



11 July 2019

Mr. Masahiko Shibayama
The Minister of Education, Culture, Sports, Science and Technology
3 Choume2-2, Kasumigaseki, Chiyodaku, Tokyo, Japan

Dear Minister Shibayama:

This letter is for the purpose of urging you to provide a safe and secure place for children in Japan to learn and study when they have developed the syndromes of electro-hypersensitivity and multiple chemical sensitivity. I am a public health physician and former Dean of the School of Public Health here at the University at Albany. My CV is attached for your information. My general research area is study of human disease resulting from exposure to various environmental factors. I have been involved in issues related to health effects of electromagnetic fields

Radiofrequency electromagnetic fields come from cell phones, cell towers, WiFi, and any wireless device. Exposure to electromagnetic fields (EMFs) pose significant health hazards to humans. There has been recently a rapid expansion of radiofrequency EMFs coming from mobile phones, cell towers, WiFi and wireless everything. There is very strong evidence that long-term use of a mobile phone held to the ear increases risk of gliomas and glioblastomas. There is also some evidence for an increased risk of other cancers. Exposure to radiofrequency radiation also has adverse effects on male reproduction.

There is an emerging epidemic of a syndrome called electro-hypersensitivity, in which some individuals respond to exposure to radiofrequency radiation with headache, cognitive disturbance, excessive fatigue and other rather non-specific but debilitating symptoms. This is clearly a real disease, not just a psychosomatic illness. The best source for this information is the Bioinitiative Report (www.bioinitiative.org), which is an encyclopedic review of the literature. Often individual who suffer from electro-hypersensitivity also develop responses to chemicals, the syndrome which is called multiple chemical sensitivity (MCS).

There is no known treatment for EHS and the only solution for those who suffer from the syndrome is to avoid and reduce exposure to the greatest degree possible. A person suffering from EHS is clearly disabled and must be provided accommodation at a site where the exposure to radiofrequency electromagnetic fields is minimal. This is especially important in schools, where a child goes to learn. A child cannot learn if they are feeling ill because of the exposure to radiation or chemicals. Such accommodation must include a work area remote from WiFi routers, cell towers and individuals using cell phone or other wireless devices., as well as multiple chemicals.

Yours sincerely,

David O. Carpenter, MD
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and the Environment
University at Albany