

**Long Term Health and Safety Evaluation Needed Before Introduction of 5G**  
**Statement submitted to the FCC by Devra Davis PhD MPH FACE**

The recent US [NIEHS government funded study](#) of wireless radiation found significantly greater rates of rare tumors of the brain and heart in rats.

The French government has recently reviewed evidence on wireless radiation and has concluded that there is need to evaluate all wireless devices for their impact on children's health and immediately minimize exposures to children. [ANSES 2016 Report](#)

In light of these and other developments it is imperative that 5G not be introduced widely into commerce at this time. Before introducing a new form of wireless technology into the environment, it is necessary to:

- model exposures to infants, children, and pregnant women;
- conduct experimental tests on exposures impact on wildlife; and
- evaluate impacts on human systems through in vitro and in vivo toxicology.

The assumption that 5G technology must be safe because it does not generate heat has been shown through the recent studies to be incorrect. Environmental Health Trust scientists and advisers are willing and able to help you develop appropriate protocols to evaluate environmental and health impacts the 5G technology. It is imperative that such an evaluation proceed prior to the widespread introduction of 5G.

Devra Davis PhD MPH FACE

<http://ehtrust.org/>

Fernandez-Rodriguez, C.E.; De Salles, A.A.A.; Davis, D.L., [“Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation–The Relationship Between psSAR and Age.”](#) in Access, IEEE , vol.3, no., pp.2425-2430, 2015 doi: 10.1109/ACCESS.2015.2502900

Morris, R.D.; Morgan, L.L.; Davis, D.L., [“Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults.”](#) in Access, IEEE , vol.3, no., pp.2379-2387, 2015 doi: 10.1109/ACCESS.2015.2478701

[Morgan LL, Miller AB, Sasco A, Davis DL. Mobile phone radiation causes brain tumors and should be classified as a probable human carcinogen \(2A\) \(review\). Int J Oncol. 2015 May;46\(5\):1865-71. Epub 2015 Feb 25.](#)

[EHT's Wireless Radiation and Children's Health Safe Schools 2012.](#)

[Wi-Fi in Canadian Schools: A Health and Safety Issue](#)

[International Precautionary Policy by Governments](#)

[Children & Wireless FAQs Fact Sheet](#)

[2012 AAP Letter for the Cell Phone Right to Know Act](#)

[The AAP also wrote the FCC in 2013 calling for a review of RF guidelines.](#)

[Textbook of Children's Environmental Health, 201](#)

The [EHHI Report on Cellphones](#)

[Message to Public Schools about Wireless Devices](#) by Ron Powell, PhD

[Letter to U.S. Secretary of Education from EHT on Wireless in Schools October 13 2015](#)

