

# Other mRNA Vaccines in Development

mRNA technology is currently being studied for many different uses.

**Table 1, mRNA Candidates in Development\***

| Indication   | Number of Candidates and Development Phase     |
|--|--|
| Cancer (multiple types and stages); includes immunooncology and personalized vaccines, and with chemotherapy | 31 (Phase I)<br>2 (Phase I/II)<br>4 (Phase II) |
| Congestive heart failure   | 1 (Phase I)                                    |
| CMV  | 1 (Phase III)                                  |
| Epstein-Barr Virus (to prevent mononucleosis)  | 1 (Phase I)                                    |
| G6Pase Glycogen Storage Disease Type 1a (GSD1a)  | 1 (Phase I)                                    |
| HIV  | 3 (Phase I)                                    |
| HSV-2  | 1 (Phase I)                                    |
| Influenza (monovalent and quadrivalent)  | 5 (Phase I)<br>5 (Phase I/II)<br>3 (Phase III) |
| Malaria  | 1 (Phase I)                                    |
| Methylmalonic Acidemia   | 1 (Phase I/II)                                 |
| Myocardial ischemia  | 1 (Phase II)                                   |
| Nipah Virus  | 1 (Phase I)                                    |
| PCCA/PCCB Propionic acidemia (PA)  | 1 (Phase II)                                   |
| RSV (pediatric)  | 1 (Phase I)                                    |
| RSV (older adults)   | 1 (Phase III)                                  |
| SARS-CoV-2   | 4 (Phase I)<br>7 (Phase II)<br>5 (Phase III)   |
| Shingles   | 1 (Phase I/II)                                 |
| TB   | 2 (Phase I)                                    |
| Zika Virus   | 1 (Phase II)                                   |
| Combination vaccines   |  |
| Influenza/RSV  | 1 (Phase I)                                    |
| Influenza/SARS-CoV-2   | 1 (Phase I)<br>1 (Phase I/II)                  |
| Influenza/ RSV/SARS-CoV-2  | 1 (Phase I)                                    |
| Pediatric influenza/ pneumonia   | 1 (Phase I)                                    |