

# CELLULAR RADIATION



# Vocabulary

**Radiation:** the penetrating rays and particles emitted by a radioactive source.

**Radioactivity:** the process by which nuclei emit particles and rays.

**Backlash:** a strong and adverse reaction by a large number of people, especially to a social or political development.

**SAR :** search and rescue, an emergency service involving the detection and rescue of those who have met with an accident or mishap in dangerous or isolated locations.

**Emit:** produce and discharge (something, especially gas or radiation).



# RADIATION

Radiation is energy transmitted in waves or a stream of particles. The first thing you think of as *radiation* is probably X-rays, but what cooks your food in the microwave oven is also *radiation*.

Radiation has some important medical uses, especially in the treatment of cancer, as "*radiation* therapy."

It's also associated with horrors as "*radiation* sickness" — observed in people exposed to high levels of radiation. *Radiation*, means something spreading out from a central point, as the radiation of warmth from your fireplace.