CLAIMS

What is claimed is:

1. A composition comprising a lipid nanoparticle (LNP) conjugated to a targeting domain, wherein the LNP comprises at least one guide RNA or nucleoside-modified mRNA molecule encoding a therapeutic agent, and wherein the targeting domain specifically binds to a cell surface antigen of a $CD4^+$ T cell.

2. The composition of claim 1, wherein the lipid nanoparticle comprises a PEG-lipid conjugated to the targeting domain.

3. The composition of claim 1, wherein the at least one agent is encapsulated in the lipid nanoparticle.

4. The composition of claim 1, wherein the targeting domain is selected from the group consisting of a nucleic acid molecule, a peptide, an antibody, and a small molecule.

5. The composition of claim 1, wherein the targeting domain is an antibody.

6. The composition of claim 1, wherein the targeting domain is an anti-CD4 antibody.

7. A composition of any one of claims 1-6 for use in preparation of a medicament for treating or preventing a disease or disorder in a subject in need thereof, wherein the medicament is to be administered to the subject.

8. The composition of claim 7, wherein the disease or disorder is selected from the group consisting of cancer, an infectious disease, and an immunological disorder