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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, \( \text{miR} \)) and positively charged polyethylenimine (PEI, \( \text{PEI} \)). Empty nanoparticles were composed of DOPE (\( \text{DOPE} \)), linoleic acid (\( \text{linoleic acid} \)), and DMG-PEG (\( \text{DMG-PEG} \)). After the loading of the PEI-miR core in the nanoparticles, transferrin-PEG-DSPE (\( \text{transferrin-PEG-DSPE} \)) 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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