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# Using GetFTR to streamline the reader's discovery flow

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**Oliver Rickard**
**Product Manager, Researcher Value**
**Atypon**

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# Reader discovery flow

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# Reference indicators

Bioinspired Lipid Nanocarriers

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Bioinspired Lipid Nanocarriers for RNA Delivery

**Table 1. Overview of Bioinspired Design Strategies for Lipid-Based RNA Carriers (109−112)**

| Design strategy (with description) | Example schematic |
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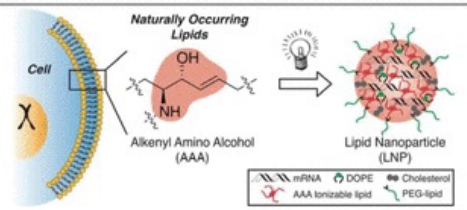
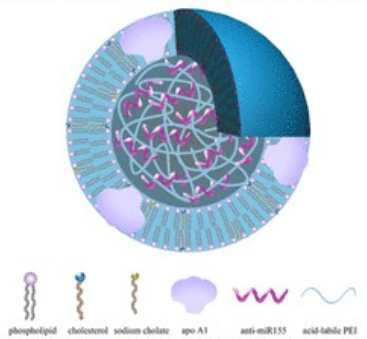
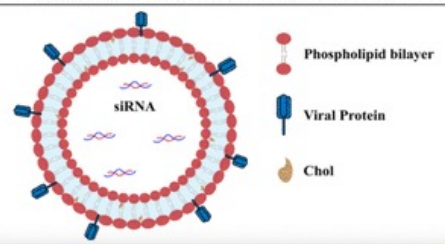
| **Natural lipid substitution** (e.g., substituting traditional ionizable lipids in existing LNP formulation with naturally occurring alkenyl amino alcohol lipids) *Image adapted with permission from ref [108]. Copyright 2016, John Wiley & Sons, Inc.* |   |
| **Mimicking endogenous molecules** (e.g., mimicking HDL by decorating the lipid bilayer membrane of a miRNA carrier with apoA-I, which is highly expressed on the surface of HDLs) *Image adapted from ref [109]. Copyright 2017, American Chemical Society.* |   |
| **Mimicking viruses through virosomes** (e.g., incorporating viral proteins, such as influenza hemagglutinin (HA), in lipid bilayer membranes) *Image adapted from ref [110]. Copyright 2022, with permission from Elsevier.* |   |

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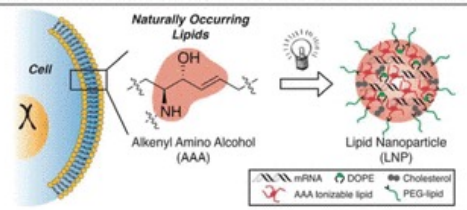
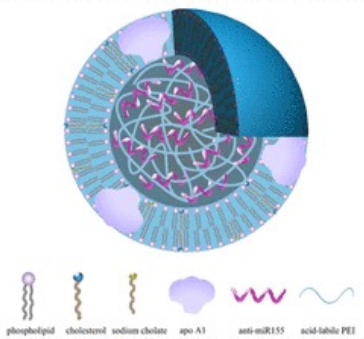
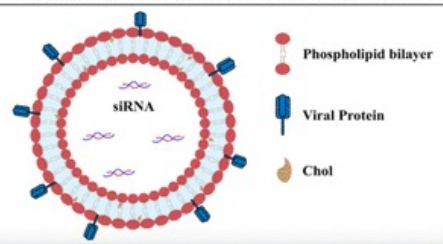
| **Natural lipid substitution** (e.g., substituting traditional ionizable lipids in existing LNP formulation with naturally occurring alkenyl amino alcohol lipids) *Image adapted with permission from ref [108]. Copyright 2016, John Wiley & Sons, Inc.* |   |
| **Mimicking endogenous molecules** (e.g., mimicking HDL by decorating the lipid bilayer membrane of a miRNA carrier with apoA-I, which is highly expressed on the surface of HDLs) *Image adapted from ref [109]. Copyright 2017, American Chemical Society.* |   |
| **Mimicking viruses through virosomes** (e.g., incorporating viral proteins, such as influenza hemagglutinin (HA), in lipid bilayer membranes) *Image adapted from ref [110]. Copyright 2022, with permission from Elsevier.* |   |

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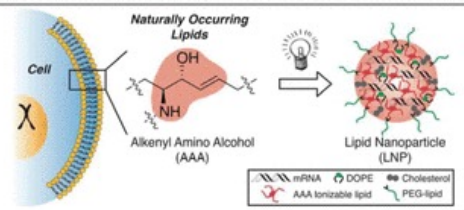
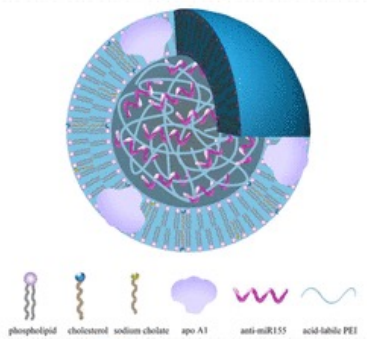
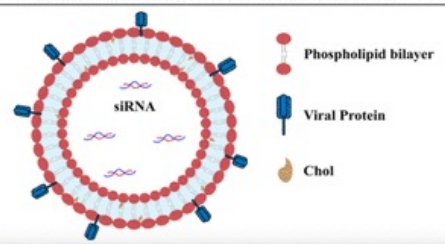
| **Natural lipid substitution** (e.g., substituting traditional ionizable lipids in existing LNP formulation with naturally occurring alkenyl amino alcohol lipids) *Image adapted with permission from ref [108]. Copyright 2016, John Wiley & Sons, Inc.* |   |
| **Mimicking endogenous molecules** (e.g., mimicking HDL by decorating the lipid bilayer membrane of a miRNA carrier with apoA-I, which is highly expressed on the surface of HDLs) *Image adapted from ref [109]. Copyright 2017, American Chemical Society.* |   |
| **Mimicking viruses through virosomes** (e.g., incorporating viral proteins, such as influenza hemagglutinin (HA), in lipid bilayer membranes) *Image adapted from ref [110]. Copyright 2022, with permission from Elsevier.* |   |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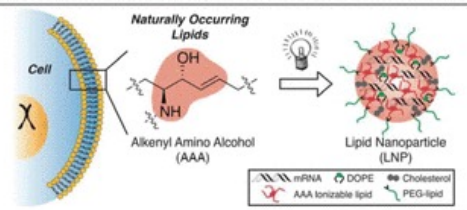
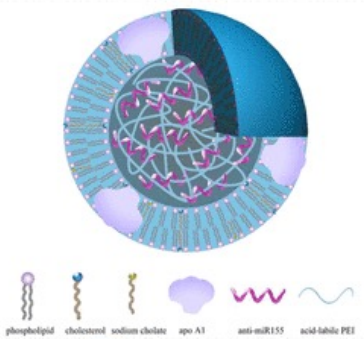
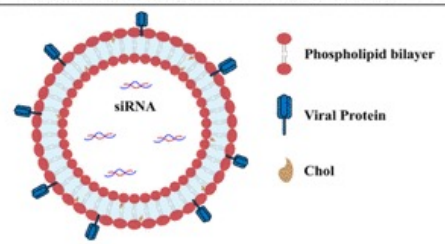
| **Natural lipid substitution** (e.g., substituting traditional ionizable lipids in existing LNP formulation with naturally occurring alkenyl amino alcohol lipids) *Image adapted with permission from ref [108]. Copyright 2016, John Wiley & Sons, Inc.* |   |
| **Mimicking endogenous molecules** (e.g., mimicking HDL by decorating the lipid bilayer membrane of a miRNA carrier with apoA-I, which is highly expressed on the surface of HDLs) *Image adapted from ref [109]. Copyright 2017, American Chemical Society.* |   |
| **Mimicking viruses through virosomes** (e.g., incorporating viral proteins, such as influenza hemagglutinin (HA), in lipid bilayer membranes) *Image adapted from ref [110]. Copyright 2022, with permission from Elsevier.* |   |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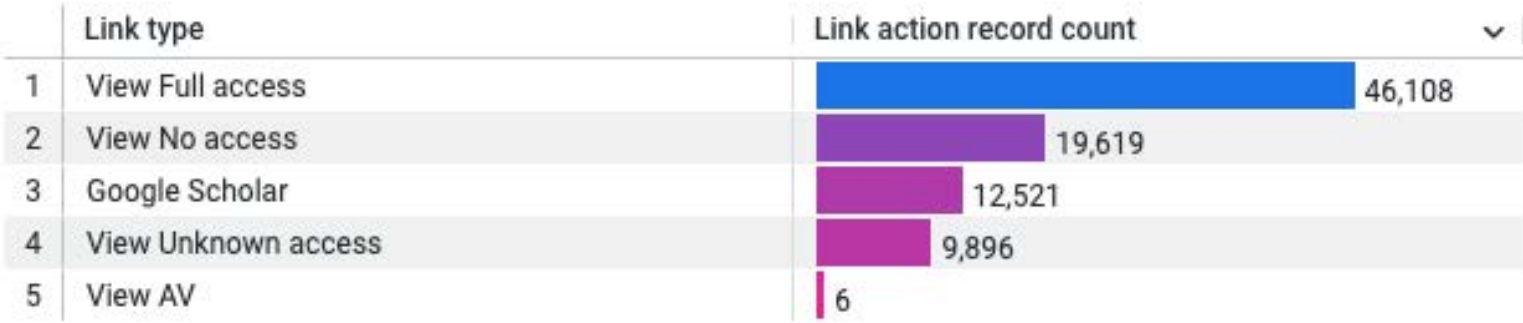

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