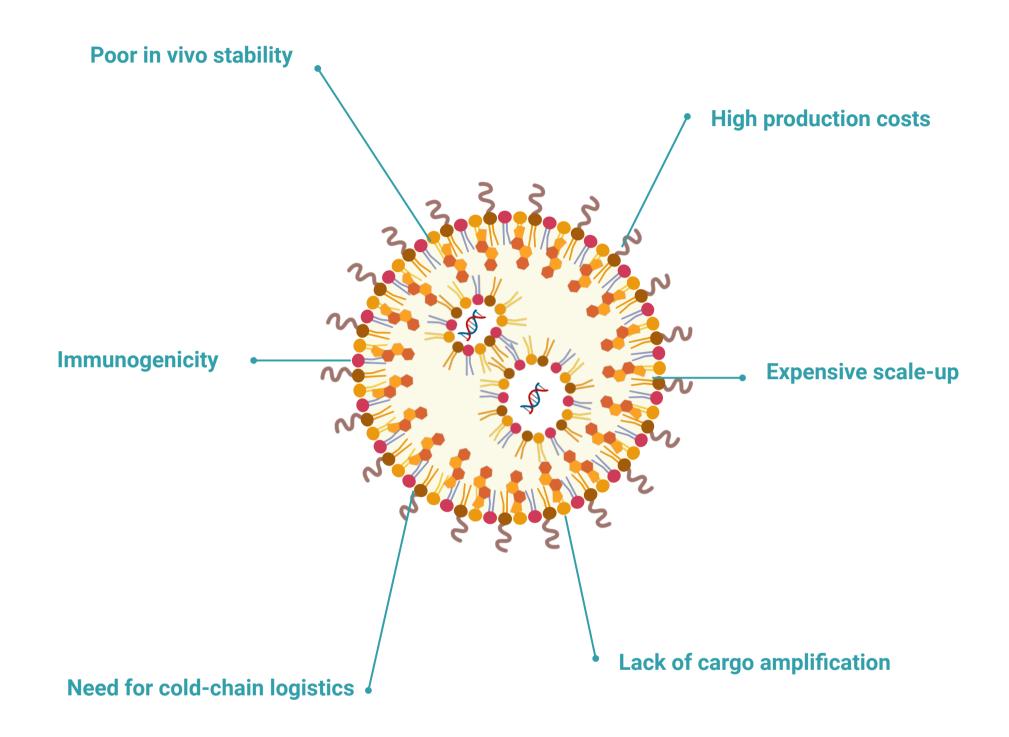


Amplicon Therapeutics

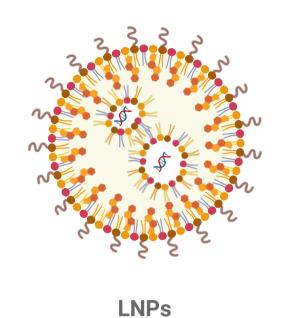
Novel platform for enhanced mRNA delivery.

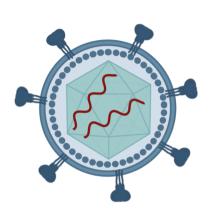
Current limitations of therapeutic mRNA technology



After pandemic, therapeutic mRNA market has grown exponentially. However, serious limitations of delivery systems employed by the key players create a business opportunity to develop a new solution addressing the demands of this rapidly expanding market. We aim to disrupt the market with cheaper and more stable mRNA delivery vector tailored to address the limitations of currently employed systems.

Phage platform for precise delivery of the therapeutic mRNA





Phage vectors

Thermostability

Poor

High

In vivo stability

Poor

High

Delivered mRNA amplification

None

Replication of the delivered mRNA within the capsid

Manufacturing cost

Medium

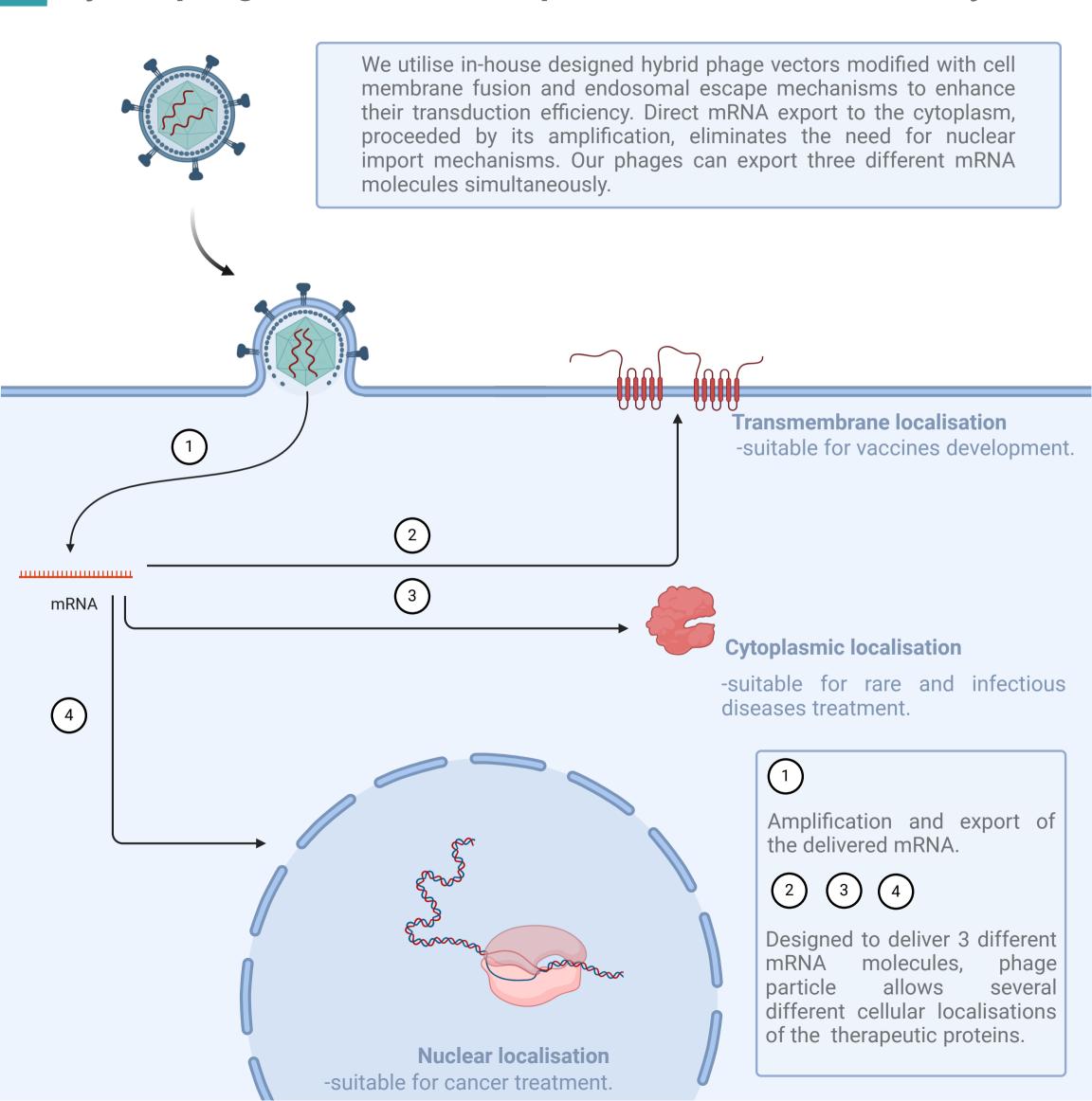
Low

Scale-up complexity

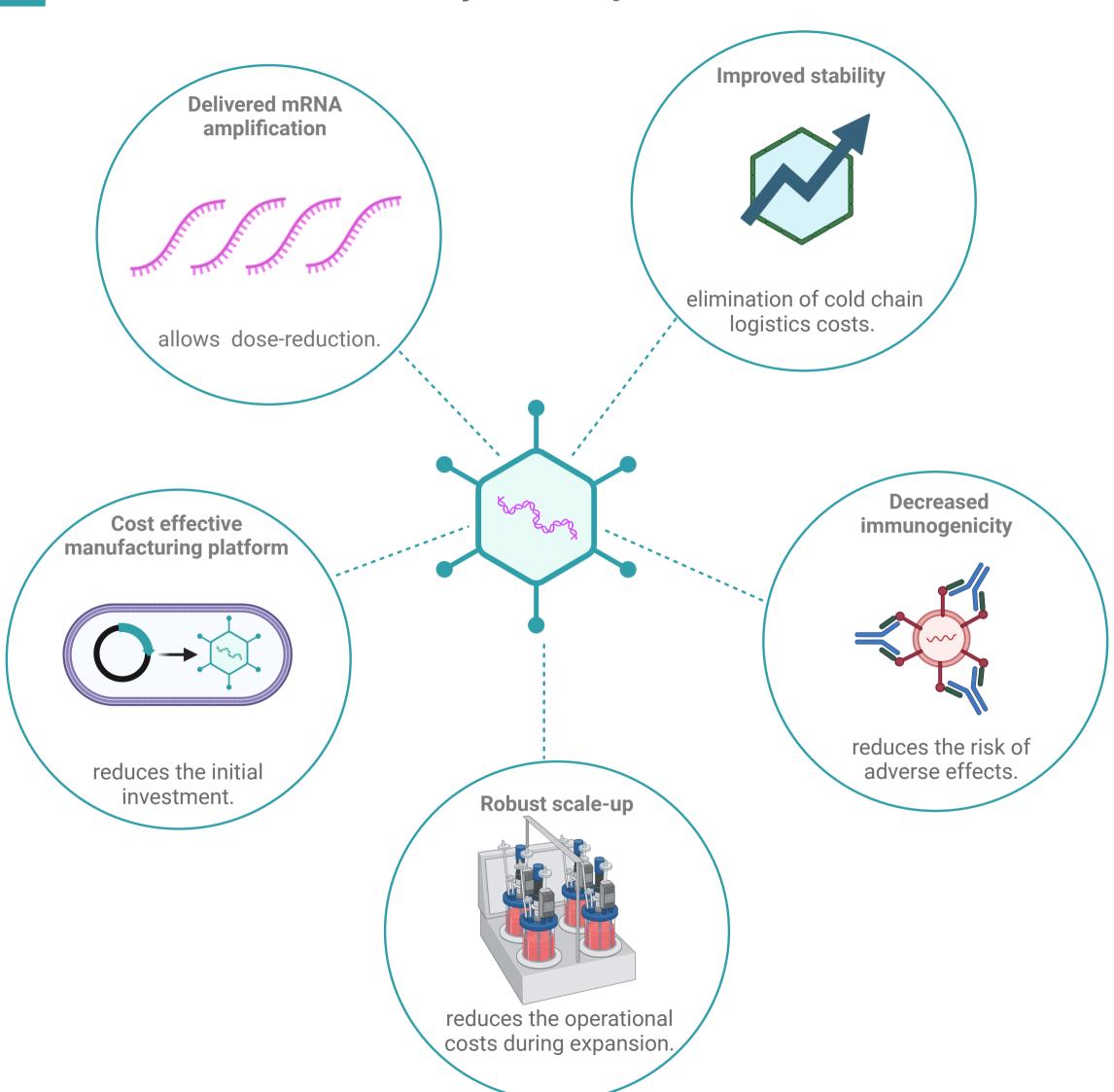
Demanding scale-up

Simple to scale-up

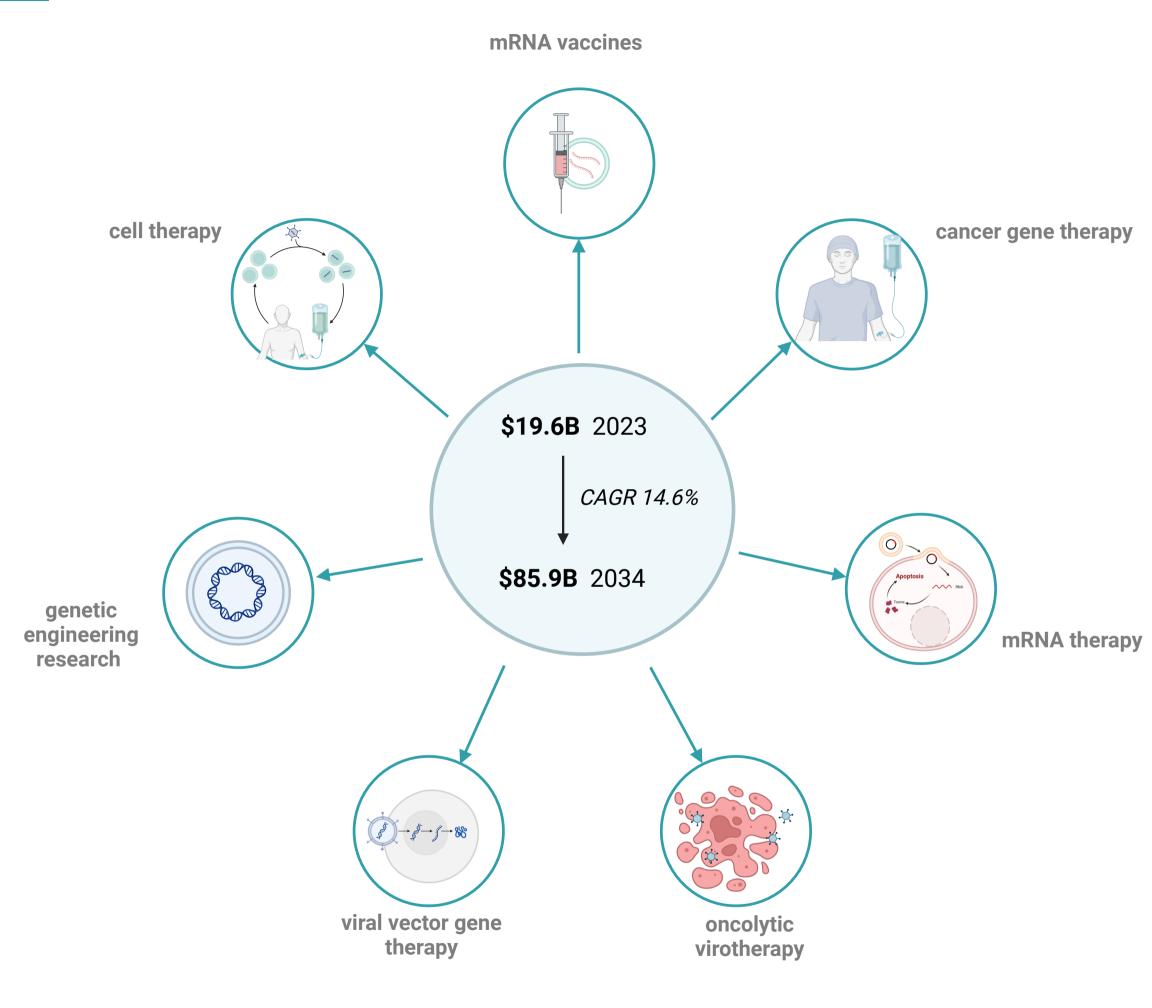
Hybrid phage vector as novel platform for mRNA delivery



Enhanced mRNA delivery and amplification.

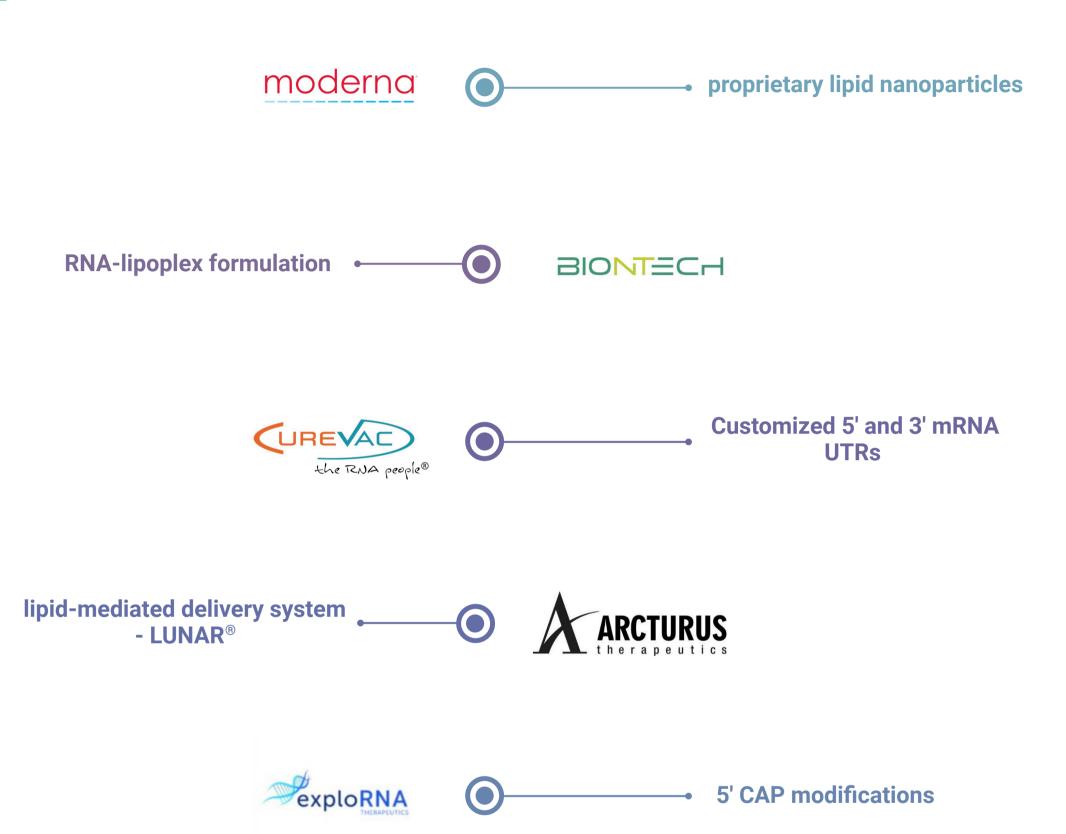


Expotenial growth of the therapeutic mRNA market



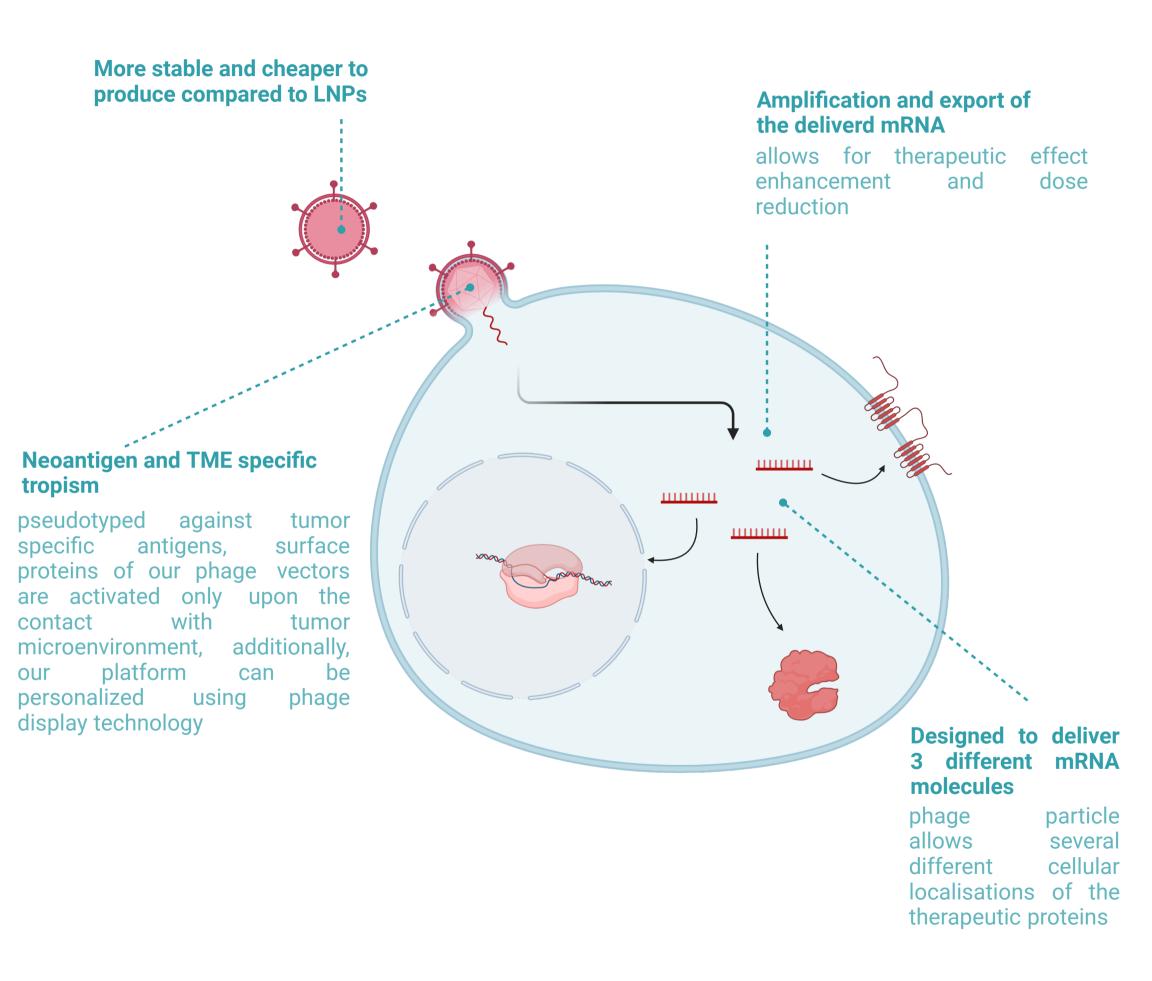
Based on: mRNA Vaccines and Therapeutics Market (mRNA Type: Nucleoside-modified mRNA, Unmodified mRNA, and Self-amplifying mRNA; and Type: Prophylactic and Therapeutic) - Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2024-2034

Competitive advantage via enhanced delivery platform

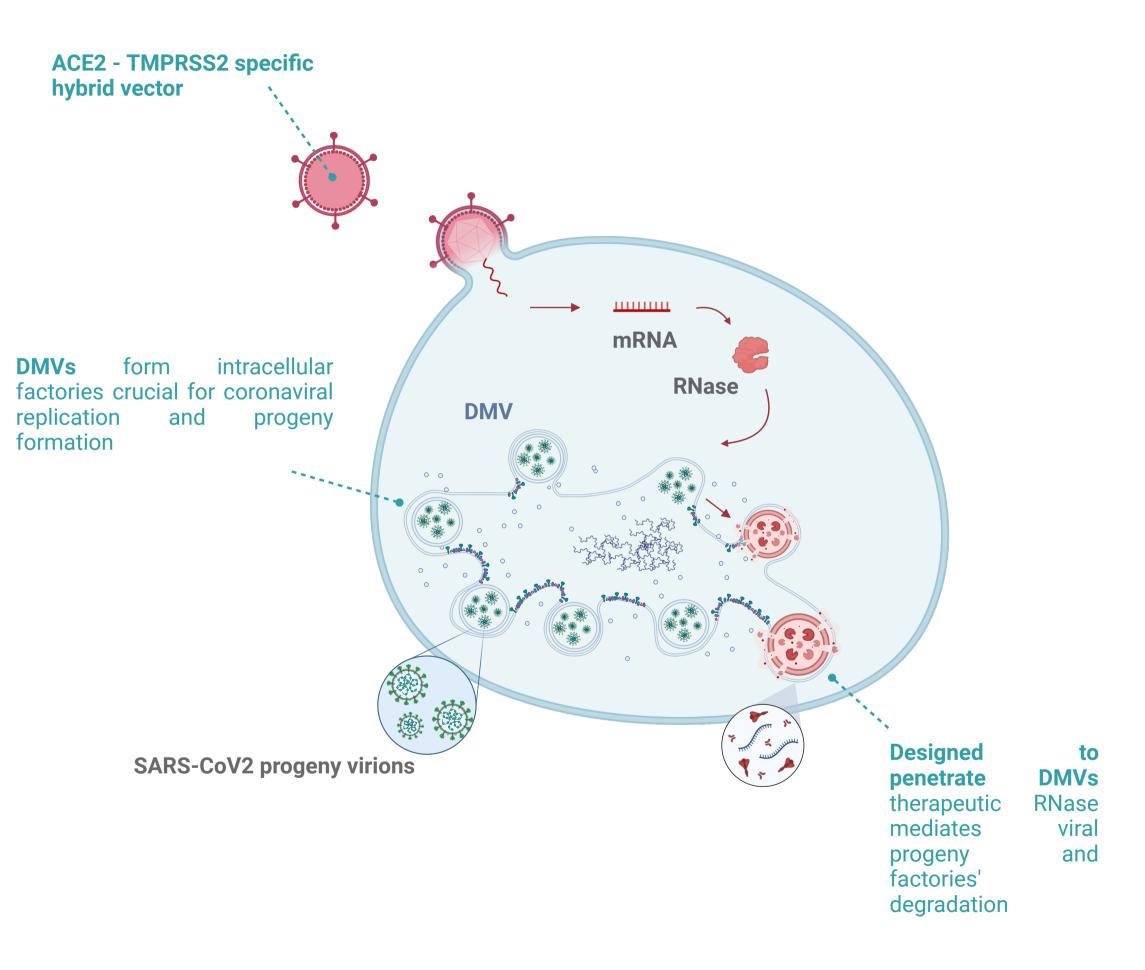


Currently developed innovations focus on chemical modifications of LNPs and mRNA. Thus, they typically don't address the need for more targeted delivery and lower production costs. Our delivery vector is designed to be cheaper to produce and more stable than systems available on the market. Moreover, bacterial manufacturing platforms—like ours—are relatively easy to scale up and commercialize. Another advantage of the designed platform is amplification of the delivered mRNA.

Hybrid phage vector as cancer mRNA therapy platform

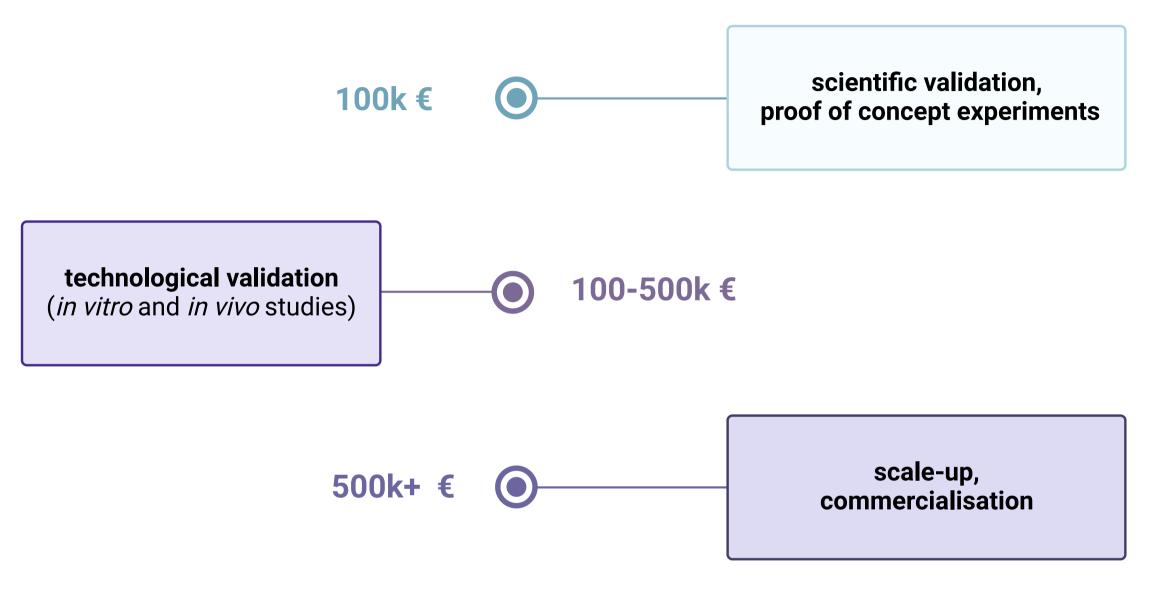


Hybrid phage vector as SARS-CoV2 infection treatment



Please note that our recombinant dsRNA-specific RNase requires viral protease for activation making it harmless for non-infected cells that don't contain dsRNA in physiological conditions.

Fundraising details



We seek three different types of investments, dependent on risk tolerated by the investor. Please feel free to contact us with questions regarding the project or a detailed investment proposal.



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