



June 29, 2019

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

Dear Honorable Minister Shibayama,

On behalf of the BioInitiative Working Group, this letter is written to express profound concern about wireless (Wi-Fi) educational technologies in schools. The health and learning abilities of children can be negatively affected by all wireless exposures (Wi-Fi, cell phones, wireless tablets and laptops). Long-term exposures to wireless radiation can lead to hypersensitivity in children, which can greatly restrict learning, as well as access to schools and transportation. Today, educational policies should be looking forward and helping school administrators and municipal leaders to access safe, wired solutions. You can reasonably foresee and offer alternatives to potentially hazardous exposures to wireless radiation by choosing to support either traditional or wired educational technologies.

It is a risky choice for school administrators to encourage spending for new wireless classroom infrastructure and devices for school children, knowing that wireless emissions have been classified as a Possible Human Carcinogen by the World Health Organization's International Agency for Research on Cancer (2011) and that scientific studies now document harm to children at levels present in school environments that have wireless routers and connected wireless device use. To promote wireless technologies in schools is to deliberately and knowingly disregard current health warnings from international science and hundreds of public health experts around the world. It is also important to note that wireless technologies have not been shown to increase academic performance, in fact, the opposite is true. WiFi in schools increase risk of neurologic impairment, impaired learning and memory, decreased academic performance and long-term risk of cancer in students.

The evidence for these statements is based on many thousands of published, peer-reviewed scientific studies that report adverse effects at levels much lower than current public safety limits. Liability cannot be avoided simply by asserting compliance with existing legal, but outdated and inadequate public safety limits. We urge you to adopt policies in line with these considerations.

Very sincerely,

Cindy Sage, MA
Co-Editor, BioInitiative 2012 Report



Contributing Authors of the the 2007 and 2012 BioInitiative Working Groups

Jitendra Behari, PhD, India
Carlo V. Bellieni, MD, Italy
Igor Belyaev, Dr.Sc., Slovak Republic
Carl F. Blackman, PhD, USA
Martin Blank, PhD, USA
Michael Carlberg, MSc, Sweden
David O Carpenter, MD, USA
Zoreh Davanipour, DVM, PhD USA
Adamantia F. Fragopoulou, PhD, Greece
David Gee, Denmark
Yuri Grigoriev, MD, Russia
Kjell Hansson Mild, PhD, Sweden
Lennart Hardell, MD, PhD, Sweden
Martha Herbert, PhD, MD, USA
Paul Héroux, PhD, Canada
Michael Kundi, PhD, Austria
Henry Lai, PhD, USA
Ying Li, PhD, Canada
Abraham R. Liboff, PhD, USA
Lukas H. Margaritis, PhD, Greece
Henrietta Nittby, MD, PhD, Sweden
Gerd Oberfeld, MD, Austria
Bertil R. Persson, PhD, MD, Sweden
Iole Pinto, PhD, Italy
Paulraj Rajamani, PhD, India
Cindy Sage, MA, USA
Leif Salford, MD, PhD, Sweden
Eugene Sobel, PhD, USA
Amy Thomsen, MPH, MSPAS, USA