

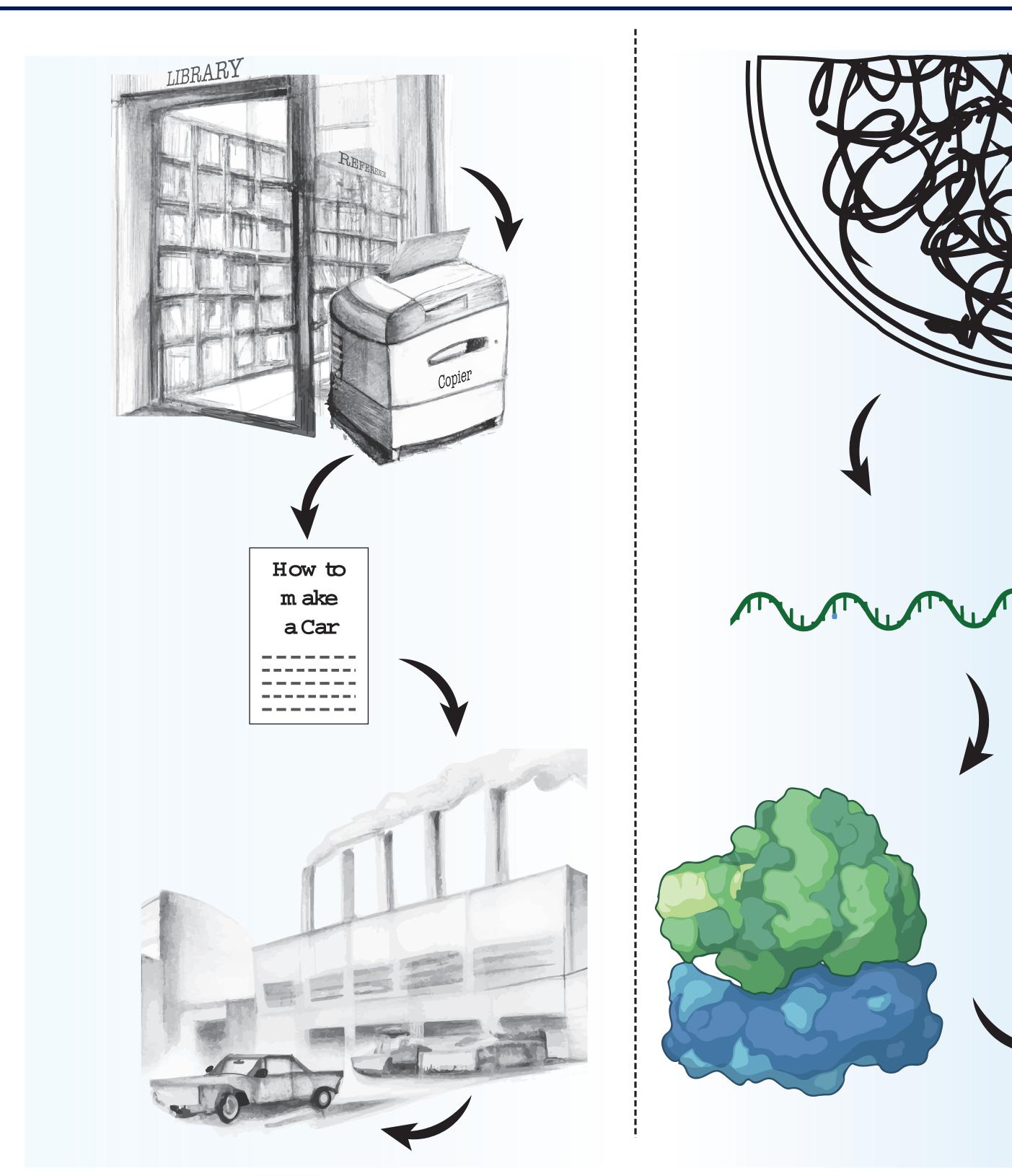
RNA as the Messenger: How Basic Science Improves Human Health

DNA

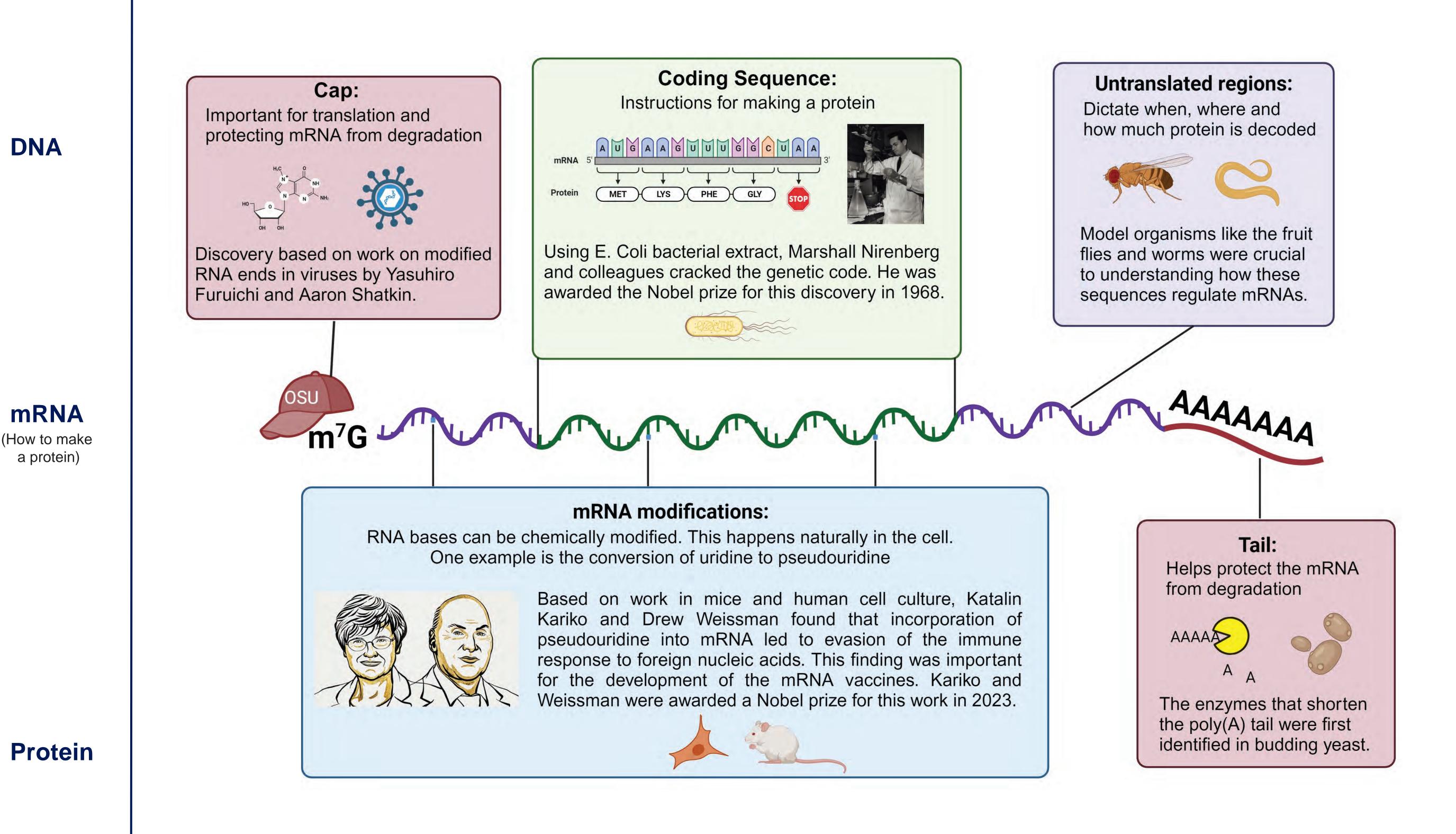
a protein)



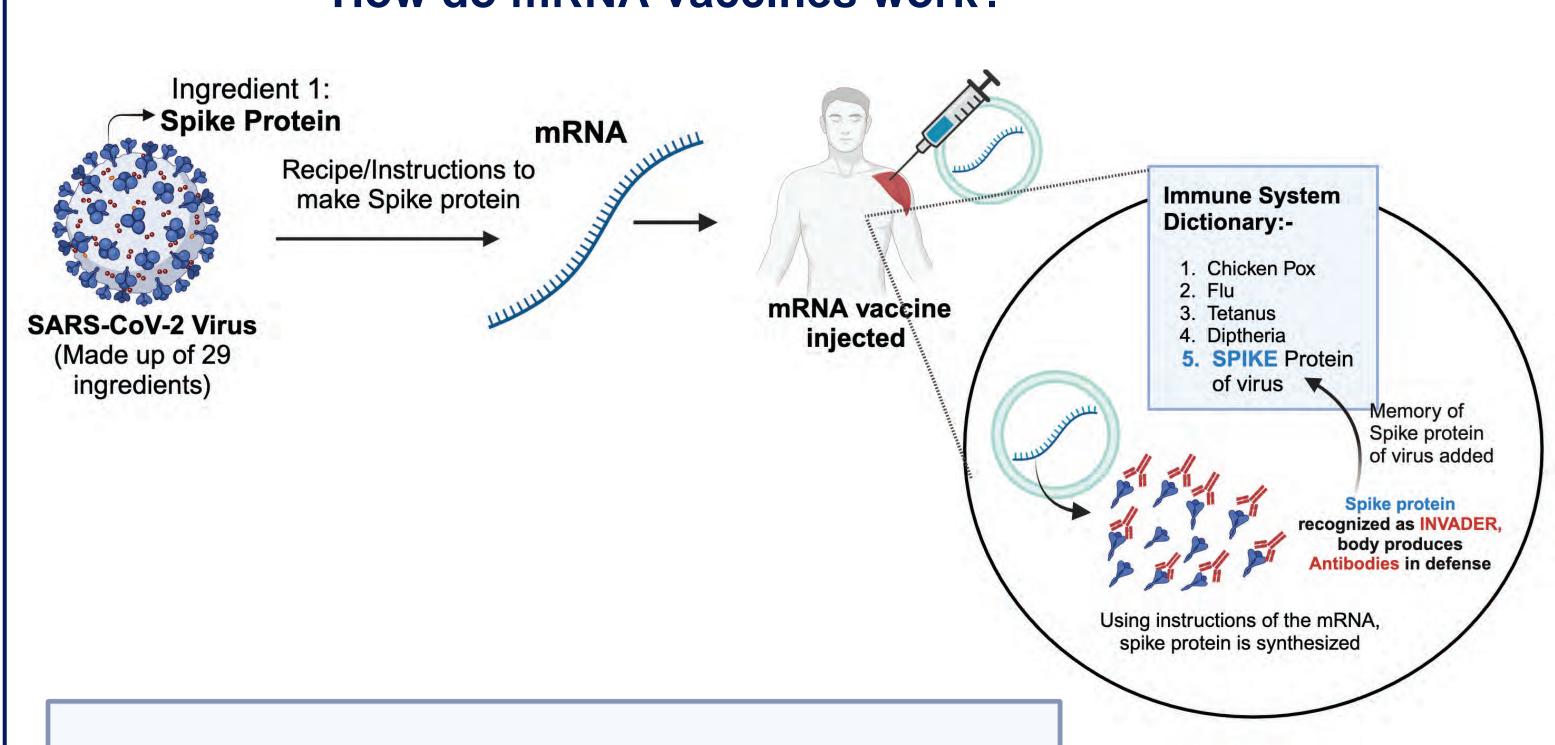
Messenger RNAs provide the instructions for gene expression



What's in an mRNA?: Basic mRNA research paved the way for human health discoveries



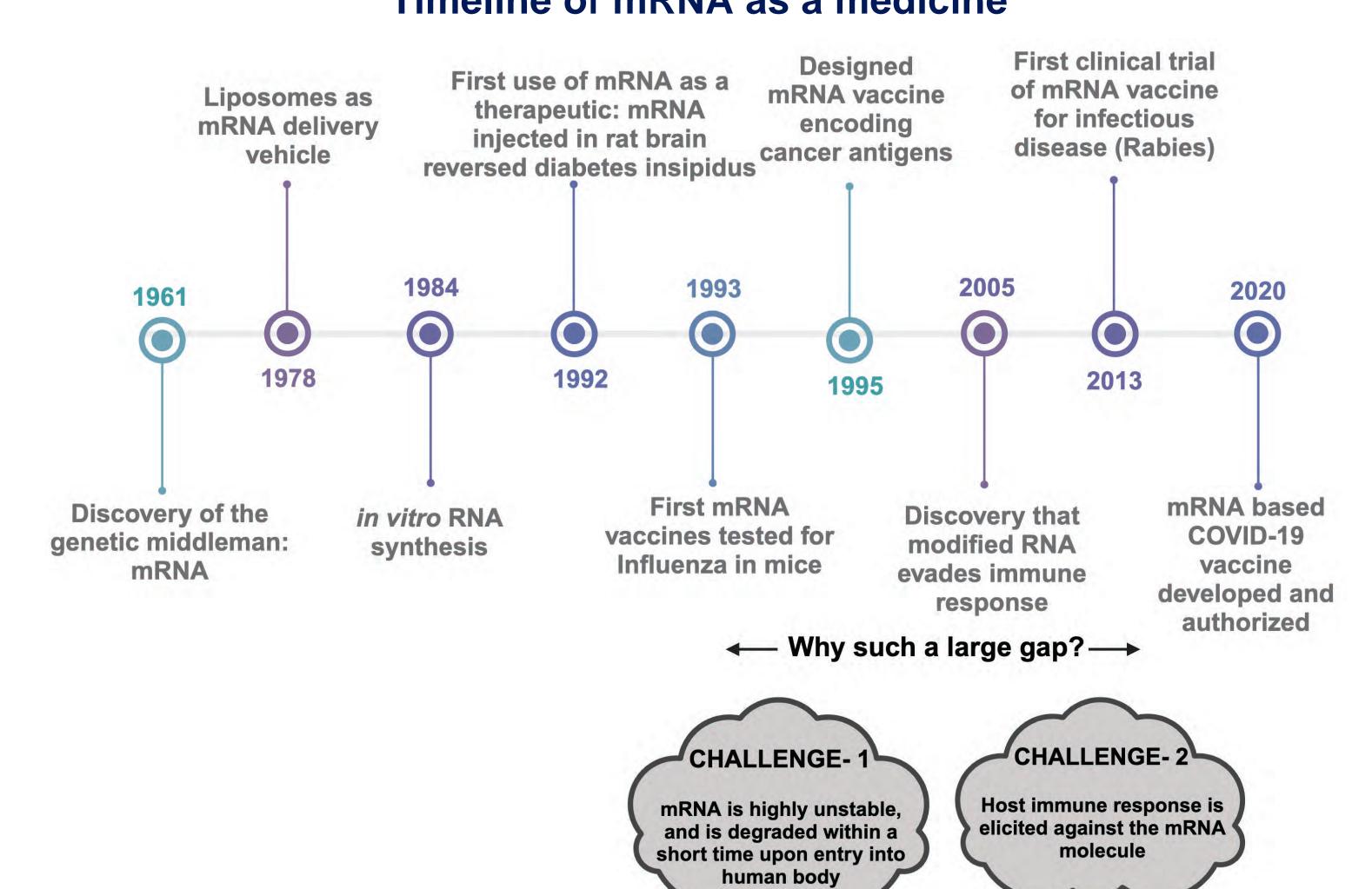
How do mRNA vaccines work?



When a person who has been vaccinated contracts the SARS-CoV-2 virus, their immune system mounts a more robust response to eliminate the virus.

The rise of mRNA as a therapeutic agent

Timeline of mRNA as a medicine



Tweaks to mRNA help make it a better vaccine

