

# How Monsanto's Glyphosate Attacks our Core Cellular Functions

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*Monsanto's Round Up herbicide, containing the likely-carcinogenic glyphosate, is causing widespread mitochondrial dysfunction in cells. This is associated with a long list of degenerative disease and chronic health conditions including autism, Alzheimer's, chronic fatigue, fibromyalgia, type 2 Diabetes, Parkinson's, and obesity.*

The [mitochondria](#) of our cells complete some of the most important functions of cellular respiration. This is how our cells eat, excrete, and repair themselves. Mitochondria are like the batteries of the cell. They create metabolic energy through ATP. If the mitochondria, well-defined cytoplasmic organelles of the cell are damaged, the cell cannot function.

As Pamela Coleman, PhD from Farm and Food Policy and an Analyst for the Cornucopia Institute [has said](#):

“Contrary to the current widely-held misconception that glyphosate is relatively harmless to humans, the available evidence shows that glyphosate may rather be the most important factor in the development of multiple chronic diseases and conditions that have become prevalent in Westernized societies.”

We've been exposed to this chemical since the 1970's and the bioaccumulation is killing our cells' ability to heal themselves. Scientists at the Institute for Responsible Technology have posted a wonderful video that explains this seeming complexity in simple terms.

The list of diseases that are caused by mitochondrial dysfunction is long. Two experts discuss just how toxic Round Up is and how it affects mitochondria in your body. You could read dozens of books on this topic, but you can also obtain a quick understanding from an under-utilized video that represents vast quantities of data on the subject in a nutshell, presented by Stephanie Seneff and Alex Vasquez.

## Sources:

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