

Detecting Disease

with Nanotechnology



Nanotechnology is making it possible to detect diseases more accurately and earlier than ever before—giving doctors a better chance of curing them.

Many of the new diagnostic tools work by sensing super small molecules in your body that are indicators of disease.

In 2007, Columbia University scientists introduced “GreeneChip.” This device is smaller than a stick of gum and can detect almost 2,000 pathogens known to make people sick (viruses, bacteria, fungi, and parasites)—all at the same time!