

From: submissions
To: [REDACTED]
Subject: RE: submission re irradiation of fresh food A1193

From: [REDACTED]
Sent: Friday, 11 December 2020 3:51 PM
To: submissions
Subject: submission re irradiation of fresh food A1193

Good afternoon

I would like to make a submission regarding the proposal to irradiate all fresh food.

This proposal must be rejected in the strongest terms. There is no evidence that irradiation of food is not harmful to society.

As we have a very effective system for the distribution of fresh food I do not understand the benefits claimed for comprehensive irradiation.

The detrimental impact on food quality however is well understood.

Irradiation reduces the quality of the food irradiated, reducing nutrients and enzymes, off times to near nil value.

We have used microwave ovens for many years and it has always been known that microwave ovens cause significant loss of nutrient value.

If fresh food, the most nutrient dense food we have, is irradiated this will lead to significant decline in the health of society.

It is generally well known that the Russians thoroughly investigated the impacts of microwaves on food and found it to be detrimental ultimately rejecting this mode of cooking.

Russian findings include:

- "Carcinogenic substances were formed from the microwaving of nearly all foods tested
- Microwaving milk and grains resulted in carcinogenic substances being formed through the conversion of amino acids
- Microwaving prepared meats caused cancer-causing agents such as d-Nitrosodienthanolamines to form
- Microwaving fruits as a method of thawing resulted in the conversion of glucoside and galactoside fractions into carcinogenic substances
- Extremely short exposure of raw, cooked, or frozen vegetables converted their plant alkaloids into carcinogens

- Carcinogenic free radicals were formed in microwaved plants, especially root vegetables
- Structural degradation leading to decreased food value was found to be 60 to 90 percent overall for all foods tested, with significant decreases in bioavailability of B complex vitamins, vitamins C and E, essential minerals, and lipotropics

Twenty years of the Russian research led to the international warning about the damaging biological and environmental effects microwaves possess. The warning also included other similar frequency electronic devices such as cell phones.

Say Goodbye to Your Foods Nutritional Value

Although there hasn't been as many studies on microwaves as say, the importance of various vitamins and minerals, all of the studies generally agree on one thing: nutritional value is significantly reduced if you microwave food. You'd think that studying microwaves would be at the top of the list, given their place in our society, but evidently their role is not significant enough for more thorough testing." (extracted from: <https://naturalsociety.com/microwaves/>)

Population health is already struggling under the weight of the many chemical assaults. Chronic illness, not known of 50 years ago, is now common place. In USA it is suggested that 54% of the population have 1 or more chronic illnesses. Our children are the sickest of any previous generation. Health systems are struggling under the weight of a society in poor health.

Irradiation will add to the pressures on the health system as the population health degrades at an even faster pace than we have been witnessing.

There is no scientific justification for approving this proposal and many scientific reasons to reject this proposal.

I urge the committee to REJECT this proposal

kind regards



Irradiation is not warranted

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