

# **Disclosing the Health Impacts of Wireless Technology**

## **All wireless devices emit microwave radiation.**

Wireless devices emit RF radiofrequency microwave radiation at levels that concern many medical and scientific experts. These authorities are sounding the alarm as they are witnessing a rapid increase in health issues that have been shown in thousands of peer-reviewed scientific studies to be associated with wireless microwave radiation exposure.

## **What is microwave radiation?**

Wireless devices emit a high-frequency, pulsed form of microwave radiation that vibrates at billions of cycles per second. This is much different than our bodies and the earth that co-resonate at around 8 cycles per second.

## **Microwave radiation is not natural. This is new and unprecedented.**

RF microwave radiation is not naturally occurring; we have evolved for millions of years without it. Up until the last 10-20 years the only sources of it were radio and television transmission towers, and radar installations all of which were located at a distance from most residential areas. Household appliances never emitted it until recently. It has now become an acceptable practice to place microwave transmitters next to our bodies.

## **Existing federal regulations DO NOT protect human health.**

Currently the only agency mandated by Congress to address microwave radiation exposure is the FCC. The FCC is not a health agency, and never has been. It has no health professionals on staff, and takes direction largely from industry trade groups.

## **You are more than a piece of meat.**

FCC guidelines are based solely on what are called thermal effects, meaning how much radiation it takes to heat body tissue. They do not address any biological effects, i.e., how exposure to low-intensity microwave radiation effects physiology, despite thousands of peer-reviewed studies showing a wide range of health impacts including reduction in fertility, DNA damage, altered development, cancer, and more.

**(See opposite side for a list of studies)**

## **Women and children are most at risk.**

Microwave radiation has the ability to penetrate walls made of concrete, wood and metal; it also has the ability to penetrate our bodies. Children are especially vulnerable due to their thinner skulls, undeveloped immune systems, rapidly dividing cells, and higher water content. Women are also much more at risk, due to their complex hormonal systems.

## **Parents have a right to know what is and isn't harmful to their children.**

In May of 2011, the IARC panel of the World Health Organization reclassified RF microwave radiation as a class 2B human carcinogen, placing it in the same category as lead, mercury, and DDT. IARC members have further stated that this applies to all wireless devices and that this justifies the implementation of precautionary action.