Science News: Virtual Tour of a Tumor [VIDEO]

Cancer Research UK have created a 3D model of breast cancer, giving researchers an inside view of how the cancer cells interact with healthy tissue.

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Former Damon Runyon Fellow Gregory J. Hannon, PhD, and colleagues at the Cancer Research UK Cambridge Institute, have developed a new interactive, virtual reality 3D model of breast cancer. A human tissue sample about the size of a pinhead was used to create the model, which can be magnified to appear several meters across, providing researchers an inside view of how breast cancer cells interact with surrounding healthy tissue.

“No one has examined the geography of a tumor in this level of detail before; it is a new way of looking at cancer,” Hannon said. This detailed view will contribute to understanding how individual cells behave and help in the search for new treatments.

Watch the video above or click here.

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