

GMO Linked to Celiac Disease
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<http://glutenfreerecipebox.com/gmo-causes-celiac-disease>

As stated in my article [Celiac Disease Vaccine Slated for 2017](#), three peptides (proteins) have been identified as the cause of the negative reaction to gluten in those with celiac disease. The research team that discovered this was led by gastroenterologist, Robert Anderson of the Walter and Eliza Hall Institute of Medical Research in Australia.

Science News first announced the 3 peptide discovery in their August 14th, 2010 issue of, "Separating wheat from chaff in celiac disease". The [Institute of BioAcoustic Biology](#) and [Sound Health](#) were mid their own research, and this new announcement was like finding a needle in a haystack.

They discovered that these peptides were linked to nearly all systems in our bodies which distorts our immune system, inflames cells, and disrupt cell communication.

The three proteins that were discovered to be the problem are w-5 gliadin (wheat), g-3 hordein (barley) and g secalins (rye). These proteins are proven to cause allergic reactions; and are derived from gluten grains.

As you may already know, many of our grains are GMO (genetically modified organism). This means that the seeds that are planted are modified. In 1986 seeds were modified and tested to prevent damage from frost. In 1996 approval was given to cultivate GMO plants in the U.S. and Canada for commercial use. Currently, they are being modified so they will be resistant to weed pesticides (weed killers).

GMO cultivated crops are used in feed for animals, as well as our produce and grains. The main crops are wheat, corn, soy and cotton. Of the three, corn is the largest, with a very high percentage of GMO crops in the U.S. Corn is found in most packaged food, as it is a cheap commodity. One megacorp is responsible for majority of our corn crop.

The U.S. Department of Agriculture reports that in 2011, U.S. farmers plan to plant 3.99 million (4.5 percent) more corn acres [88.66 million acres], 58.0 million acres of wheat, and 76.6 million acres of soybean.

In terms of consumable GMO planted acres, soybeans have been the most widely adopted GE crop in the U.S., followed by corn. See chart below (though it does not represent the figures correctly that the USDA recently published, above).

U.S. Department of Agriculture, July 2011

BioAcoustic Biology discovered not only are these modified seeds harming all to us, but that the specific triggers (gluten sensitivities) that were identified were associated with celiac disease and many other conditions.

GMO grains contain two substances that distort the way our bodies processes two sulfur rich amino acids: proline and glutamine. Disturbances in these amino acids result in the impedance of how are bodies process heavy metals, regulate genes, and regulate protein function.

Their research showed distortion of glutamine to be the most destructive. In order for our bodies to metabolize (process) glutamine, it needs glutamate decarboxylase (GAD), which is the most abundant neurotransmitter in the vertebrate nervous system. In humans and other mammals, there are 2 types of GAD, GAD1 (affects the brain) and GAD2 (affects the brain and pancreas).

This caused BioAcoustic Biology to then evaluate the GAD genes. They discovered that when these genes are activated neurotransmitters (tiny transmitters) in conjunction with GAD metabolism, showed direct association with **celiac disease**, and a host of conditions: diabetes, autism, arthritis, Parkinson's, Lou Gehrig's disease (ALS), Multiple Sclerosis (MS), joint pain and deterioration, hearing disorders, Crohn's disease, irritable bowel syndrome (IBS), diverticulitis (swelling and inflammation in the intestinal wall), schizophrenia, bipolar, anxiety disorders, aspartame sensitivity, MSG sensitivity, lupus, fibromyalgia, depression, seizures, brain signaling, cancer, seasonal allergies, cellular inflammation and vaccination reactions.

They also mention that glutamate is equivalent to aspartame and is part of MSG (monosodiumglutamate). MSG is found in so many of our processed food and is also found in some vaccines which they feel may be the reason there is an increase in the onset of autism (brain damage, in this case) following vaccinations. And Aspartame has been implicated in multiple muscle and joint disorders.

In summary, glutamine is one of the proteins found in GMO seeds which turns into plants (food) we and animals we eat consume. Glutamine is destroying our health! When will our government do something about it? When are voices are heard! Write your [Congressman](#) and [Senators](#) today! I just did:

Dear Congressman _____,

I write to you today to express my concern of GMO/GE food. There are several studies that correlate health damage to GMO, however, I do not depend upon those studies. It's just common sense. Perhaps you eat organics, as well. In a recent study, it was discovered that the proteins added to GMO seeds cause a host of illnesses. The recent study I read can be found at <http://www.soundhealthinc.com/pdf/gmo.pdf>.

I implore you to see to it that Americans are protected. Under the Human Rights Act we shall have a right to life. And GMO is slowly taking that right away.

Sincerely,

Carla Spacher

References:

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