

June 11, 2019

Subject: Physician Testimony Against AB 234, Small Cell Legislation

Dear Representative,

My name is Dr. Angie Colbeck and my background is that I practiced as a Board Certified Pediatrician and I also studied Hospital and Molecular Epidemiology at the University of Michigan's School of Public Health. I am contacting you today to inform you of the concerns that I as well as hundreds of physicians and scientists have regarding the harmful impacts of wireless radiation.

There are now over 3,600 studies in the medical literature indicating harmful effects from wireless radiation including cancer, DNA damage, DNA repair failure, cardiac arrhythmias and other effects on the heart muscle as well as blood pressure and vascular effects, disrupted calcium metabolism, diabetes, ADHD, behavioral disorders and learning difficulties, headaches, depression, tinnitus, sleep disturbances, memory loss, changes in the blood brain barrier and effects on the neuron firing rate and EEG, disrupted immune function and change in stress proteins and reproduction and fertility effects. A compendium of these studies can be found at www.Bioinitiative.org.

Hundreds of doctors and scientists are now banding together to improve awareness. Sites like www.Babysafeproject.org and www.MDsafetech.org for instance. Also, after the recent National NTP study confirmed that wireless radiation indeed causes cancer and DNA damage at non-thermal levels below the FCC "safety" limits, the American Academy of Pediatrics put out a warning to parents.

<https://ehtrust.org/american-academy-pediatrics-issues-new-recommendations-reduce-exposure-cell-phones/>

The reason I oppose AB-234 is that implementation of 5G will massively increase our radiation exposure because they will be placing wireless radiation transmitters very close to our homes, about 100 feet away and very concentrated, about every 3-10 homes. These transmitters will be emitting radiation into your home 24/7. Sadly, they are deploying 5G with NO testing, NO regulation and NO safety guidelines.

You might be asking yourself, how can this happen in the U.S. ? I sure did. Well the reason it is happening is that we do not have a true free market in the telecom industry. Due to federal laws passed in 1996, the telecom industry is effectively indemnified against lawsuits for adverse health impacts. In a free market, there are consequences for bad actors. There are no such consequences for the telecom industry. Sadly, the organization which is supposed to hold them accountable for bad behavior, the FCC, is a captive agency. It is bought and paid for by the telecom industry. Remarkably, it is not physicians and scientists, but rather the FCC that is in charge of determining what a safe wireless radiation level is. The higher the "acceptable level", the easier it is for the telecom industry to deploy untested technology to a neighborhood near you without any ramifications. The telecom industry will make billions with the implementation of 5G. The current chair of the FCC is Ajit Pai. His background...a Verizon lawyer. The FCC chairman before him was Tom Wheeler. What did Tom Wheeler do before becoming FCC chair...he was a lobbyist for the cable and wireless industry. What is Tom Wheeler doing now after being FCC chair? He is the CEO of the Cellular Telecommunications and Internet Association. Having the FCC in

charge of determining safe wireless radiation levels for our population is like putting the tobacco industry in charge of how many packs of cigarettes it's safe to smoke per day.

We need medical doctors and scientists with no links to the telecoms. to be in charge of determining what is a safe radiation level for our health, not telecom lawyers and lobbyists.

Given the findings of great harm from wireless radiation in the medical literature and the fact that 5G would massively increase our radiation exposure because of it being placed every 3-10 homes and given the fact that there have been NO STUDIES TO SHOW IT'S SAFE, I encourage you to look out for the health of your constituents and vote NO on AB-234.

Sincerely,
Angela Colbeck, M.D.