

# The Ramazzini Institute Study

2018

The **Ramazzini Study** confirmed the results of the **NTP Study**, using a larger number of test animals, and testing far field (cell tower) rather than near field (cell phone) EMF radiation exposure.

## Ramazzini Study on Radiofrequency Cell Phone Radiation: The World's Largest Animal Study on Cell Tower Radiation Confirms Cancer Link

The **Ramazzini study** exposed 2448 Sprague-Dawley rats from prenatal life until their natural death to "environmental" cell tower radiation for 19 hours per day (1.8 GHz GSM radiofrequency radiation (RFR) of 5, 25 and 50 V/m). RI exposures mimicked base station emissions like those from cell tower antennas, and **exposure levels were far less than those used in the NTP studies of cell phone radiation.**

**"All of the exposures used in the Ramazzini study were below the US FCC limits. These are permissible exposures according the FCC. In other words, a person can legally be exposed to this level of radiation. Yet cancers occurred in these animals at these legally permitted levels.** The Ramazzini findings are consistent with the NTP study demonstrating these effects are a reproducible finding," explained Ronald Melnick PhD, formerly the Senior NIH toxicologist who led the design of the NTP study on cell phone radiation now a Senior Science Advisor to Environmental Health Trust (EHT). "Governments need to strengthen regulations to protect the public from these harmful non-thermal exposures."

**"This study raises concerns that simply living close to a cell tower will pose threats to human health.** Governments need to take measures to reduce exposures from cell tower emissions. Cell towers should not be near schools, hospitals or people's homes. Public health agencies need to educate the public on how to reduce exposure from all sources of wireless radiofrequency radiation—be it from cell towers or cell phones or Wi-Fi in schools," stated David O. Carpenter MD, former Dean of the School of Public Health at the University at Albany. "This is particularly urgent because of current plans to place small 5G cell towers about every 300 meters in every street across the country. These 5G 'small cell' antennas will result in continuous exposure to everyone living nearby and everyone walking down the street. The increased exposures will increase risk of cancer and other diseases such as electro-hypersensitivity."