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(54) Title: HIGH-DENSITY LIPOPROTEIN MIMETIC NANOPARTICLES USING LIPID CONJUGATED CORE SCAFFOLDS

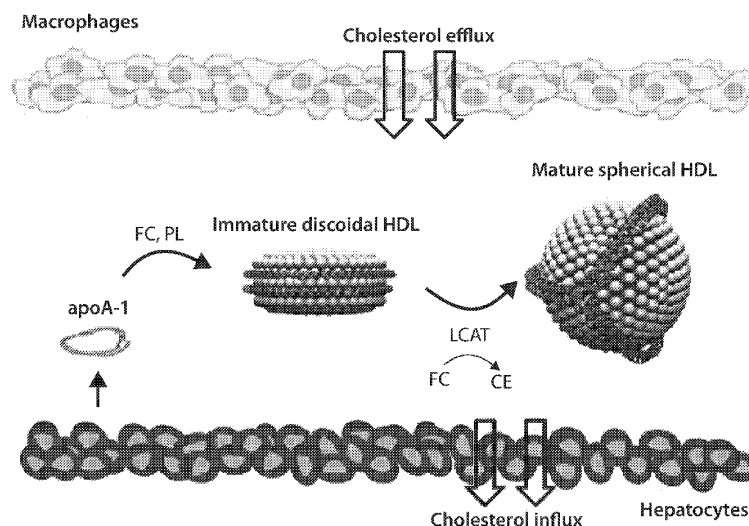


FIG. 1

(57) Abstract: Disclosed herein are spherical high-density lipoprotein-like nanoparticles (HDL-NP) having a soft material core (e.g., a lipid-conjugated inorganic core). Also disclosed herein are methods for synthesizing the spherical HDL-NPs. Also disclosed herein are methods for treating disorders such as cardiovascular disease, cancer, inflammatory disorders or reducing NF- κ B activity with the spherical HDL-NPs.

[Continued on next page]

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