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Peer-reviewed study replicates Danish student experiment

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"Researchers from the United Kingdom, the Netherlands and Sweden have shown great interest in the five girls' biology experiment" – reported in ABC News: https://abcnews.go.com/blogs/technology/2013/05/can-wifi-signals-stunt-plant-growth/ and Danish *Hyneder*, May 17, 2013.

"European acclaim for grade 9 experiment"

"Take 400 cress seeds and divide them into 12 trays. Then place the trays in two rooms at the same temperature, six in each room. Give the trays the same amount of water and sunlight over 12 days, but expose six of the trays to mobile phone radiation.

"This is the recipe for a biology experiment so ingenious that it has attracted international attention from leading biologists and radiation experts. The experiment is the brainchild of five girls from class 9.b at Hjallerup School in North Jutland, and it all started when the girls were finding it difficult to concentrate in their lessons.

"We all thought we experienced concentration problems in school if we slept with our mobile phones at the bedside, and sometimes we also found it difficult sleeping," explained Lea Nielsen, one of the five budding researchers." [The five are: Lea Nielsen, Mathilde Nielsen, Signe Nielsen, Sisse Coltau and Rikke Holm.]



The "healthy" cress, which was not exposed to radiation from the routers.



The "sick" cress, which was exposed to radiation from the routers.

"... The results spoke for themselves: the cress seeds alongside the routers did not grow at all, and some even mutated or died. ... 'It's really frightening that there was such a big effect, and we were really struck by the results, said Nielsen. ...'None of us sleep with our mobile phones at our bedside any more. Either we keep them at a distance or in another room. And we always turn off the computer,' she said."

→ Download to ipads, shut router WiFi off AMAP. Install wired or fiber optic connections.

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- 2. Stunted and normal pea Images these are from the EMF Medical Conference 2021 (https://emfconference2021.com) pre-conference lecture 2, by Magda Havas, Ph.D.: https://vimeo.com/showcase/10624511;
- 3. Published research by Magda Havas, Ph.D., and Sheena Symington, a partial replication of the cress seed study that includes broccoli, pea and red clover seeds: "Effects of Wi-Fi Radiation on Germination and Growth of Broccoli, Pea, Red Clover and Garden Cress Seedlings: A Partial Replication Study." The study includes reviews of a slew of other studies on wireless radiation effects on plant life. Click download full-text pdf: https://www.researchgate.net/profile/Magda-Havas/publication/305691264 Effects of Wi-
- Fi_Radiation_on_Germination_and_Growth_of_Broccoli_Pea_Red_Clover_and_Garden Cress Seedlings A Partial Replication Study.

As presented to the Town Board: Because of governmental missteps taken three decades ago, the EPA does not conduct research on wireless/radiofrequency radiation, or develop and enforce regulations to protect the environment and people from these radiations. The Federal Communications Commission issues utterly archaic standards, and even under court order refuses to bring these into accord with the known negative effects of wireless communications exposures. The closing talks given at the EMF Medical Conference of 2021 lay out how it is that we've been left in the dark and unprotected like this.

We are obliged to uncover the research and even do it ourselves. To that end, 9th grade scientists in Denmark devised a test. One of them explained: "We all thought we experienced concentration problems in school if we slept with our mobile phones at the bedside; and sometimes we also found it difficult sleeping...." (and many of us are experiencing the same trouble). Suspecting wireless radiation as a causal factor, they divided 400 cress seeds into trays, to germinate with the same temperature, water and light, half in a room with *router WiFi*, half in a room without the WiFi. They repeated the experiment. Here are the results which – as they declared – "spoke for themselves." The outcome so struck them that they changed their behavior: "None of us sleep with our mobile phones at our bedside ... we keep them at a distance or in another room. ... we always turn off the computer...."

Here is a professional study that tested peas, cress, broccoli and red clover seeds. It also reviewed a slew of other studies. In this study, the router sent out beacon signals, but not data as it probably did in the Danish classroom. You see here the stunted pea foliage. Under the radiation, roots cannot form! The cress seeds germinated, but their biomass was reduced. I want to point out that one can expect different results when the subject or parameters are changed. The effects of wireless radiation on life processes depend upon frequencies, power level and other factors. These act like keys in locks: change the keys or locks and nothing happens. In *industry*-funded research, changing the parameters can be used to *great advantage* in order to alter results and refute independent studies.

I urge us to be wise, learn and change our behaviors ASAP.

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