

## Do cell phones cause cancer? Long-awaited study offers mixed results, no definitive answer

The long-awaited results of a \$25 million National Institutes of Health [study on the effects of cellphone radio-frequency radiation exposure](#) on animals is out, and the results are mixed. They showed a higher risk of tumors, DNA or tissue damage, and lower body weight in some groups of rodents, but no obvious ill effect in others and no clear implications for human health.

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The new NIH study showed tumors in rats and mice in other parts of the body — the brain, prostate, liver and pancreas — but the scientists said it was unclear whether those were related to the radiation.

The experiment involved placing rats and mice into special chambers and exposing them to levels of radiation that mimic 2G and 3G phones, which were standard when the study was launched, for nine hours a day.

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Researchers said that they found some tissue and DNA issues but that “we don’t feel sufficient understanding to comment on their biological significance.”

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The Food and Drug Administration, which commissioned the study, released a statement describing “the mostly equivocal, or ambiguous, evidence that whole body radio-frequency energy exposures given to rats or mice in the study actually caused cancer in these animals.”

**Read full, original post:** [Cellphone radiation study finds mixed effects in rodents, without clear implications for human health](#)