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Functional Photoacoustic Microscopy

National Cancer Institute

Source

National Cancer Institute. *Functional Photoacoustic Microscopy*. NCI Thesaurus. Code C122709.

A hybrid imaging technique that combines the high-resolution advantage of ultrasonic detection of absorbed photons with the high-contrast advantage of optical imaging. It can provide better spatial resolution than pure optical imaging when the imaging depth is beyond 1 mm.