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ABOUT THE COVER

Assembling of microRNA-loaded transferrin-conjugated-nanoparticles to target acute myeloid leukemia (AML) blasts. The nanoparticle core was composed of negatively charged microRNA molecules (miR, \(\rightarrow\)) and positively charged polyethylenimine (PEI, \(\rightarrow\)). Empty nanoparticles were composed of DOPE (\(\rightarrow\)), linoleic acid (\(\rightarrow\)), and DMG-PEG (\(\rightarrow\)). After the loading of the PEI-miR core in the nanoparticles, transferrin-PEG-DSPE (\(\rightarrow\)) was inserted into the nanoparticle surface for specific targeting of leukemia blasts. The background depicts a cytospin of AML blasts derived from a mouse with AML treated with miR-loaded nanoparticles. For details, see the article by Huang and colleagues on page 2355 of this issue.

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