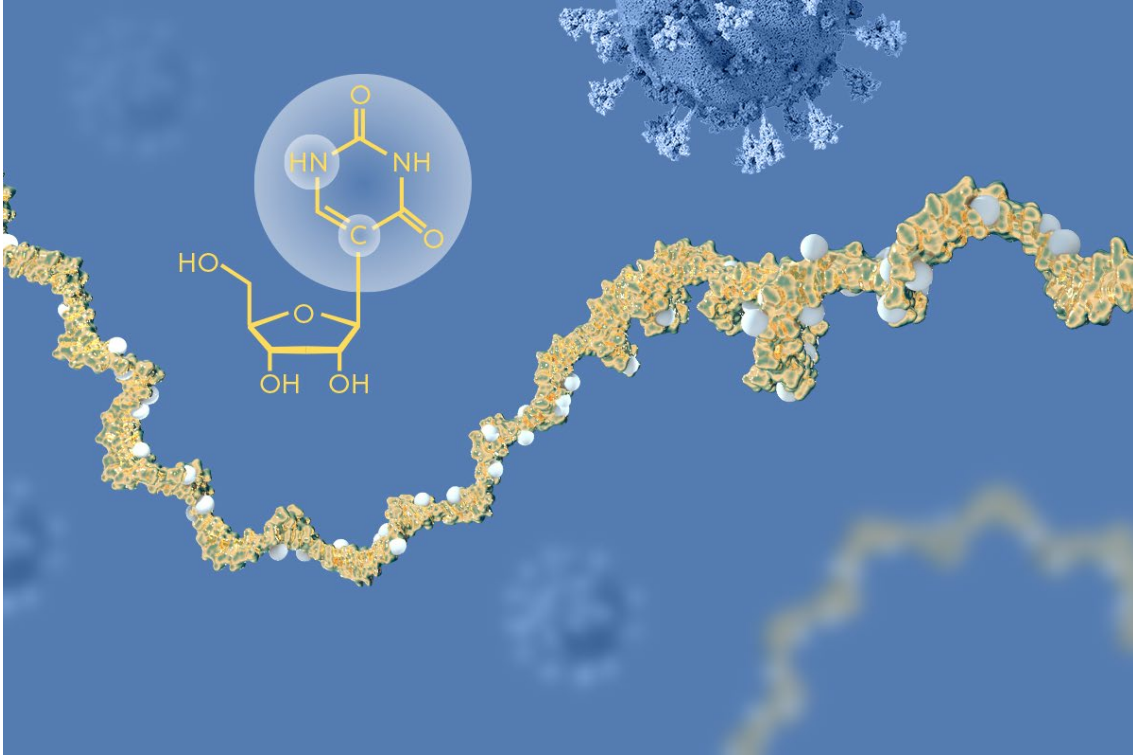


Student assignment – Medicine prize 2023
Discoveries that laid the foundation for mRNA vaccines



Katalin Karikó and Drew Weissman were awarded the 2023 Nobel Prize in Physiology or Medicine “for their discoveries concerning nucleoside base modifications that enabled the development of effective mRNA vaccines against COVID-19”.

What do you think is most interesting about this year’s medicine prize?

What is mRNA?

What does *in vitro* mean?

How does an mRNA vaccine work?

What is the difference between traditional vaccines and mRNA vaccines?

How do you think the world would be different today if this discovery had not been made?
