

Does it bug you that you're eating Roundup? It should.

I watched this video last week and felt so sad knowing many of my loved ones are seeking help for illness from the medical field while they're eating foods that not only can't sustain them, but are literally harming them. In this interview, the actual mechanisms of harm are identified. I just had to share.

Many thanks to [Jeffrey Smith](#) and [Dr. Stephanie Seneff](#) for describing in detail what happens to the body as a result of exposure to Round-up. These destructive actions are contributing to most, if not all, of the diseases of our time. **If you or anyone you know has one of the concerns listed directly below the video, I urge you to take an hour and watch.** For those who can't, I've summarized key points below, along with the time reading from the interview so you can go directly to that topic if you like. This **IS** effecting you. It **IS** harming you.

[Jeffrey Smith interviews Dr. Stephanie Seneff about Glyphosate](#) from [Kristin Canty](#) on [Vimeo](#).

Problems influenced by glyphosate – the active ingredient in Roundup: anxiety, aggression, autism, ADHD, Alzheimers, cancer, depression, diabetes, fibromyalgia, gastrointestinal problems, heart disease, infertility, multiple sclerosis, and Parkinsons. If you have any of these issues and your health care professional has not advised you to stop eating conventionally raised food, you have not been given the whole truth. That professional has likely not been made aware of the **danger**, but it is **real**.

The interview begins by explaining that crops are now "Roundup Ready", meaning the plants actually drink up the pesticide which leaves more in the food end product. Smith points out

that the allowable residues have gone up since the plants were made Roundup Ready. Initially we were told Roundup would make it so less pesticides would have to be used, but the pests became resistant, and now its use has more than doubled. In the first 16 years, 527 million pounds of Roundup has been used. Current studies show, in the Midwest {7:20}, 60% to 100% of ALL samples of air, water and rain contain glyphosate. This is call for alarm. It is even found in the blood of newborn babies.

In a [recent post](#) on my site, I talk about how disease is caused by exposure to toxins and not having enough nutrients to protect ourselves. These are exactly the concerns Dr. Seneff cites {2:45} that Roundup is responsible for. She relates that glyphosate depletes calcium, magnesium, iron, zinc, cobalt and other minerals causing nutritional deficiencies AND leaves toxins in the body.

Dr. Seneff points out that Monsanto was able to say that the active ingredient in Roundup didn't effect human cells because it works on a metabolic pathway called the shikimate pathway, which humans don't have. However, as I pointed out in [last week's post on the Microbiome](#), we have 10 times more bacterial cells than human cells, and those bacteria ARE negatively effected by glyphosate, causing inflammation and other harmful responses.

What does glyphosate do in the body?

1. Harms our good bacteria and then bad (pathogenic) bacteria can take over (autism {5:00}) and produce toxins (i.e. ammonia and formaldehyde) that can lead to encephalopathy (Alzheimers {20:00}) and DNA damage {13:00} (cancer {34:30}). Dr. Seneff stressed the #1 action to take for Alzheimers is to remove all sources of glyphosate (it is in processed food and used often in lawn/yard care).

2. Blocks the CYP 450 enzyme pathway {17:00} which harms the

liver, enzymes that help us detoxify, hormones and our ability to make vitamin D.

3. Destroys amino acids in food as well as interrupting the body's ability to make aromatic essential amino acids {25:03} like tryptophan and tyrosine. We need these amino acids to make serotonin (lack = depression, aggression, obesity) and dopamine (Parkinson's {32:00} and fibromyalgia).

4. Contributes to multiple sclerosis {41:00} both by destroying the myelin sheath and by causing leaky gut which leads to the body attacking itself (autoimmune disorders – of which we are seeing a dramatic increase). Leaky gut, or intestinal permeability, also leads to bowel inflammatory disorders {45:30} like Crohn's disease, colitis and IBS.

5. Since minerals like zinc, cobalt and manganese are no longer available in our foods and our body requires these to function, we keep eating more and more in our body's desperate attempt to get what it needs (Obesity {59:00}).

6. Disrupts our cells' ability to store sugar (Diabetes {59:00}).

What about safety studies? {36:20} Monsanto did do short term (90 day) studies for safety. However, when independent studies were done, in the fourth month of research, the female test animals (80%) developed mammary tumors (breast cancer) and the males developed tumors in their kidneys and liver problems. Much more on Monsanto's pseudo-science is available from the [Institute for Responsible Technology](#).

GMO crops in this country include alfalfa, canola, corn, cotton, papaya, soy, sugar beets and squash (zucchini and yellow summer squash). And it's not just GMOs anymore, folks. Smith points out {60:00} that glyphosate is now being sprayed on non GMO crops such as barley, rice, wheat and rye immediately before harvest.

Bottom line...the mechanisms showing glyphosate/Roundup cause disease are now known and while you and I may not understand them in the detail Dr. Seneff does, we can take action to minimize their damaging effects on us. Eat NO GMOs. Eat organic. Do NOT spray your lawn and yard with Roundup or other toxic chemicals (that get on your shoes, your pets' feet, young children playing outside).

If you haven't already, I urge you to watch the film [Genetic Roulette](#) – The Gamble of Our Lives.

As always, wishing you **REAL** food, for **REAL** health so you can be **REAL** happy.