

**From:** [PPSI@aol.com](mailto:PPSI@aol.com) [<mailto:PPSI@aol.com>]  
**Sent:** Friday, September 09, 2016 3:41 PM  
**To:** Nambiar, Madhusoodana  
**Subject:** Citizens Petition is on Cell Phone, Docket # FDA-2013-P-1374,

**Madhusoodana Nambiar  
Regulations Staff  
Office of the Center Director  
Center for Devices and Radiological Health,  
U.S. Food and Drug Administration  
Building WO66, 5572  
10903 New Hampshire Avenue  
Silver Spring, MD 20993**

**Dear Mr. Nambiar:**

**Please add the 2 emails below to our FDA Citizens Petition on Cell Phones,  
Docket # FDA-2013-P-1374,**

Also, can you please send copies of all our submissions and additions to the following,

Steve Woods, Division Chief  
Food, Drug and Radiation Safety  
California Department of Public Health  
1500 Capitol Avenue, MS 7600  
Sacramento CA 95814  
916-440-7883  
fax : 916-440-5421  
email : [steve.woods@cdph.ca.gov](mailto:steve.woods@cdph.ca.gov)

I met with him in July and he is chief of Radiation and Safety for California.

Please tell me where our Citizens Petition is on Cell Phone, Docket # FDA-2013-P-1374, are there hearings coming up and when will they be ?

Fred

**Frederick S. Mayer, R.Ph. MPH,FACA  
PPSI CEO, Gray Panthers  
300 Deer Valley Road, Suite 2F  
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[From: jmm@berkeley.edu](mailto:jmm@berkeley.edu)  
[To: cheemf@lists.healthandenvironment.org](mailto:cheemf@lists.healthandenvironment.org)  
[Sent: 9/8/2016 5:45:51 P.M. Pacific Daylight Time](#)  
[Subj: New review study finds increased evidence that cellphone radiation damages sperm](#)

New review study finds increased evidence that cellphone radiation damages sperm

Perhaps this study can be used to convince boys and men not to store their cellphones near their genitals ...

Houston B, Nixon B, King BV, De Iuliis G, Aitken RJ. The effects of radiofrequency electromagnetic radiation on sperm function. Reproduction. 2016 Sep 6. pii: REP-16-0126. [Epub ahead of print].

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#### Abstract

Mobile phone usage has become an integral part of our lives. However, the effects of the radiofrequency electromagnetic radiation (RF-EMR) emitted by these devices on biological systems and specifically the reproductive systems are currently under active debate. A fundamental hindrance to the current debate is that there is no clear mechanism of how such non-ionising radiation influences biological systems. Therefore, we explored the documented impacts of RF-EMR on the male reproductive system and considered any common observations that could provide insights on a potential mechanism.

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Among a total of 27 studies investigating the effects of RF-EMR on the male reproductive system, negative consequences of exposure were reported in 21. Within these 21 studies, 11 of the 15 that investigated sperm motility reported significant declines, 7 of 7 that measured the production of reactive oxygen species documented elevated levels and 4 of 5 studies that probed for DNA damage highlighted increased damage, due to RF-EMR exposure. Associated with this, RF-EMR treatment reduced antioxidant levels in 6 of 6 studies that studied this phenomenon, while consequences of RF-EMR were successfully ameliorated with the supplementation of antioxidants in all 3 studies that carried out these experiments.

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In light of this, we envisage a two-step mechanism whereby RF-EMR is able to induce mitochondrial dysfunction leading to elevated ROS production.

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A continued focus on research which aims to shed light on the biological effects of RF-EMR will allow us to test and assess this proposed mechanism in a variety of cell types.

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<http://bit.ly/2cJJ2pE>

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The conclusions of this review and other studies about cellphone radiation and sperm damage can be found on my Electromagnetic Radiation Safety web site at <http://bit.ly/saferemrsperm>.

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[Recent new and updated posts on EMR Safety](#)

[iPhone 7 Models: Specific Absorption Rates \(SAR\) or RF Exposure -- my most popular first day post](#)

[Wireless Radiation TV News](#)

[Samsung Galaxy S7 and S7 Edge Specific Absorption Rates \(SAR\)](#)

[Electromagnetic Hypersensitivity](#)

[Berkeley Cell Phone "Right to Know" Ordinance](#)

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[Joel M. Moskowitz, Ph.D., Director](#)  
[Center for Family and Community Health](#)  
[School of Public Health](#)  
[University of California, Berkeley](#)

## Electromagnetic Radiation Safety

Website: <http://www.saferemr.com>

Facebook: <http://www.facebook.com/SaferEMR>

Twitter: [@berkeleyprc](#)

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### Update on Berkeley's Cellphone "Right to Know" Law: Court hearing September 13

The Ninth Circuit Court of Appeals will hold a hearing on September 13 to consider the CTIA's arguments why the preliminary injunction to block the City of Berkeley's cellphone "right to know" ordinance should be reinstated. The law has been in effect since March.

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This landmark law requires cellphone retailers in Berkeley to post a cellphone safety notification or provide a copy to customers. The notification reminds the consumer to read the manufacturer's safety information in the cellphone's user manual (see below).

The case before the federal Court of Appeals is CTIA-The Wireless Association v. City of Berkeley et al., case number 16-15141.

The CTIA is represented by former Solicitor General Theodore Olson, and the City is represented by Harvard Law Professor Lawrence Lessig.

The hearing will be held in the U.S. Courthouse in San Francisco at 9:30 A.M. (95 Seventh Street, Courtroom 1, 3rd Floor, Rm 338).

**California Attorney General Kamala Harris** and the **Natural Resources Defense Council** submitted amicus briefs in support of Berkeley's position.

A recap of key legal developments is available on my Electromagnetic Radiation Safety web site: <http://bit.ly/berkeleycellordinance>.

Links to more than 180 news stories about the law: <http://bit.ly/berkeleymedia>.

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**Mandated Notice:**

**Pursuant to Berkeley Municipal Code § 9.96.030(A),**

the City of Berkeley requires that you be provided

the following notice:

To assure safety, the Federal Government requires that cell

phones meet radio frequency (RF) exposure guidelines. If

you carry or use your phone in a pants or shirt pocket or

tucked into a bra when the phone is ON and connected to a

wireless network, you may exceed the federal guidelines for

exposure to RF radiation. Refer to the instructions in your

phone or user manual for information about how to use your

phone safely.

Joel M. Moskowitz, Ph.D., Director

Center for Family and Community Health  
School of Public Health  
University of California, Berkeley

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