There is Absolutely NO Proof that GMO foods are Safe. There are many studies that show some of the GMOs are bad. Profit should not be more important than People. Here is some articles to explain more.

Must Watch: [http://indavideo.hu/video/GMO_food_studies](http://indavideo.hu/video/GMO_food_studies)
In November 2012, the *Journal of Food and Chemical Toxicology* published a paper titled *Long Term Toxicity of Roundup Herbicide and a Roundup-Tolerant genetically modified maize* by Gilles-Eric Seralini and his team of researchers at France’s Caen University. (source) It was a very significant study that made a lot of noise worldwide, the first of its kind under controlled conditions that examined the possible effects of a GMO maize diet treated with Monsanto’s Roundup Herbicide.

After the research was completed, it went through rigorous reviews, as well as a four month review process by scientists and researchers. It was eventually approved and published, only to be retracted by request of the Journal. Although hundreds of scientists around the world condemned the retraction, and the researchers addressed the criticisms, it was to no avail.

There is great news to report however, as this major GMO study has now been republished following its controversial retraction (under strong commercial pressure), with even more up to date information and a response to previous criticisms. You can read more about that [here](source).

The study has now been published by *Environmental Sciences Europe*. (source)

The chronic toxicity study examined the health impacts on rats of eating commercialized genetically modified (GM) maize, alongside Monsanto’s NK603 glyphosate-based herbicide Roundup.

The study found severe liver and kidney damage as well as hormonal disturbances in rats fed with GM maize in conjunction with low levels of Roundup that were below those permitted in most
drinking water across Europe. Results also indicated high rates of large tumors and mortality in most treatment groups.

The republished study also has a section describing the lobbying efforts of GMO crop supporters to force the retraction of the original publication. This is scientific fraud at its best. The authors express how the previous retraction was “a historic example of conflicts of interest in the scientific assessments of products commercialized worldwide.”

“We also show that the decision to retract cannot be rationalized on any discernible scientific or ethical grounds. Censorship of research into health risks undermines the value and the credibility of science, thus, we republish our paper.” – Seralini

“This study has now successfully passed through multiple rounds of rigorous peer review. Again, the study shows that Roundup-treated GM corn as well as the herbicide used on it increases cancer in rats. There are a number of studies that demonstrate the potential health risks of GM plants, this one in particular drew heavy criticism from industry scientists.

“The major criticisms of the Seralini manuscript were that the proper strain of rats was not used and their numbers were too small. Neither criticism is valid. The strain of rat is that which is required by the FDA for drug toxicology, and the toxic effects were unambiguously significant. In fact, Monsanto published a similar study in the same journal eight years before using the same number and strain of rats. Their study was for 90 days and claimed no harm. In contrast, the Seralini study was for two years and did not see any tumors until after nine months. Therefore, it is clear that the short 90-day feeding paradigm is not sufficiently long to detect the carcinogenic effects of GM products. It takes a long time before low-level exposure to environmental toxins affect health. For example, a recent associated press report documented the dramatic increase in birth defects and cancer in areas of Argentina that have grown GM soy for a decade. Given these facts, what was the justification of the editorial decision to retract the Seralini Manuscript?” (source)

**Other Studies Regarding GMOs and Herbicides**

There is a reason that multiple countries all over the world have been banning GMOs and the pesticides that go with them. More information is emerging everyday from scientists and researchers all over the world that clearly points to the fact that we just don’t know enough about GM’s to deem them totally safe for human consumption.

By slipping it into our food without our knowledge, without any indication that there are genetically modified organisms in our food, we are now unwittingly part of a massive experiment. The FDA has said that genetically modified organisms are not much different from regular food, so they’ll be treated in the same way. The problem is this, geneticists
follow the inheritance of genes, what biotechnology allows us to do is to take this organism, and move it horizontally into a totally unrelated species. Now David Suzuki doesn't normally mate with a carrot and exchange genes, what biotechnology allows us to do is to switch genes from one to the other without regard to the biological constraints. It's very very bad science, we assume that the principals governing the inheritance of genes vertically, applies when you move genes laterally or horizontally. There’s absolutely no reason to make that conclusion – Geneticist David Suzuki(source)

Below is an excerpt from a previous article I wrote. For more information on this subject you can use the search bar on our website to find what you are looking for.

1. Multiple Toxins From GMOs Detected In Maternal and Fetal Blood

Research from Canada (the first of its kind) has successfully identified the presence of pesticides - associated with genetically modified foods in maternal, fetal and non-pregnant women's blood. They also found the presence of Monsanto’s Bt toxin. The study was published in the Journal Reproductive Toxicology in 2011.(1) You can read the FULL study here.

“Given the potential toxicity of these environmental pollutants and the fragility of the fetus, more studies are needed, particularly those using the placental transfer approach. Thus, our present results will provide baseline data for future studies exploring a new area of research relating to nutrition, toxicology and reproduction in women. Today, obstetric-gynecological disorders that are associated with environmental chemicals are not known. Thus, knowing the actual concentration of genetically modified foods in humans constitutes a cornerstone in the advancement of research in this area.” (1)

The study used blood samples from thirty pregnant women and thirty non-pregnant women. The study also pointed out that the fetus is considered to be highly susceptible to the adverse affects of xenobiotics (foreign chemical substance found within an organism that is not naturally produced.) This is why the study emphasizes that knowing more about GMOs is crucial, because environmental agents could disrupt the biological events that are required to ensure normal growth and development.

2. DNA From Genetically Modified Crops Can Be Transferred Into Humans Who Eat Them

In a new study published in the peer reviewed Public Library of Science (PLOS), researchers emphasize that there is sufficient evidence that meal-derived DNA fragments carry complete genes that can enter into the human circulation system through an unknown mechanism.(2)
In one of the blood samples the relative concentration of plant DNA is higher than the human DNA. The study was based on the analysis of over 1000 human samples from four independent studies. *PLOS* is an open access, well respected peer-reviewed scientific journal that covers primary research from disciplines within science and medicine. It’s great to see this study published in it, confirming what many have been suspected for years.

“Our bloodstream is considered to be an environment well separated from the outside world and the digestive tract. According to the standard paradigm large macromolecules consumed with food cannot pass directly to the circulatory system. During digestion proteins and DNA are thought to be degraded into small constituents, amino acids and nucleic acids, respectively, and then absorbed by a complex active process and distributed to various parts of the body through the circulation system. Here, based on the analysis of over 1000 human samples from four independent studies, we report evidence that meal-derived DNA fragments which are large enough to carry complete genes can avoid degradation and through an unknown mechanism enter the human circulation system. In one of the blood samples the relative concentration of plant DNA is higher than the human DNA. The plant DNA concentration shows a surprisingly precise log-normal distribution in the plasma samples while non-plasma (cord blood) control sample was found to be free of plant DNA.” [2]

This still doesn’t mean that GMOs can enter into our cells, but given the fact GMOs have been linked to cancer (later in this article) it is safe to assume it is indeed a possibility. The bottom line is that we don’t know, and this study demonstrates another cause for concern.

### 3. New Study Links GMOs To Gluten Disorders That Affect 18 Million Americans

This study was recently released by the Institute for Responsible Technology (IRT), and uses data from the US department of Agriculture, US Environmental Protection Agency, medical journal reviews as well as other independent research. [3][4] The authors relate GM foods to five conditions that may either trigger or exacerbate gluten-related disorders, including the autoimmune disorder, Celiac Disease:

- Intestinal permeability
- Imbalanced gut bacteria
- Immune activation and allergic response
- Impaired digestion
- Damage to the intestinal wall
The Institute for Responsible Technology is a world leader in educating policy makers and the public about GMO foods and crops. The institute reports and investigates on the impact GM foods can have on health, environment, agriculture and more.

4. Study Links Genetically Modified Corn to Rat Tumors

In November 2012, The Journal of Food and Chemical Toxicology published a paper titled ‘Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize’ by Gilles-Eric Seralini and his team of researchers at France’s Caen University. (5)

It was a very significant study, which obviously looks bad for the big bio tech companies like Monsanto, being the first and only long term study under controlled conditions examining the possible effects of a diet of GMO maize treated with Monsanto roundup herbicide.

This study has since been retracted, which is odd, because the journal it was published in is a very well known, reputable peer reviewed scientific journal. In order for a study to be published here it has to go through a rigorous review process.

It’s also important to note that hundreds of scientists from around the world have condemned the retraction of the study. This study was done by experts, and a correlation between GMOs and these tumors can’t be denied, something happened.

The multiple criticisms of the study have also been answered by the team of researchers that conducted the study. You can read them and find out more about the study here.

GM Crop Production is Lowering US Yields and Increasing Pesticide Use

5. Glyphosate Induces Human Breast Cancer Cells Growth via Estrogen Receptors

A study is published in the US National Library of Medicine (4) and will soon be published in the journal Food and Chemical Toxicology. Several recent studies showed glyphosate’s potential to be an endocrine disruptor. Endocrine disruptors are chemicals that can interfere with the hormone system in mammals. These disruptors can cause developmental disorders, birth defects and cancer tumors. (6)

Glyphosate exerted proliferative effects only in human hormone-dependent breast cancer. We found that glyphosate exhibited a weaker estrogenic activity than estradiol. Furthermore, this study demonstrated the additive estrogenic effects of glyphosate and genistein which implied that the use of contaminated soybean products as dietary supplements may pose a risk of breast cancer because of their potential additive estrogenicity. (6)
Researchers also determined that Monsanto’s roundup is considered an “xenoestrogen,” which is a foreign estrogen that mimics real estrogen in our bodies. This can cause a number of problems that include an increased risk of various cancers, early onset of puberty, thyroid issues, infertility and more.

6. Glyphosate Linked To Birth Defects

A group of scientists put together a comprehensive review of existing data that shows how European regulators have known that Monsanto’s glyphosate causes a number of birth malformations since at least 2002. Regulators misled the public about glyphosate’s safety, and in Germany the Federal Office for Consumer Protection and Food Safety told the European Commission that there was no evidence to suggest that glyphosate causes birth defects. (7)

Our examination of the evidence leads us to the conclusion that the current approval of glyphosate and Roundup is deeply flawed and unreliable. In this report, we examine the industry studies and regulatory documents that led to the approval of glyphosate. We show that industry and regulators knew as long ago as the 1980s and 1990s that glyphosate causes malformation – but that this information was not made public. We demonstrate how EU regulators reasoned their way from clear evidence of glyphosate’s teratogenicity in industry’s own studies to a conclusion that minimized these findings in the EU Commission’s final review report (7)

Here is a summary of the report:

- Multiple peer-reviewed scientific literature documenting serious health hazards posed by glyphosate
- Industry (including Monsanto) has known since the 1980’s that glyphosate causes malformations in experimental animals at high doses
- Industry has known since 1993 that these effects could also occur at lower and mid doses
- The German government has known since at least 1998 that glyphosate causes malformations
- The EU Commission’s expert scientific review panel knew in 1999 that glyphosate causes malformations
- The EU Commission has known since 2002 that glyphosate causes malformations. This was the year DG SANCO division published its final review report, laying out the basis for the current approval of glyphosate

Another study published by the American Chemical Society, from the university of Buenos Aires, Argentina also showed that Glyphosate can cause abnormalities. (8)

The direct effect of glyphosate on early mechanisms of morphogenesis in vertebrate embryos opens concerns about the clinical findings from human offspring in populations exposed to glyphosate in agricultural fields (8)
7. Study Links Glyphosate To Autism, Parkinson’s and Alzheimer’s

When you ingest Glyphosate, you are in essence altering the chemistry of your body. It’s completely unnatural and the body doesn’t resonate with it. P450 (CYP) is the gene pathway disrupted when the body takes in Glyphosate. P450 creates enzymes that assist with the formation of molecules in cells, as well as breaking them down. CYP enzymes are abundant and have many important functions. They are responsible for detoxifying xenobiotics from the body, things like the various chemicals found in pesticides, drugs and carcinogens. Glyphosate inhibits the CYP enzymes. The CYP pathway is critical for normal, natural functioning of multiple biological systems within our bodies. Because humans that’ve been exposed to glyphosate have a drop in amino acid tryptophan levels, they do not have the necessary active signalling of the neurotransmitter serotonin, which is associated with weight gain, depression and Alzheimer’s disease. (9)

8. Chronically Ill Humans Have Higher Glyphosate Levels Than Healthy Humans

A new study out of Germany concludes that Glyphosate residue could reach humans and animals through feed and can be excreted in urine. It outlines how presence of glyphosate in urine and its accumulation in animal tissues is alarming even at low concentrations. (10)

To this day, Monsanto continues to advertise its Roundup products as environmentally friendly and claims that neither animals nor humans are affected by this toxin. Environmentalists, veterinarians, medical doctors and scientists however, have raised increasing alarms about the danger of glyphosate in the animal and human food chain as well as the environment. The fact that glyphosate has been found in animals and humans is of great concern. In search for the causes of serious diseases amongst entire herds of animals in northern Germany, especially cattle, glyphosate has repeatedly been detected in the urine, feces, milk and feed of the animals. Even more alarming, glyphosate was detected in the urine of the farmers. (10)

9. Studies Link GMO Animal Feed to Severe Stomach Inflammation and Enlarged Uteri in Pigs

A study by scientist Judy Carman, PhD that was recently published in the peer reviewed journal Organic Systems outlines the effects of a diet mixed with GMO feed for pigs, and how it is a cause for concern when it comes to health. (11) Scientists randomized and fed isowean pigs either a mixed GM soy and GM corn (maize) diet for approximately 23 weeks (nothing out of the ordinary for most pigs in the United States), which is unfortunately the normal lifespan of a commercial pig from weaning to slaughter. Equal numbers of male and female pigs were present in each group. The GM
diet was associated with gastric and uterine differences in pigs. GM pigs had uteri that were 25% heavier than non-GM fed pigs. GM-fed pigs had a higher rate of severe stomach inflammation with a rate of 32% compared to 125 of non-GM fed pigs.

The study concluded that pigs fed a GMO diet exhibited a heavier uteri and a higher rate of severe stomach inflammation than pigs who weren’t fed a GMO diet. Because the use of GMO feed for livestock and humans is so widespread, this is definitely another cause for concern when it comes to GMO consumption. Humans have a similar gastrointestinal tract to pigs, and these GM crops are consumed widely by people, especially in the United States.

10. GMO risk assessment is based on very little scientific evidence in the sense that the testing methods recommended are not adequate to ensure safety. (12)(13)(14)

Deficiencies have been revealed numerous times with regards to testing GM foods.

The first guidelines were originally designed to regulate the introduction of GM microbes and plants into the environment with no attention being paid to food safety concerns. However, they have been widely cited as adding authoritative scientific support to food safety assessment. Additionally, the Statement of Policy released by the Food and Drug Administration of the United States, presumptively recognizing the GM foods as GRAS (generally recognized as safe), was prepared while there were critical guidelines prepared by the International Life Sciences Institute Europe and FAO/WHO recommend that safety evaluation should be based on the concept of substantial equivalence, considering parameters such as molecular characterization, phenotypic characteristics, key nutrients, toxicants and allergens. Since 2003, official standards for food safety assessment have been published by the Codex Alimentarius Commission of FAO/WHO. Published reviews with around 25 peer-reviewed studies have found that despite the guidelines, the risk assessment of GM foods has not followed a defined prototype. (12) (15)

“The risk assessment of genetically modified (GM) crops for human nutrition and health has not been systematic. Evaluations for each GM crop or trait have been conducted using different feeding periods, animal models and parameters. The most common results is that GM and conventional sources include similar nutritional performance and growth in animals. However, adverse microscopic and molecular effects of some GM foods in different organs or tissues have been reported. While there are currently no standardized methods to evaluate the safety of GM
foods, attempts towards harmonization are on the way. More scientific effort is necessary in order to build confidence in the evaluation and acceptance of GM foods.” (12) (15)

Sources:

(All other sources not listed here are highlighted throughout the article)

http://www.enveurope.com/content/26/1/13


2) http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0069805

3) http://rt.com/usa/gmo-gluten-sensitivity-trigger-343/


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http://medicalexpose.org/
Cancer row over GM foods as study says it did THIS to rats... and can cause organ damage and early death in humans

- French team claim bestselling brand of GM corn caused tumours and multiple organ damage
- Leading scientists have questioned the study and its results, claiming it has 'no value'

By SEAN POULTER FOR MED Expose

Rats fed a lifelong diet of one of the bestselling strains of genetically modified corn suffered tumours and multiple organ damage, according to a controversial French study published today. Scientists said the results raised serious questions about the safety of GM foods and the assurances offered by biotech companies and governments.

The first lifetime trials involving rats fed on GM corn found a raised incidence of breast tumours, liver and kidney damage.

Dr Michael Antoniou, a molecular biologist at King’s College, London, and an expert on GM foods, said: ‘It shows an extraordinary number of tumours developing earlier and more aggressively – particularly in female animals. I am shocked by the extreme negative health impacts.’
The research was carried out by Caen University in France, and has been peer reviewed by independent scientists to guarantee the experiments were properly conducted and the results are valid.

It is the first to look at the impact of eating a GM diet over a lifetime in rats, which is two years. To date, safety assessments of GM crops have been based on rat feeding trials lasting 90 days.

The corn was genetically modified to withstand spraying with glyphosate, the main chemical in the weed-killer Roundup, developed by Monsanto. The idea is that the corn can be sprayed without being damaged, while weeds are destroyed.

The tests looked at the impact of several scenarios including eating the GM corn (NK603), eating the GM corn sprayed with Roundup, and consuming Roundup at low doses in water.

The results were compared against those for a control group fed a ‘clean’ diet without GM or Roundup.

Public concerns: A GM food protestor dressed as the grim reaper in a field of GM maize crops in Over Compton near Sherborne, Dorset

The researchers found:

- Between 50 to 80 per cent of female rats developed large tumours by the beginning of the 24th month, with up to three tumours per animal. Only 30 per cent of the control rats developed tumours
• Up to 70 per cent of females died prematurely compared with only 20 per cent in the control group
• Tumours in rats of both sexes fed the GM corn were two to three times larger than in the control group
• The large tumours appeared in females after seven months, compared to 14 months in the control group. The team said the tumours were ‘deleterious to health due to a very large size’, making it difficult for the rats to breathe and causing digestive problems. Significantly, the majority of tumours were detectable only after 18 months – meaning they could be discovered only in long-term feeding trials.

AGENT ORANGE TO KILL GM WEED

SUPERWEEDS created by GM farming are so rampant in the US that they can be killed only by flame throwers and a chemical used during the Vietnam war.

For the past decade, farmers have been growing millions of acres of genetically modified corn and soya designed to withstand the weedkiller Roundup, developed by Monsanto.

However, a number of weeds – including giant ragweed and pigweed, which can grow up to 10ft – have developed an immunity to it, leading to fields becoming useless for crops.

Farmers have now turned to gas-fired flame throwers and the chemical 2,4-D, a constituent of Agent Orange which was used to clear Vietnamese jungles.

It will be used in conjunction with a new GM crop designed to be resistant to 2,4-D.

The US department of agriculture has declared the chemical safe in farming but not everyone is convinced. Gary Hirshberg, an organic dairy farmer, said: ‘If consumers understood the chemical escalation out there, they would demand something different.’

Former “Pro-GMO” Research Scientist tells it like it is:

“I refute the claims of the biotechnology companies that their engineered crops yield more, that they require less pesticide applications, that they have no impact on the environment, and that they are safe to eat. The scientific literature is full of studies showing that engineered corn and soya contain toxic or allergenic proteins.”

Dr. Thierry Vrain, former research scientist for Agriculture Canada

Keep raising awareness, Thierry!
gmo-awareness.com
The study – led by molecular biologist Professor Gilles-Eric Seralini, a critic of GM technology, and published yesterday in US journal Food and Chemical Toxicology – said the GM corn and Roundup weedkiller ‘may cause hormonal disturbances in the same biochemical and physiological pathway’.

The Daily Mail’s Frankenstein Food Watch campaign has long highlighted problems with the lack of rigorous safety assessments for GM crops and food. Although GM corn is widely used in the US, British consumers have turned their backs on the technology because of concerns about its impact on human health and the environment. Although it is not available in British supermarkets, it is fed to farm animals including chickens, pigs and dairy cows.
Mustafa Djamgoz, professor of Cancer Biology at Imperial College, London, said the findings relating to eating GM corn were a surprise. 'We are what we eat,' he added. 'I work at the molecular level on cancer. There is evidence what we eat affects our genetic make-up and turns genes on and off. 'We are not scaremongering here. More research is warranted.'

Dr Julian Little, of the Agricultural Biotechnology Council, which speaks for the GM industry, insisted GM foods were safe, adding: 'The industry takes all health concerns regarding biotech food and feed very seriously.'

Anthony Trewavas, professor of cell biology at Edinburgh University, questioned the way the research had been conducted, saying the number of rats involved in the study – 200 – was too small to draw any meaningful conclusions.

'To be frank, it looks like random variation to me in a rodent line likely to develop tumours anyway,' he said.

He also claimed Professor Seralini was an anti-GM campaigner and that previous studies questioning the technology's safety had not withstood scrutiny.

Major doubts have been raised over the safety of GM foods by a new study which found they can cause tumours and organ damage in mice.
“Any politician or scientist who tells you these [GMO] products are safe is either very stupid or lying.”

- David Suzuki, CC, CBC, Ph.D. LL.D., Geneticist

U.S. House
Funding Federal Govt. After Sept. 30
Final Passage Vote - bill funds government through Dec. 15; eliminates all funding for Health Care Law

ON PASSAGE
H. Res. 59
YEAS 273
NAYS 160
REPUBLICAN 228
DEMOCRATIC 160
INDEPENDENT 14
TOTA LS 230 189
TIME REMAINING 0:00

Alert: House votes to fund Govt until Dec. 15: Defund Health Care Law

It’s time to FIGHT BACK!
Vote in Senate on Monday!

FoodDemocracyNow.org
#StopMonsanto #LabelGMOs
GMO Toxins Multiply and Grow out of Control

Morgellon scabies have sex under your skin and multiply

Glyphosate and Autism*

![Graph showing correlation between glyphosate use and autism](http://www.examiner.com/article/data-show-correlations-between-increase-neurological-diseases-and-gmos)

Pearson Correlation Coefficient = 0.99

Fact:
6 Years after GMOs were introduced into the American food supply, the number of hospitalizations related to food allergies increased by a whopping 263%.

And allergy rates are still rising.

400% increase in allergies since GMOs were introduced.

My Child's Allergic Reaction Before and After Going GMO Free for 4 months

**DAY 1 OF EXPOSURE**
Red line around mouth, painful swelling and lasts 2 weeks.

**DAY 1 OF EXPOSURE AFTER GOING GMO FREE FOR 4 MNTHS**
Very faint pink line under lip, mild dry lips lasting 2 days.

Inflammation caused by allergies can cause stomach ulcers, which can cause stomach cancer. I believe we could be preventing him from stomach cancer by going GMO Free. He gives his permission to use this photo publicly.

For more information about GMOs go to www.momsacrossamerica.com

Medical EXPOSE

http://medicalexpose.org/
New Study
GMO Insulin May Cause Type 1 Diabetes
In certain Type 2 Diabetics resulting in Double Diabetes

Small sample size but big results.
GMO insulin may double your diabetic trouble.
Laboratory tests by the Russian National Academy of Sciences reported that more than half the babies from mother rats fed GM soy died within three weeks. The babies in the GM group were also smaller and could not reproduce. Rats fed a commercial rat chow using GM soy within two months had infant mortality facility-wide reaching 55%.

“Globalized industrialized food is not cheap: it is too costly for the Earth, for the farmers, for our health.”

-Dr Vandana Shiva