

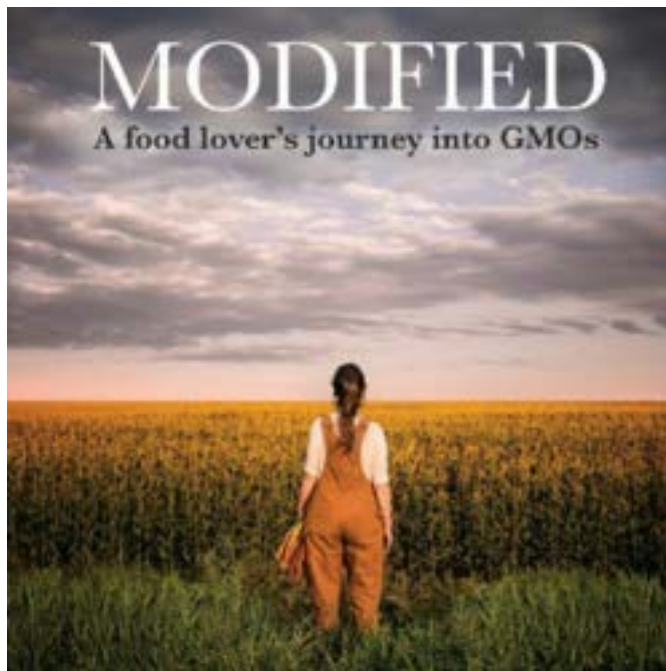
REFERENCE :

For one thing, **ever since the introduction of chemical farming and the use of GMOs on a global scale in 1996**, we have altered our natural surroundings to such an extent that we are decimating our innate immune system. (Remember that date: 1996.) As a result, autoimmune and other chronic diseases that at one time affected only a minute percentage of the general population are now exploding in prevalence. The timing of this surge is not lost on us: These diseases began afflicting humans in a big way beginning in, yes, 1996. It is not farfetched, then, to conclude that the profligate use of GMOs is related to the marked decline in human health over the past two-and-a-half decades.

I'll cite a few examples:

1 in 4 people worldwide now suffer from allergies; 1 in 3 in North America are obese; 1 in 2 women and 1 in 3 men in the US will **develop cancer** in their lifetime.

In addition, the developmental disability termed **autism spectrum disorder** has risen from 1 in 5,000 children in 1975 to 1 in 36 in 2016. If the current trend continues, we can expect to see 1 in 3 children plagued by autism by 2035. Meanwhile, in the same time period, we have seen a dramatic rise in other immune system disorders, such as Crohn's, celiac disease, Parkinson's (in men), Alzheimer's (in women), dementia, and type 1 diabetes.



GMO crops are sprayed with herbicides, such as Bayer's Roundup, which contains the active ingredient glyphosate and which is the most ubiquitous **cancer-causing** herbicide/antibiotic on the planet. In 2014, over 747 million kg of glyphosate was used **worldwide**. Now, a mere seven years later, that figure has more than doubled, to 2 billion kg. Being a water-soluble compound, glyphosate contaminates ground water everywhere, from China to North America. As if that weren't bad enough, glyphosate is also contaminating the air we breathe. A study from the **US Geological Survey** conducted in 2007 reveals that Roundup (aka

glyphosate) and its toxic by-product aminomethylphosphonic acid (AMPA) were found in over 75 percent of the air samples and rain samples tested in Mississippi in 2007.

Meanwhile, the longest river in the United States, the mighty Mississippi, and its hundreds of tributaries collect more than 80 percent of the Roundup sprayed on crops in the entire USA. The Mississippi River is also the recipient of thousands of other chemical pollutants that are dumped into it by petrochemical companies. It's no surprise that the people residing along the last 140 km stretch of the river, which runs through **Louisiana**—specifically in the Baton Rouge and New Orleans area—

have some of the highest rates of cancer in the entire world.

With the Roundup patent once owned by Monsanto (now Bayer) having expired in 2000, China has become the leading user and exporter of glyphosate in the world. In 2017, China exported over 300,000 tons of glyphosate globally. It turns out that Hubei Province, where the infamous Wuhan sits, is one of the leading users of glyphosate in China. The combined toxic effects of pork production, heavy manufacturing, and chemical farming in Hubei have made this region one of the most polluted places on earth. The once-diverse and clean ecosystem in Wuhan has been utterly ravaged by manmade pollutants and the massive use of glyphosate in industrial farming.

There is an indisputable link between the current high rate of cancer and the extensive use of glyphosates. Within a single generation, the rate of cancer diagnosed in men has doubled. Paralleling that rise, in the 25 years (roughly a generation) between 1990 and 2015, the toxicity of the environment also doubled.

Statistical data compiled by Nancy L. Swanson et al. in the [Journal of Organic Systems](#) provides overwhelming evidence of a precise correlation, from 1975 to 2010, between **glyphosate usage and the incidence of many different types of cancer**, including urinary/bladder cancer, liver cancer, thyroid cancer, and myeloid leukemia. The graphs presented in the Swanson study show that the increased prevalence of cancer perfectly overlaps the increased use of glyphosate.

Worldwide warnings from other scientists, doctors, and environmentalists abound. For instance, **Dr. Vandana Shiva**, an environmental and food sovereignty activist and ecofeminist based in Delhi, India, has been continually cautioning, in books and articles she pens and in speeches and interviews she gives around the world, that GMOs have ruined soil and plant life by inhibiting their ability to maintain microorganisms and minerals, such as zinc, iron, and magnesium, which are vital for immune response in animals and humans. In her [2012 opinion piece](#) titled "Myths About Industrial Agriculture," Dr. Shiva cited a 1995 study that found industrial agriculture (which began in 1965) to be responsible for 75 percent of the earth's biodiversity erosion, 75 percent of its water destruction, and 40 percent of its greenhouse gases, while producing only 30 percent of humans' food supply.