ADVANCING THE MRNA THERAPEUTICS PLATFORM FOR VACCINES

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Messenger RNA (mRNA) can be encoded for a target protein and designed to be taken up by the cells in specific tissues and organs. Once delivered, like native mRNA in healthy individuals, mRNA acts as cellular software directing ribosomes to express proteins or antibodies within targeted tissues. mRNA holds the potential to address medical needs that are not treatable through current approaches. In this talk the ability of mRNA vaccines to express a variety of antigens in vivo and to induce a robust immune response will be discussed.