New Method For Detecting Lung Cancer Detects Single Molecules.

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Researchers at the Univesity of Missouri have developed a way to detect lung cancer that relies on finding single copies of an RNA produced by lung cancers, and found in the blood of the patients. The method uses tiny nano-particles containing tiny pores through which the RNA (and can move. When the lung cancer-associated RNA goes through the pore, it changes the electrical properties of the particle in a specific way. The method should be able to detect lung cancer very early, before other existing tests would find it.

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