

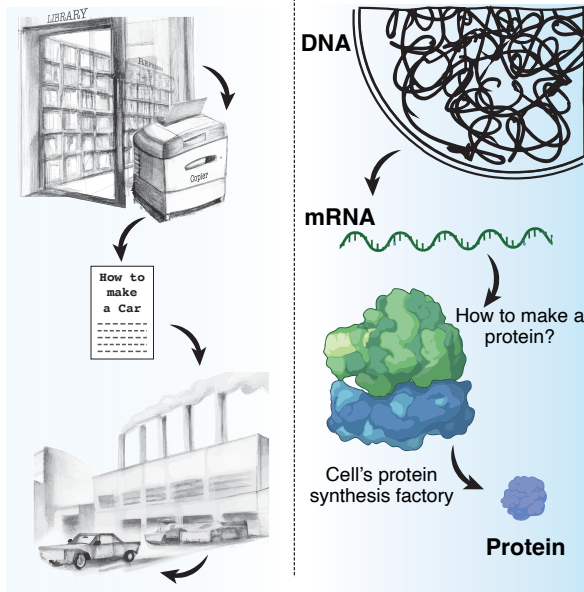


How basic research fueled the development of messenger RNAs as medicines

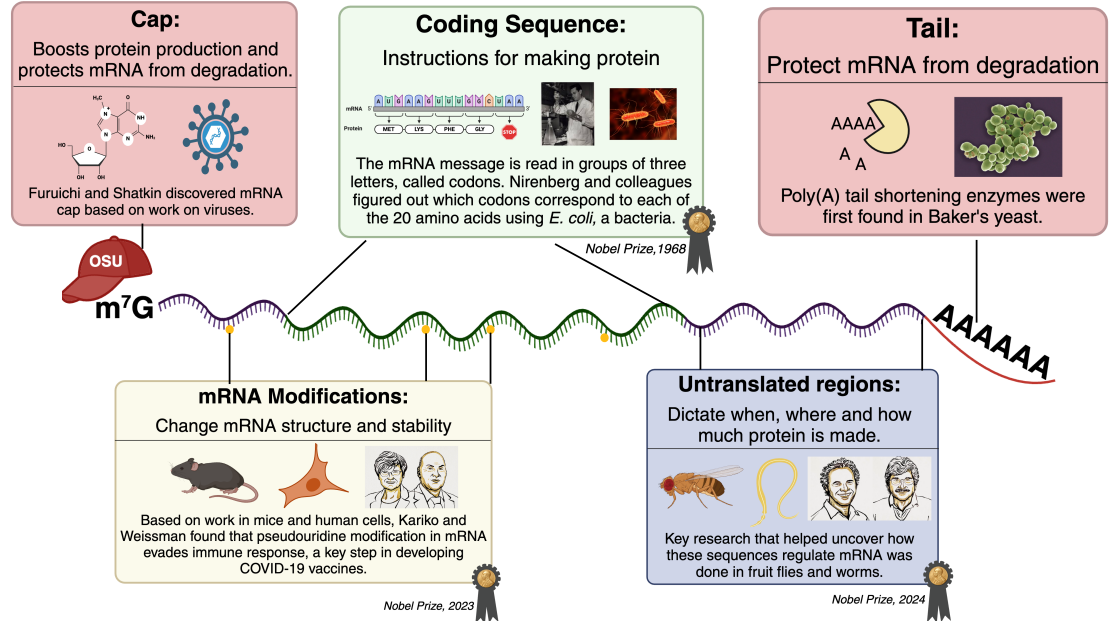
Debadrita Paul, Manu Sanjeev, Rene Arvola, and Guramrit Singh
Department of Molecular Genetics, The Ohio State University



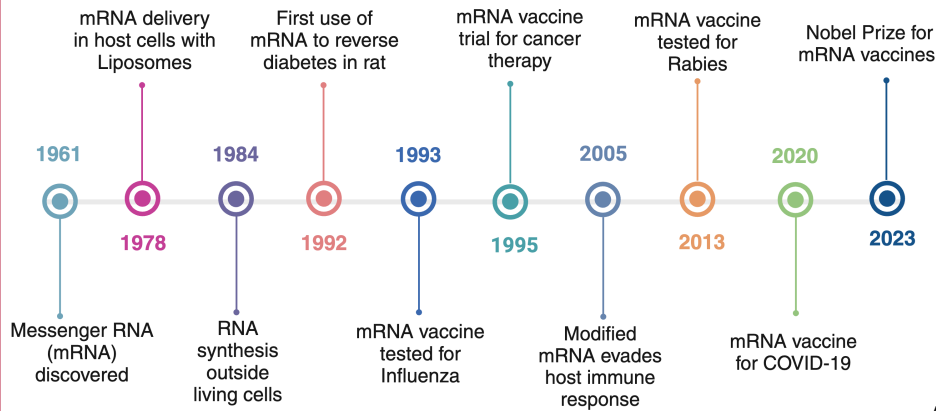
Messenger RNAs (mRNA) provide instructions to make proteins



How basic research showed what makes an effective mRNA?



The rise of mRNA as a medicine



How do mRNA vaccines work?

