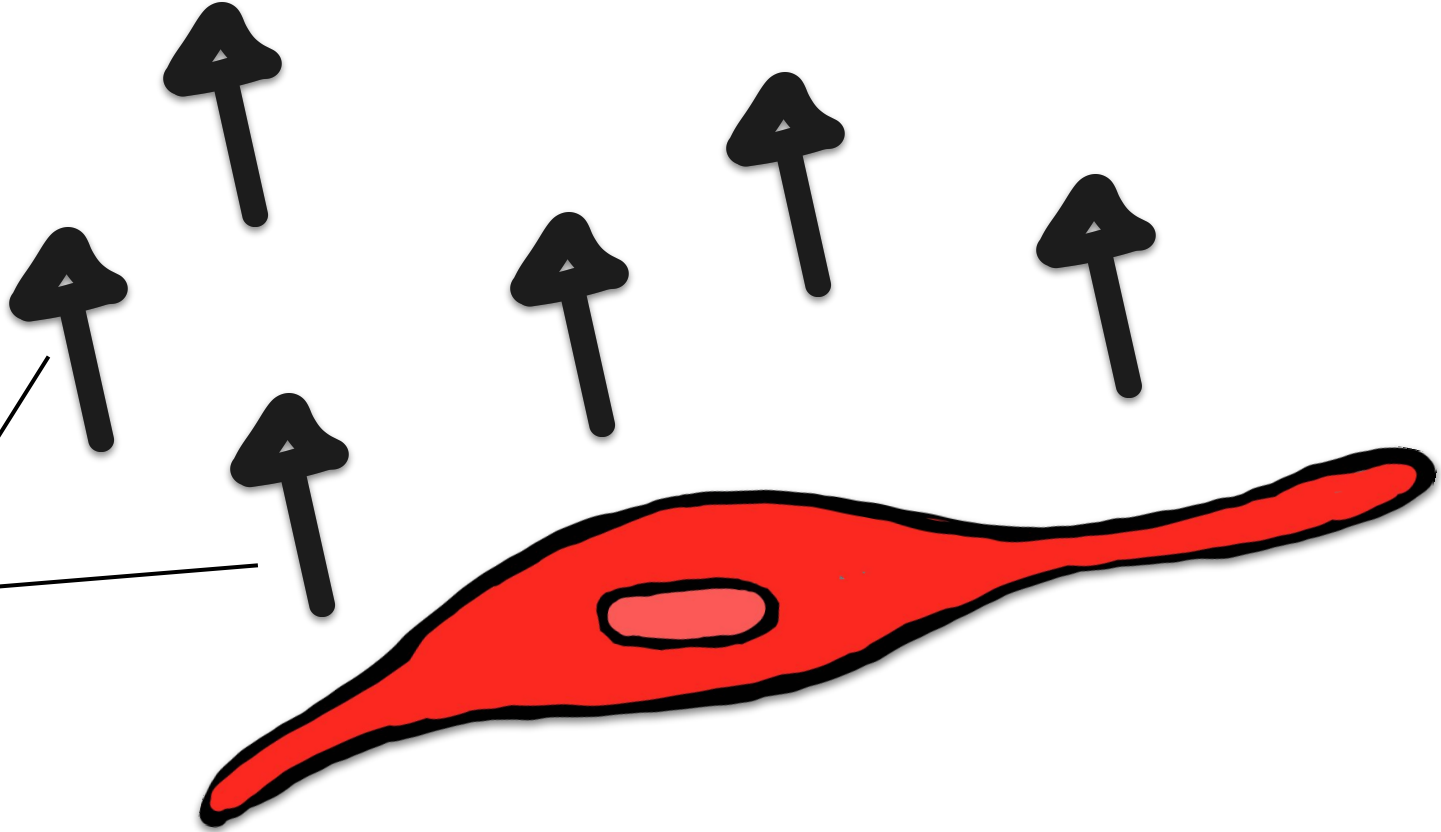


4



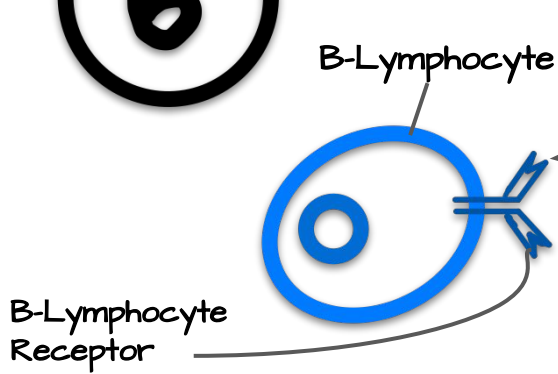
5

COVID  
Antigens

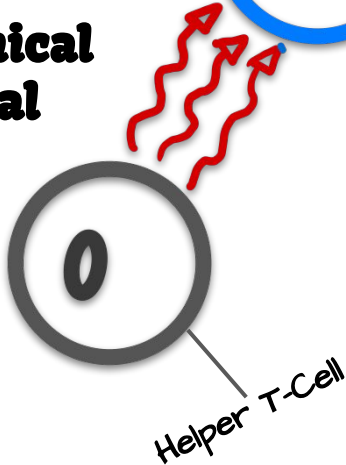
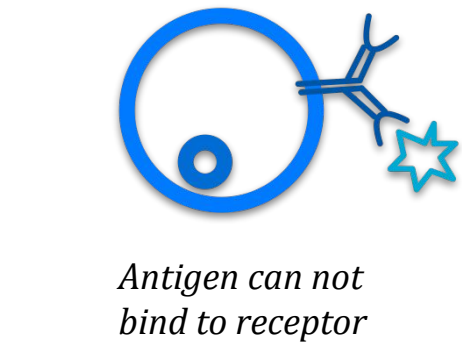


6

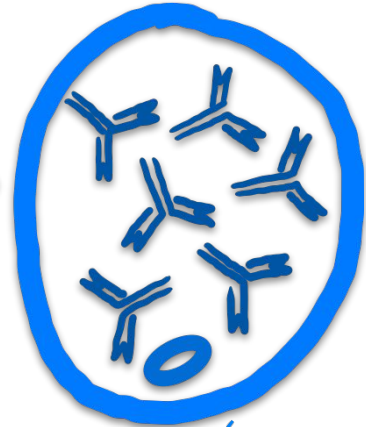
# 1. Antigen binding



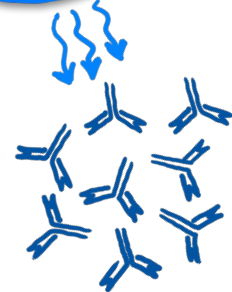
# 2. Chemical signal



# 3. Becomes Plasma Cell



# 4. Release of Anti-COVID Antibodies



7

The body is now immune to COVID-19,  
thanks to the anti-COVID antibodies  
produced by the Plasma Cells

