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# A Material Transfer Agreement between Glioblastoma and Normal Brain Cells

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## Abstract

Tumor cells communicate with normal cells in various ways, typically leading to the exploitation of resources of the normal cells by tumor cells for their benefit. In this issue, Mangena and colleagues use three-dimensional organoid models to show the transfer of GFP and mRNA from malignant glioblastoma to nonmalignant cells in cerebral organoid models; this transfer is facilitated by extracellular vesicles and possibly tunneling nanotubes, demonstrating how nonmalignant cells in the tumor microenvironment can be exploited by neighboring malignant cells. See related article by Mangena et al., p. 299.

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