## List of clinical trials on vaccines that use mRNA

№	NCT Number	Start Date	Enrollment	URL
1	NCT03164772	2017	56	https://ClinicalTrials.gov/show/NCT03164772
2	NCT03468244	2018	24	https://ClinicalTrials.gov/show/NCT03468244
3	NCT03908671	2019	24	https://ClinicalTrials.gov/show/NCT03908671
4	NCT04283461	2020	120	https://ClinicalTrials.gov/show/NCT04283461
5	NCT01278940	2002	31	https://ClinicalTrials.gov/show/NCT01278940
6	NCT00961844	2009	15	https://ClinicalTrials.gov/show/NCT00961844
7	NCT01995708	2014	28	https://ClinicalTrials.gov/show/NCT01995708
8	NCT03382405	2017	181	https://ClinicalTrials.gov/show/NCT03382405
9	NCT00833781	2009	15	https://ClinicalTrials.gov/show/NCT00833781
10	NCT03897881	2019	150	https://ClinicalTrials.gov/show/NCT03897881
11	NCT01446731	2011	43	https://ClinicalTrials.gov/show/NCT01446731
12	NCT01686334	2012	130	https://ClinicalTrials.gov/show/NCT01686334
13	NCT00846456	2009	20	https://ClinicalTrials.gov/show/NCT00846456
14	NCT01066390	2009	18	https://ClinicalTrials.gov/show/NCT01066390
15	NCT00639639	2006	42	https://ClinicalTrials.gov/show/NCT00639639
16	NCT03313778	2017	90	https://ClinicalTrials.gov/show/NCT03313778
17	NCT01061840	2009	100	https://ClinicalTrials.gov/show/NCT01061840
18	NCT02452307	2004	36	https://ClinicalTrials.gov/show/NCT02452307
19	NCT02366728	2015	100	https://ClinicalTrials.gov/show/NCT02366728
20	NCT02787915	2016	50	https://ClinicalTrials.gov/show/NCT02787915
21	NCT02140138	2014	35	https://ClinicalTrials.gov/show/NCT02140138
22	NCT03927222	2019	48	https://ClinicalTrials.gov/show/NCT03927222
23	NCT00923312	2009	46	https://ClinicalTrials.gov/show/NCT00923312
24	NCT00087373	2004	28	https://ClinicalTrials.gov/show/NCT00087373
25	NCT00698711	1997	15	https://ClinicalTrials.gov/show/NCT00698711
26	NCT03688178	2020	112	https://ClinicalTrials.gov/show/NCT03688178
27	NCT00407069	2005	286	https://ClinicalTrials.gov/show/NCT00407069
28	NCT01973322	2013	24	https://ClinicalTrials.gov/show/NCT01973322
29	NCT03948763	2019	100	https://ClinicalTrials.gov/show/NCT03948763
30	NCT03396575	2018	21	https://ClinicalTrials.gov/show/NCT03396575
31	NCT02090374	2014	112	https://ClinicalTrials.gov/show/NCT02090374
32	NCT04173208	2019	100	https://ClinicalTrials.gov/show/NCT04173208
33	NCT00130247	2002	394	https://ClinicalTrials.gov/show/NCT00130247
34	NCT01516203	2012	75	https://ClinicalTrials.gov/show/NCT01516203
35	NCT04368728	2020	29 481	https://ClinicalTrials.gov/show/NCT04368728
36	NCT03418480	2017	44	https://ClinicalTrials.gov/show/NCT03418480
37	NCT03619278	2020	12	https://ClinicalTrials.gov/show/NCT03619278
38	NCT00831467	2009	48	https://ClinicalTrials.gov/show/NCT00831467
39	NCT02316457	2016	39	https://ClinicalTrials.gov/show/NCT02316457

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40	NCT03480152	2018	5	https://ClinicalTrials.gov/show/NCT03480152
41	NCT04335890	2020	12	https://ClinicalTrials.gov/show/NCT04335890
42	NCT01216436	2010	2	https://ClinicalTrials.gov/show/NCT01216436
43	NCT00672542	2008	12	https://ClinicalTrials.gov/show/NCT00672542
44	NCT03458780	2016	6	https://ClinicalTrials.gov/show/NCT03458780
45	NCT03615404	2018	11	https://ClinicalTrials.gov/show/NCT03615404
46	NCT03098862	2017	4 830	https://ClinicalTrials.gov/show/NCT03098862
47	NCT00003432	1998	4	https://ClinicalTrials.gov/show/NCT00003432
48	NCT01492985	2013	103	https://ClinicalTrials.gov/show/NCT01492985
49	NCT00243529	2004	64	https://ClinicalTrials.gov/show/NCT00243529
50	NCT01009762	2009	11	https://ClinicalTrials.gov/show/NCT01009762
51	NCT02919306	2016	27	https://ClinicalTrials.gov/show/NCT02919306
52	NCT00004211	1999	17	https://ClinicalTrials.gov/show/NCT00004211
53	NCT04120415	2020	69	https://ClinicalTrials.gov/show/NCT04120415
54	NCT00080106	2004	114	https://ClinicalTrials.gov/show/NCT00080106
55	NCT00087984	2004	26	https://ClinicalTrials.gov/show/NCT00087984
56	NCT02429583	2015	24	https://ClinicalTrials.gov/show/NCT02429583
57	NCT00004604	1997	24	https://ClinicalTrials.gov/show/NCT00004604
58	NCT02241135	2013	101	https://ClinicalTrials.gov/show/NCT02241135
59	NCT00601770	2006	71	https://ClinicalTrials.gov/show/NCT00601770
60	NCT01542632	2012	140	https://ClinicalTrials.gov/show/NCT01542632
61	NCT02741128	2019	150	https://ClinicalTrials.gov/show/NCT02741128
62	NCT00890032	2009	50	https://ClinicalTrials.gov/show/NCT00890032
63	NCT04163094	2019	10	https://ClinicalTrials.gov/show/NCT04163094
64	NCT03383211	2017	150	https://ClinicalTrials.gov/show/NCT03383211
65	NCT01983748	2014	200	https://ClinicalTrials.gov/show/NCT01983748
66	NCT00413725	2007	801	https://ClinicalTrials.gov/show/NCT00413725
67	NCT01428596	2010	30	https://ClinicalTrials.gov/show/NCT01428596
68	NCT02915861	2017	36	https://ClinicalTrials.gov/show/NCT02915861
69	NCT03119025	2015	10	https://ClinicalTrials.gov/show/NCT03119025
70	NCT01728792	2013	80	https://ClinicalTrials.gov/show/NCT01728792
71	NCT03713086	2018	53	https://ClinicalTrials.gov/show/NCT03713086
72	NCT02961595	1999	315	https://ClinicalTrials.gov/show/NCT02961595
73	NCT00183261	2006	25	https://ClinicalTrials.gov/show/NCT00183261
74	NCT02170389	2014	5	https://ClinicalTrials.gov/show/NCT02170389
75	NCT00532974	2006	32	https://ClinicalTrials.gov/show/NCT00532974
76	NCT02314923	2014	513	https://ClinicalTrials.gov/show/NCT02314923
77	NCT04480736	2020	53	https://ClinicalTrials.gov/show/NCT04480736
78	NCT00712530	2005	9	https://ClinicalTrials.gov/show/NCT00712530
79	NCT03337906	2008	209	https://ClinicalTrials.gov/show/NCT03337906
80	NCT01141205	2009	18	https://ClinicalTrials.gov/show/NCT01141205

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81	NCT02972450	2019	1	https://ClinicalTrials.gov/show/NCT02972450
82	NCT00626483	2007	34	https://ClinicalTrials.gov/show/NCT00626483
83	NCT00332930	2002	35	https://ClinicalTrials.gov/show/NCT00332930
84	NCT04301154	2020	45	https://ClinicalTrials.gov/show/NCT04301154
85	NCT00929019	2009	23	https://ClinicalTrials.gov/show/NCT00929019
86	NCT04396067	2020	360	https://ClinicalTrials.gov/show/NCT04396067
87	NCT00195234	2004	60	https://ClinicalTrials.gov/show/NCT00195234
88	NCT00513526	2007	112	https://ClinicalTrials.gov/show/NCT00513526
89	NCT02687373	2016	337	https://ClinicalTrials.gov/show/NCT02687373
90	NCT02707692	2016	56	https://ClinicalTrials.gov/show/NCT02707692
91	NCT01765426	2013	67	https://ClinicalTrials.gov/show/NCT01765426
92	NCT04382898	2019	80	https://ClinicalTrials.gov/show/NCT04382898
93	NCT03405805	2016	60	https://ClinicalTrials.gov/show/NCT03405805
94	NCT00918840	2009	16	https://ClinicalTrials.gov/show/NCT00918840
95	NCT00880698	2009	202	https://ClinicalTrials.gov/show/NCT00880698
96	NCT00965224	2010	50	https://ClinicalTrials.gov/show/NCT00965224
97	NCT02921997	2016	30	https://ClinicalTrials.gov/show/NCT02921997
98	NCT00514189	2007	2	https://ClinicalTrials.gov/show/NCT00514189
99	NCT00906243	2009	6	https://ClinicalTrials.gov/show/NCT00906243
100	NCT00212888	2004	52	https://ClinicalTrials.gov/show/NCT00212888
101	NCT04503278	2020	36	https://ClinicalTrials.gov/show/NCT04503278
102	NCT00834002	2005	10	https://ClinicalTrials.gov/show/NCT00834002
103	NCT00204516	2007	31	https://ClinicalTrials.gov/show/NCT00204516
104	NCT01456104	2011	9	https://ClinicalTrials.gov/show/NCT01456104
105	NCT02269423	2014	39	https://ClinicalTrials.gov/show/NCT02269423
106	NCT00996970	2009	132	https://ClinicalTrials.gov/show/NCT00996970
107	NCT00204607	2004	20	https://ClinicalTrials.gov/show/NCT00204607
108	NCT00339040	2006	130	https://ClinicalTrials.gov/show/NCT00339040
109	NCT01206556	2010	97	https://ClinicalTrials.gov/show/NCT01206556
110	NCT03758625	2018	40	https://ClinicalTrials.gov/show/NCT03758625
111	NCT00148824	2003	212	https://ClinicalTrials.gov/show/NCT00148824
112	NCT01876862	2013	15	https://ClinicalTrials.gov/show/NCT01876862
113	NCT04144348	2019	114	https://ClinicalTrials.gov/show/NCT04144348
114	NCT03068949	2015	135	https://ClinicalTrials.gov/show/NCT03068949
115	NCT03756766	2017	315	https://ClinicalTrials.gov/show/NCT03756766
116	NCT02712489	2015	179	https://ClinicalTrials.gov/show/NCT02712489
117	NCT02900209	2016	54	https://ClinicalTrials.gov/show/NCT02900209
118	NCT04357821	2020	20	https://ClinicalTrials.gov/show/NCT04357821
119	NCT04510233	2020	60	https://ClinicalTrials.gov/show/NCT04510233
120	NCT04431414	2020	800	https://ClinicalTrials.gov/show/NCT04431414
121	NCT03603509	2018	243	https://ClinicalTrials.gov/show/NCT03603509

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122	NCT01627678	2012	36	https://ClinicalTrials.gov/show/NCT01627678
123	NCT00711230	2008	36	https://ClinicalTrials.gov/show/NCT00711230
124	NCT01335711	2011	32	https://ClinicalTrials.gov/show/NCT01335711
125	NCT02413645	2015	21	https://ClinicalTrials.gov/show/NCT02413645
126	NCT01049204	2009	48	https://ClinicalTrials.gov/show/NCT01049204
127	NCT04403880	2020	727	https://ClinicalTrials.gov/show/NCT04403880
128	NCT01484522	2009	149	https://ClinicalTrials.gov/show/NCT01484522
129	NCT04212351	2019	60	https://ClinicalTrials.gov/show/NCT04212351
130	NCT03284866	2019	536	https://ClinicalTrials.gov/show/NCT03284866
131	NCT04377802	2020	400	https://ClinicalTrials.gov/show/NCT04377802
132	NCT01473810	2011	24	https://ClinicalTrials.gov/show/NCT01473810
133	NCT00955006	2011	17	https://ClinicalTrials.gov/show/NCT00955006
134	NCT02888756	2017	33	https://ClinicalTrials.gov/show/NCT02888756
135	NCT01821547	2013	21	https://ClinicalTrials.gov/show/NCT01821547
136	NCT03083054	2016	5	https://ClinicalTrials.gov/show/NCT03083054
137	NCT00805389	2008	713	https://ClinicalTrials.gov/show/NCT00805389
138	NCT04232280	2019	252	https://ClinicalTrials.gov/show/NCT04232280
139	NCT04405076	2020	600	https://ClinicalTrials.gov/show/NCT04405076
140	NCT01119521	2010	82	https://ClinicalTrials.gov/show/NCT01119521
141	NCT04470427	2020	30 000	https://ClinicalTrials.gov/show/NCT04470427
142	NCT02961829	2015	30	https://ClinicalTrials.gov/show/NCT02961829
143	NCT01019044	2009	11	https://ClinicalTrials.gov/show/NCT01019044
144	NCT03392389	2017	124	https://ClinicalTrials.gov/show/NCT03392389
145	NCT02071095	2014	15	https://ClinicalTrials.gov/show/NCT02071095
146	NCT02329054	2014	126	https://ClinicalTrials.gov/show/NCT02329054
147	NCT01429311	2011	84	https://ClinicalTrials.gov/show/NCT01429311
148	NCT00814879	2009	60	https://ClinicalTrials.gov/show/NCT00814879
149	NCT02616874	2016	15	https://ClinicalTrials.gov/show/NCT02616874
150	NCT02891980	2017	65	https://ClinicalTrials.gov/show/NCT02891980
151	NCT02042248	2014	6	https://ClinicalTrials.gov/show/NCT02042248
152	NCT04064905	2019	120	https://ClinicalTrials.gov/show/NCT04064905
153	NCT02538211	2015	63	https://ClinicalTrials.gov/show/NCT02538211
154	NCT02938520	2016	631	https://ClinicalTrials.gov/show/NCT02938520
155	NCT01269723	2010	51	https://ClinicalTrials.gov/show/NCT01269723
156	NCT03014089	2016	90	https://ClinicalTrials.gov/show/NCT03014089
157	NCT02946346	2016	225	https://ClinicalTrials.gov/show/NCT02946346
158	NCT02951052	2016	618	https://ClinicalTrials.gov/show/NCT02951052
159	NCT01440816	2012	15	https://ClinicalTrials.gov/show/NCT01440816
160	NCT00679055	2007	14	https://ClinicalTrials.gov/show/NCT00679055
161	NCT04340596	2020	46	https://ClinicalTrials.gov/show/NCT04340596
162	NCT04459286	2020	98	https://ClinicalTrials.gov/show/NCT04459286

№	NCT Number	Start Date	Enrollment	URL
163	NCT03299049	2017	1 049	https://ClinicalTrials.gov/show/NCT03299049
164	NCT01019551	2010	29	https://ClinicalTrials.gov/show/NCT01019551
165	NCT03425994	2018	275	https://ClinicalTrials.gov/show/NCT03425994
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