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CANCER THERAPY: CLINICAL

Sorafenib in Combination with Oxaliplatin, Leucovorin, and Fluorouracil (Modified FOLFOX6) as First-line Treatment of Metastatic Colorectal Cancer: The RESPECT Trial
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 ($\text{Lin}$), 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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