Harmful effects of RF-EMF exposure are already proven

Over **230 scientists from more than 40 countries** have expressed their "serious concerns" regarding the ubiquitous and increasing exposure to EMF generated by electric and wireless devices already before the additional 5G roll-out. They refer to the fact that "numerous recent scientific publications have shown that *EMF affects living organisms at levels well below most international and national guidelines*". Effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and **memory deficits**, **neurological disorders**, and negative impacts on general well-being in humans. Damage goes well beyond the human race, as there is growing **evidence of harmful effects** to both **plants** and **animals**.

After the scientists' appeal was written in 2015 additional research has convincingly confirmed serious health risks from RF-EMF fields from wireless technology. The world's largest study (25 million US dollar) **National Toxicology Program (NTP)**, shows statistically significant increase in the incidence of *brain and heart* ***cancer*** in animals **exposed to EMF** below the ICNIRP (International Commission on Non-Ionizing Radiation Protection) guidelines followed by most countries. These results support results in **human epidemiological studies** on RF radiation and brain tumour risk. **A large number of peer-reviewed scientific reports** demonstrate harm to human health from EMFs.

The International Agency for Research on Cancer (IARC), the cancer agency of the World Health Organization (WHO), in 2011 concluded that EMFs of frequencies 30 KHz - 300 GHz are possibly **carcinogenic** to **humans** (Group 2B). However, new studies like the NTP study mentioned above and several epidemiological investigations including the latest studies on mobile phone use and brain cancer risks **confirm that RF-EMF radiation is carcinogenic to humans**.

The **EUROPA EM-EMF Guideline 2016** states that "there is strong evidence that *long-term exposure*