A 'Gold Standard' For Lung Cancer Detection?

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Early detection of lung cancer is difficult. A new technology may change that. An international team of researchers has developed sensors that can detect differences in small chemicals released by normal vs lung cancer cells. The cells were grown in the laboratory and the air in their dishes was sampled. The released chemicals are trapped by gold nanoparticles and analyzed. The test was able to tell the difference between normal and cancer cells and also to determine if a lung cancer cell line was from a small cell or a non-small cell cancer.

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