



Investigators in the Cancer Nanotechnology Platform Partnership (CNPP) at Emory University have developed tumor-targeting magnetic iron oxide nanoparticles for image-guided pancreatic cancer therapy. The nanoparticles deliver therapeutic agents into pancreatic cancer tumors and produce signals that can be tracked by magnetic resonance imaging (MRI). This microscopy image of a tumor section (obtained from a mouse tumor model) shows the blue-stained nanoparticles selectively accumulating in the peripheral tumor area and then penetrating into tumor cells.

Image Credentials: Lily Yang, M.D., Ph.D., and Professor Hui Mao, Ph.D.

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