Development of new vaccines is costly and complex: it can cost from USD 200 to 900 million and it can take from 8- to 18.5 years.

Vaccine development is a complex, lengthy, and expensive process. It requires a mastery of multiple technologies, funds for clinical trials and manufacturing facilities, sophisticated scale-up processes, expertise in navigating demanding regulatory environments in multiple regions, and managing rigorous safety monitoring.

Vaccine development has accelerated due to scientific breakthroughs in biotechnology, genetic decoding and information technology. This has resulted in recently introduced new vaccines to stop suffering from diseases.