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Debunking Medical Myths: Microwave Radiation Cause Cancer?

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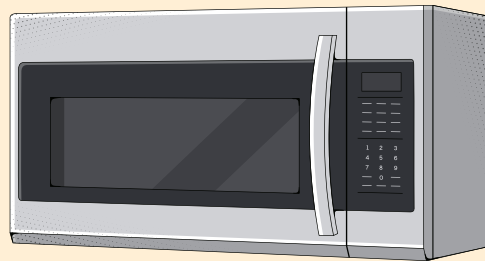
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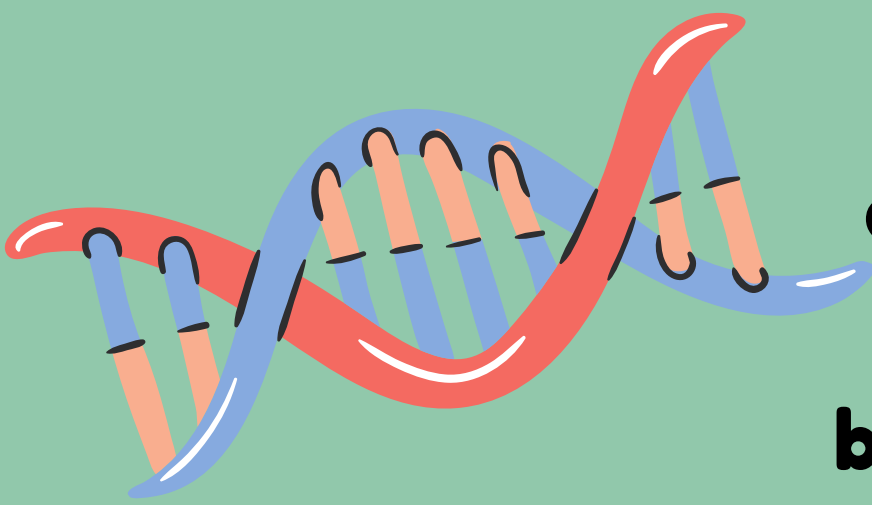
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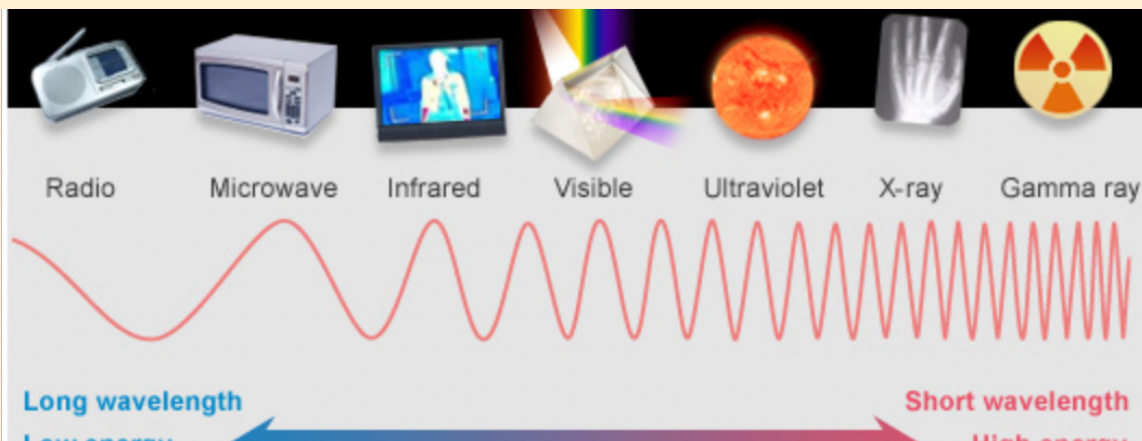
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CAN MICROWAVE RADIATION CAUSE CANCER?



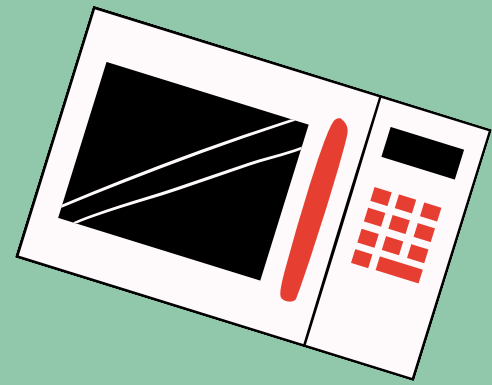
Waves have to have high enough energy to break DNA bonds and cause cancer



- High energy: Gamma and X-ray
- Low Energy: Radio and Microwaves

Microwave energy is too small to break DNA bonds. Instead, microwaves only create heat (1)

1 in 106 microwaves emitted radiation above public safety standards (2) but there was no significant evidence that the majority of microwaves breach these regulations.



1) ZEYAD O | ALHEKAIL 2001 J. RADIOL. PROT. 21 251. 11/22/2021
 2) HARDELL L, SAGE C. BIOLOGICAL EFFECTS FROM ELECTROMAGNETIC FIELD EXPOSURE AND PUBLIC EXPOSURE STANDARDS. BIOMED PHARMACOTHER. 2008 FEB;62(2):104-9. DOI: 10.1016/J.BIOPHA.2007.12.004. EPUB 2007 DEC 31. 11/22/2021



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