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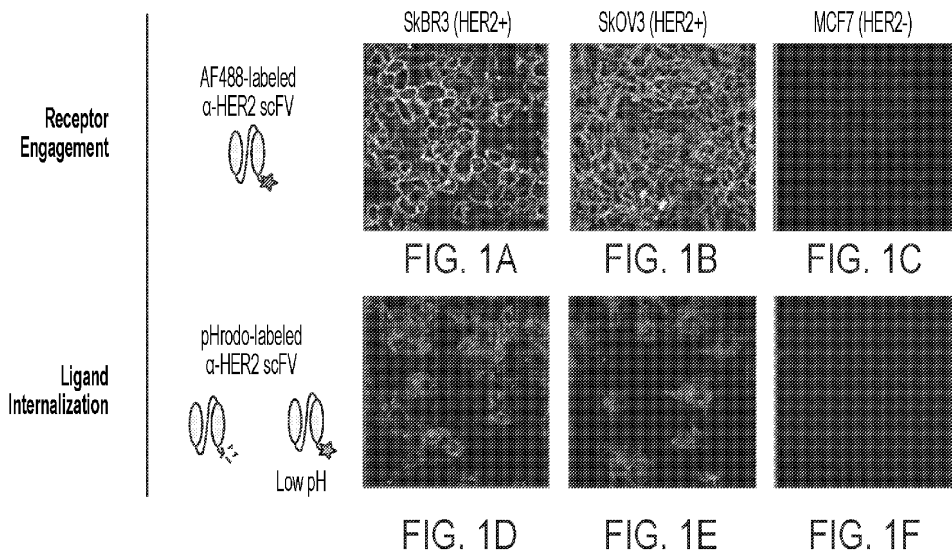
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(54) Title: SINGLE CHAIN VARIABLE FRAGMENT (SCFV) MODIFIED LIPID NANOPARTICLE COMPOSITIONS AND USES THEREOF



(57) Abstract: Provided herein are pharmaceutical compositions comprising a lipid nanoparticle (LNP) and a therapeutic nucleic acid (TNA), wherein the LNP comprises a single-chain variable fragment (scFv) linked to the LNP, and at least one pharmaceutically acceptable excipient. The scFv is capable of binding an antigen present on the surface of a cell, advantageously providing LNP compositions that target only those cells or tissues expressing the receptor.

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**Declarations under Rule 4.17:**

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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