

Glyphosate is toxic to aquatic invertebrates and human reproduction

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UNVEILING THE GLYPHOSATE CONSPIRACY¹

- Evidence now suggests taxpayers' money has been used to shield Monsanto and other pesticides companies from liability and obstruct consumers' ability to prove damages.
- Jess Rowland, former associate director of EPA's Office of Pesticide Programs, appears to have aided and protected Monsanto's interests. Legal teams are now requesting that he be ordered to supply information about his work to ascertain the quid pro quo relationships.
- Rowland's post-EPA work includes consulting for three chemical companies and that work involves a chemical in all three instances. All three companies are also close associates of Monsanto.

The European Commission is clearly part of this glyphosate conspiracy. In that case I have to reluctantly accept that ECHA must be an accessory to it

"Moreover, if an independent testing facility were to manipulate the results of any studies, they would risk their credibility and suffer legal consequences – both of these harmful for their business." I was almost convinced by your last statement that ECHA had principles.

The ECHA RAC does not classify glyphosate as a carcinogen.²

"ECHA's Committee for Risk Assessment (RAC) agrees to maintain the current harmonised classification of glyphosate as a substance causing serious eye damage and being toxic to aquatic life with long-lasting effects. RAC concluded that the available scientific evidence did not meet the criteria to classify glyphosate as a carcinogen, as a mutagen or as toxic for reproduction".

But glyphosate is 'toxic to aquatic life with long-lasting effects'

How can the BfR, EFSA and the EU Commission re-authorize a chemical with such widespread use **that is toxic to aquatic life?** Only if they have been paid to by the GTF?

Invertebrate declines in rivers in 2016: a disastrous year for salmon and trout in Wales³

Leading fisheries charity, Salmon & Trout Conservation UK (S&TC UK) has brought forward its programme of river invertebrate monitoring on three rivers in Wales to support efforts by Natural Resources Wales (NRW), who are investigating the unprecedented threats facing rivers and salmon stocks in Wales. Shockingly, a recent report identifies that 61 per cent of Wales' water bodies do not meet 'Good Ecological Status' as required under the Water Framework Directive (WFD). Earlier this year, S&TC UK's Riverfly Census in England, revealed that many rivers and chalk streams across the country were in a poor state because of pollution caused by human pressure, ranging from sewage treatment works, septic tanks and agricultural run-off to abstraction and degraded river habitats.

¹ <http://articles.mercola.com/sites/articles/archive/2017/05/10/glyphosate-conspiracy.aspx>

² <https://echa.europa.eu/-/glyphosate-not-classified-as-a-carcinogen-by-echa>

³ <http://www.salmon-trout.org/river-invertebrates-could-hold-the-key-to-abysmal-state-of-rivers-in-wales/news/403>

Glyphosate on Giant Hogweed by rivers as well as Japanese Knotweed in the valleys

There was an NRW document about the River Usk.⁴ On page 12 it described the problem of another invasive weed, Giant Hogweed. *"Five spray teams are working on the project from Environment Agency Wales (now Natural Resources Wales). Extensive control work has continued in the growing season along the river between Crickhowell and Newbridge-on-Usk since 2006. A number of Forum events have been organised periodically to update and involve local riparian owners and river users on the progress of the project."* This was presumably Roundup/Dakar Pro.

On Page 55 of another NRW document there was a paragraph marked Evidence Gaps:⁵ *"Impacts of new and emerging chemicals and substances, such as neonicotinoid pesticides, nanoparticles and pharmaceuticals, on water quality and ecology."*

Neonicotinoid insecticides are not new

They were introduced in 1994. There is plenty of independent evidence that seeds coated with these insecticides act by causing virtually irreversible blockage of postsynaptic nicotinic acetylcholine receptors (nAChRs) in the central nervous systems of insects.⁶ They too poison aquatic invertebrates, fish and birds.⁷

Page 4: *"A single corn kernel coated with a neonicotinoid can kill a songbird. Even a tiny grain of wheat or canola treated with the oldest neonicotinoid, imidacloprid, can poison a bird. As little as 1/10th of a corn seed per day during egg-laying season is all that is needed to affect reproduction with any of the neonicotinoids registered to date."*

Page 9: *"It is clear that we are witnessing contamination of the aquatic environment at levels that will affect aquatic food chains. This has a potential to affect consumers of those aquatic resources, be they birds, fish or amphibians."*

19/12/2016 At least 1,000 fish have been killed following pollution of the River Teifi in Ceredigion, Natural Resources Wales has said.⁸



Photographer: Steffan Jones. Caption: Dead fish can be seen in the river
Environmental officers said the water has been discoloured and believe the source was an agricultural site in the Tregaron area. Salmon and sea trout are among the dead fish and

⁴ http://www.naturalresources.wales/media/679394/2016_updated_usk_catchment_summary_nrw.pdf

⁵ <http://www.naturalresources.wales/media/679427/annex-chapter-3-final-for-publication.pdf>

⁶ Tennekes, H.A. *The Systemic Insecticides: a Disaster in the Making* (2010).

⁷ http://abcbirds.org/wp-content/uploads/2015/05/Neonic_FINAL.pdf

⁸ <http://www.bbc.co.uk/news/uk-wales-mid-wales-38366208>

NRW said the number was "rising". Control measures have been put in place to stop the pollution spreading. The pollution was first reported on Saturday, with work on going to assess its extent. The group Sea Trout Wales said salmon and sea trout were "already at critically low levels" in the river.

31/03/2017 River Teifi salmon shortage reaching 'crisis point' Coracle fishermen have said they will start returning any salmon they catch because of concerns about fish stocks.⁹

Natural Resources Wales figures show a decline in numbers, with just over 40 declared net catches on the river in 2015 compared to about 115 in 2014. Declared rod catches were down from 300 in 2014 to just over 200 in 2015. An NRW spokesman said the situation was approaching crisis point.

Where have all the insects gone: 2013?¹⁰ Does an AAAS scientist protect industry in 2017?

"Now, a new set of long-term data is coming to light, this time from a dedicated group of mostly amateur entomologists who have tracked insect abundance at more than 100 nature reserves in western Europe since the 1980s. Over that time the group, the Krefeld Entomological Society, has seen the yearly insect catches fluctuate, as expected. But in 2013 they spotted something alarming. When they returned to one of their earliest trapping sites from 1989, the total mass of their catch had fallen by nearly 80%. Perhaps it was a particularly bad year, they thought, so they set up the traps again in 2014. The numbers were just as low. Through more direct comparisons, the group—which had preserved thousands of samples over 3 decades—found dramatic declines across more than a dozen other sites." The author of the article Gretchen Vogel of AAAS said: "Working with researchers at several universities, society members are looking for correlations with weather, changes in vegetation, and other factors. No simple cause has yet emerged...No one can prove that the pesticides are to blame for the decline." But a translation of the original Krefeld 2013 paper has emerged: "grassland had been treated with herbicides and on farmland similar pesticides were used, and pesticide-coated seeds were also planted."¹¹

The judges of the Monsanto Tribunal had something to say about ECHA

In brief, the five judges of the Monsanto Tribunal¹² agreed that:

- **Monsanto has violated human rights to food, health, a healthy environment and the freedom indispensable for independent scientific research.**
- **'ecocide' should be recognized as a crime in international law.**
- **human rights and environmental laws are undermined by corporate-friendly trade and investment regulation.**

Extract from top of page 3: "Thirdly, the use of GMO seed raises multiple questions. There is a distinct lack of scientific consensus about the impacts of GMOs on human health. The controversy is embedded in a context of opacity on GMO studies, and even on the inability of researchers to conduct independent research. The "Monsanto Papers" cast light on practices of systematic manipulation of scientific studies, and on the influence exerted on experts by Monsanto. There is no political consensus on the cultivation of GMOs either. The UN Special Rapporteur on the Right to Food, an independent expert, calls for the need to follow the precautionary principle at the global level. The Tribunal concludes that Monsanto has

⁹ <http://www.bbc.co.uk/news/uk-wales-south-west-wales-39445368>

¹⁰ <http://www.sciencemag.org/news/2017/05/where-have-all-insects-gone>

¹¹ <http://www.bouldercountybeekeepers.org/wp-content/uploads/2016/02/Orbrioch-Nature-reserve.pdf>

¹² http://www.monsanto-tribunal.org/upload/asset_cache/1016160509.pdf

engaged in practices that negatively impacted the right to health.”

In an opinion issued on the 15th of March 2017 and related to the classification of glyphosate, the European Chemicals Agency (ECHA) indeed estimated that this product could not be classified as a carcinogen, as a mutagen or as toxic for reproduction. The Tribunal however stresses that this classification does not take into account the risks of exposure, with residues found in food, drinking water and even in human urine.

Why did ECHA RAC conclude that the available scientific evidence did not meet the criteria to classify glyphosate as toxic to reproduction?

When carrying out the Renewal Assessment Report (RAR) for glyphosate, BfR committed far more crimes against humanity than just scientific fraud: they intentionally allowed GTF to delete many papers worldwide that showed that glyphosate caused birth defects and cancers, and those that provided evidence of bioaccumulation

Even the ones that were allowed, BfR managed to exclude them by saying that they didn't meet the Klimisch criteria: these criteria were devised by Klimisch, a BASF scientist, in 1997 and was a method of assessing the reliability of toxicological studies for regulatory purposes. By this method BfR eliminated the work that Monsanto feared the most (apart from the rat feeding studies of Séralini and his colleagues¹³ that were reported by EFSA and Monsanto to be fraudulent) was that by Prof Andrés Carrasco and his team in Buenos Aires that showed that glyphosate caused malformations in amphibian and chicken embryos.¹⁴

In the RAR for glyphosate a total of 18 peer-reviewed publications showing reproductive toxicity were ranked 3 – not reliable.

The RAR comments on the study by Paganelli *et al.*¹⁵ were very illuminating as to the deceitful methods employed by BfR. This was the classic study from Professor Andrés Carrasco in the University of Buenos Aires that showed embryological evidence in frogs and chicks, of what was happening to human embryos in the Crop-sprayed towns of Argentina.

The study reported endocrine disruption but was deemed “*not reliable*”. The RAR commented: “*Non-Guideline study that is not sufficiently described for assessment - Inadequate positive and negative control experiments. Irrelevant routes of exposure and inappropriately high doses. Test system not adequate for human risk assessment*”. [Volume 3 Annex B.6.1, p 669] Furthermore, “***multiple high quality toxicity studies and expert review panels consistently agree glyphosate is not a teratogen or reproductive toxicant. The author's justification for this research is flawed, providing no valid basis, other than an opinion, of an increase in the rate of birth defects in Argentina. Direct injection of frog embryos and through chick egg shells do not reflect real world exposure scenarios to either environmental species or humans.***”¹⁶ In fact there were several papers on the increasing rate of birth defects in South America but the GTF had excluded them.

Birth defects in seven regions of Argentina

¹³ <http://en.europe.springeropen.com/articles/10.1186/s12302-014-0014-5>

¹⁴ <https://www.ncbi.nlm.nih.gov/pubmed/20695457?platform=hootsuite>

¹⁵ Paganelli, A. *et al.* Glyphosate-Based Herbicides Produce Teratogenic Effects on Vertebrates by Impairing Retinoic Acid Signaling *Chem. Res. Toxicol.*, 2010, 23 (10), 1586–1595. DOI: 10.1021/tx1001749 <http://pubs.acs.org/doi/abs/10.1021/tx1001749>

¹⁶ http://www.i-sis.org.uk/Scandal_of_Glyphosate_Reassessment_in_Europe.php

A report of the many types of birth defects in seven geographical areas of Argentina¹⁷ was excluded from the BfR glyphosate re-assessment (it was in Spanish, but with an English abstract). A sample of 21,844 new born with birth defects was selected, ascertained from 855,220 births, between 1994 and 2007, in 59 hospitals belonging to the ECLAMC network. Extracts: “High frequencies regional analysis showed the following significant results: *PAM*: severe hypospadias; *CEN*: spina bifida, microtia, cleft lip with cleft palate, polycystic kidney, postaxial polydactyly and Down syndrome; *CUY*: postaxial polydactyly; *NOA*: omphalocele, gastroschisis, cleft lip without cleft palate, cleft lip with cleft palate, anorectal atresia/stenosis, indeterminate sex, preaxial polydactyly and pectoral agenesis; *PAT*: cleft lip without cleft palate.” [Metropolitana (MET); Pampa (PAM); Centro (CEN); Cuyo (CUY); Noroeste (NOA); Nordeste (NEA) and Patagonia (PAT)].

Monsanto (or Monsanto lobbyists) took drastic action to stop the public presentation of Prof Andrés Carrasco’s paper

Monsanto was sufficiently worried about the damaging nature of this research into glyphosate that they stopped the presentation of this paper to the residents of Crop-Sprayed Towns of Argentina many of whom had experienced birth defects and cancers that had been ignored by local health officials. On 7th August 2010 Professor Andrés Carrasco, lead embryologist at the University, Buenos Aires Medical School and the Argentinean National Research Council, came to give a talk about his research to community activists and residents gathered in La Leonesa. His research showed that glyphosate, an agrochemical used on genetically modified soy and rice in Argentina, causes birth defects in animal embryos at levels far below those frequently used in agricultural spraying. A delegation of public officials and residents from the nearby community of Resistencia also came to La Leonesa to hear the talk.¹⁸ “But it never took place. As the delegation walked towards the school where the talk was to be held, it was attacked by a violent mob of approximately 100 people. Three people were seriously injured. Carrasco and a colleague shut themselves in a car and were surrounded by people beating the vehicle for two hours. Witnesses believe that a local rice producer and officials had organised the attack to protect agribusiness interests. As the police seemed reluctant to intervene, Amnesty International¹⁹ subsequently called for an investigation.”

The Amnesty International investigation established that: “One person has since suffered from lower body paralysis after being hit on his spine, and another is undergoing neurological examinations after receiving blows to the head. The former provincial Sub-Secretary of Human Rights, Marcelo Salgado, was struck in the face and left unconscious. Dr Carrasco and his colleague shut themselves in a car, and were surrounded by people making violent threats and beating the car for two hours. Members of the community were injured and a journalist’s camera equipment was damaged.

¹⁷ <http://www.ncbi.nlm.nih.gov/pubmed/21132229> [Births prevalence of 27 selected congenital anomalies in 7 geographic regions of Argentina]. [Campaña H](#)

¹⁸ http://www.theecologist.org/blogs_and_comments/commentators/other_comments/686959/revealed_the_glyphosate_research_the_gm_soy_lobby_doesnt_want_you_to_read.html

¹⁹ <http://www.amnesty.org/en/library/asset/AMR13/005/2010/en/303e9ee6-9138-405f-97fc-ed58965b76d0/amr130052010en.html>

Dirk Detken, Senior Attorney to EFSA, failed to reply to my letter of 22 October 2012
Subject: EFSA and the Séralini paper on rat tumours²⁰

I quote extracts from the text: *"I have been following the argument about the science and statistics of the Séralini study (on GM Roundup Ready Maize and rat tumours) between GM industry scientists and independent ones with mounting incredulity. I am not a toxicologist or a statistician. I am a medical doctor.*

Latin America. As Senior Attorney to EFSA, I presume that your CEO Ms Catherine Geslain-Lanuëlle must, on occasions, take your advice. Perhaps you would like to point out to her the trail of disasters to human health and the environment that has followed the planting of GM maize and Roundup® Ready crops in both Latin America and the US since they were first grown in 1996. These statistics are real, not theoretical laboratory ones. Are these the disasters that she would want to see repeated in Europe? Does she want to reject outright the Séralini study on rats and continue to insist that 90 days testing is adequate for the registration of GM crops? The first rat tumours in Séralini's study appeared in males at 4 months. In 2010, at a physician's meeting in Cordoba, it was reported that the whole farming area in which GM crops had been grown (14 provinces in Argentina and one in Paraguay) there were increases in cancers, birth defects, reproductive and endocrine disorders.

In 2015, the German Government summoned Prof Dr Andreas Hensel (President of BfR) before the Committee on Agriculture and Food; they accused BfR of scientific fraud by using GTF statistics

The report says that BfR stands *"accused of endangering the population"* and also of *"intentional falsification of the content of scientific studies"*. The statistical dodge employed by the German authorities to defend glyphosate was the subject of an explosive in-depth news report that aired on German TV last October (2015) in the midst of deliberations by EU authorities on whether to re-authorize the chemical.

German Toxicologist Dr Peter Clausning gave evidence at the International Monsanto Tribunal

*"Ample evidence has been provided above showing that European Authorities twisted or ignored scientific facts and distorted the truth to enable the conclusion that glyphosate is not to be considered a carcinogen, thereby accepting and reinforcing the false conclusion proposed by the Monsanto-led GTF. The German Federal Institute for Risk Assessment (BfR) and the European Food Safety Authority (EFSA) committed scientific fraud."*²¹

In his evidence to the Tribunal, Clausning systematically demolished arguments that the EU authorities used to dismiss the significant findings of glyphosate-induced malignant lymphoma in mouse carcinogenicity studies.²² The complete recordings from the International Monsanto Tribunal are now available. Below is the link to Dr Peter Clausning's presentation: his is the third on page 8.²³

²⁰ <https://gmandchemicalindustry9.wordpress.com/glyphosate/european-food-safety-authority-and-the-seralini-paper-on-rat-tumours/>

²¹ <http://www.gmwatch.org/news/latest-news/17307-german-toxicologist-accuses-eu-authorities-of-scientific-fraud-over-glyphosate-link-with-cancer>

²² http://www.pan-germany.org/download/Memo_Monsanto-Tribunal_Peter_Clausning_10_2016.pdf

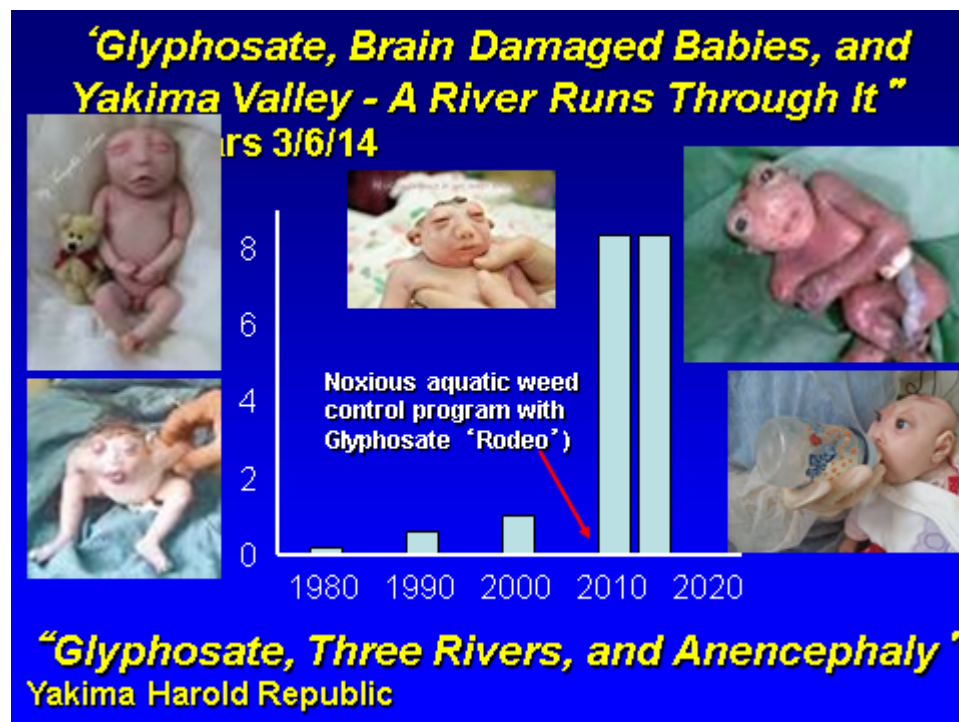
²³ <https://vimeo.com/channels/mten/page:8>

Hazard Notice on label: 'Avoid direct application of Roundup® to any body of water'

Glyphosate was used for 3 years in rivers in Washington State (Legal Status of Noxious Weeds²⁴). However, in 1996 the Attorney General of the State of New York Consumer Frauds and Protection Bureau, Environmental Protection Bureau had convicted Monsanto for false advertising with regard to the safety of Roundup® herbicide, including its use in water. Monsanto's claims contradicted the following statements required on the EPA-approved label for Roundup® at the time the claims were made: ENVIRONMENTAL HAZARDS Avoid direct application to any body of water.²⁵

In the US, Benton County's 3-year control of river weeds; is it linked to the fatal birth defect anencephaly?

Washington State has a Noxious Weed Control Board and glyphosate is the main herbicide recommended for noxious weed eradication. Benton County Herbicide treatment started in the Yakima River in 2010 and continued for 3 years without monitoring glyphosate levels in water.²⁶ Three Washington Counties (Yakima, Benton and Franklin) sharing the same irrigation water for agriculture, reported a high number of pregnancies resulting in a fatal birth defect, anencephaly.²⁷ The cause was 'a mystery' to state health officials.²⁸



Barbara Peterson (Farmwars) gave permission to use her illustration of the use of glyphosate in the Yakima Valley, Washington County

²⁴

<http://agr.wa.gov/plantsinsects/weeds/npdespermits/docs/IPMFreshwaterEmergentNoxiousQuarantineList edWeeds.pdf>

²⁵ <http://www.mindfully.org/Pesticide/Monsanto-v-AGNYnov96.htm>

²⁶

<http://agr.wa.gov/plantsinsects/weeds/npdespermits/docs/IPMFreshwaterEmergentNoxiousQuarantineList edWeeds.pdf>

²⁷ <http://farmwars.info/?p=11137>

²⁸ <http://abcnews.go.com/Health/washington-state-health-officials-stumped-high-rate-birth/story?id=19687592>



A baby with a neural tube defect; this is a meningo-myelocoele. More extensive defects can occur. Hospital de Posadas, Misiones, Argentina. Photograph by kind permission of Dr Graciela Gomez.



Julieta, who died aged 7 months from multiple abnormalities in 2010
Bandera Santiago del Estero
Photograph by kind permission of Dr Graciela Gomez

GMO Pesticides Used in South American GMO-Based Agriculture: A Review of Their Effects on Humans and Animal Models²⁹

Genetically-Engineered Corn and Roundup®-Ready Soya were introduced into the rural towns of Argentina and Paraguay in 1996. The devastation of human and animal health and biodiversity is described in this chapter: *“In South America, the incorporation of genetically modified organisms (GMO) engineered to be resistant to pesticides changed the agricultural model into one dependent on the massive use of agrochemicals. Different pesticides are used in response to the demands of the global consuming market to control weeds, herbivorous arthropods, and crop diseases. Here, we review their effects on humans and animal models, in terms of genotoxicity, teratogenicity, and cell damage. We also stress the importance of biomarkers for medical surveillance of populations at risk.*

Cancer and detrimental reproductive effects in an Argentine agricultural community environmentally exposed to glyphosate³⁰

“Over the last 20 years, industrial agriculture in Argentina has expanded by almost 50 %, taking over regions intended for other productions, for family farming, and most of all, forests. More and more children are born with defects in these areas, especially if the first months of pregnancy coincide with the time of spraying. Down’s syndrome, spina bifida,

²⁹ Lopez, S.L. *et al* GMO Pesticides Used in South American GMO-Based Agriculture: A Review of Their Effects on Humans and Animal Models. In *Advances in Molecular Toxicology*, Vol. 6, 201 published by Elsevier: ISSN 1872-0854 <http://www.sciencedirect.com/science/article/pii/B9780444593894000021>

³⁰ <http://www.amsi.ge/jbpc/31515/15-3-abs-2.htm>

myelo-meningocele (neural tube defect), congenital heart disease, etc. are diagnosed more frequently in those areas; in some towns and during some years, at triple the normal rates, and directly linked to increased pesticide applications around the towns... Neural tube defects are among the most common developmental birth defects observed, which is consistent with lab studies and farm observations... The model of agricultural production foisted on Argentina by international biotechnology companies has led to 858 % increase in the amount of pesticides used per year, resulting in a massive environmental and health impact in the region. Glyphosate is the most commonly used toxic agrochemical in Argentina, comprising 64 % of total sales, and 200 million litres of glyphosate were applied during the last crop season... The clinical manifestations that physicians working in the crop-sprayed towns find in patients are consistent with the results of scientific research on the effects of various pesticides including glyphosate on experimental animals. Laboratory research by our Scientists show how glyphosate acts on embryonic development to produce birth defects, and how this poison damages DNA molecules in the cell nucleus, promoting mutant cell lines that will cause cancer if they cannot be eliminated by the individual."

Fig 1 shows: The rise in birth defects correlates with the rise in cultivation of GM glyphosate-tolerant soybeans in Chaco, Argentina. Birth defects per 10 000 live births increased from approx. 15/10,000 live births in 1997 to approx. 82/10,000 live births in 2008.

They produced evidence of *in vitro* genotoxicity of an environmental metabolite of glyphosate (AMPA) in humans as assessed by the Comet assay and cytogenetic tests.

Belgium, your own country, bans glyphosate for non-professionals³¹

Willy Borsus, Belgium's Federal Minister for Agriculture, surprise move follows prominent coverage in the European [press](#) of the internal Monsanto documents (the so-called [Monsanto papers](#)) emerging out of the cancer litigation in the United States.

ECHA must be aware that the press in Europe are writing about the 'Monsanto Papers'³² *"More than 50 lawsuits against Monsanto Co. are pending in U.S. District Court in San Francisco, filed by people alleging that exposure to Roundup herbicide caused them or their loved ones to develop non-Hodgkin lymphoma, and that Monsanto covered up the risks."* The 'Monsanto Papers' refers to 40 court documents and 24 Reporting analyses and other related documents which incriminate Monsanto in 'ghostwriting' documents and hiring academics to sign them. Jess Rowland US EPA also [allegedly told](#) a Monsanto executive that he would try to prevent a separate government probe of glyphosate, saying: *"If I can kill this, I should get a medal"* and the letter from the late Marion Copley.³³

The sixth mass extinction and chemicals in the environment: our environmental deficit is now beyond nature's ability to regenerate.

In 2015 Colin Todhunter, a freelance journalist, wrote about a paper that I had published in the *Journal of Biological Physics and Chemistry*.³⁴

Colin says that the particular article that he wrote,³⁵ based on my paper, reached 40,000 readers around the world from *Global Research* alone. It was translated into French and had 6,000 readers. It was reproduced on at least 18 other websites in English. Colin says that with him as my 'messenger', my articles reach out to many hundreds of thousands of people around the world. So, the fact that the UK, European and US Pesticides Regulators are

³¹ <http://sustainablepulse.com/2017/05/03/belgium-bans-glyphosate-herbicide-use-for-non-professionals/#.WRNYERSFDzI>

³² <https://usrtk.org/pesticides/mdl-monsanto-glyphosate-cancer-case-key-documents-analysis/>

³³ <https://www.organicconsumers.org/sites/default/files/marioncopleyletter.pdf>

³⁴ <http://www.amsi.ge/jbpc/31515/15-3-abs-5.htm>

³⁵ <http://www.globalresearch.ca/poisoned-agriculture-depopulation-and-human-extinction/5487010>

colluding with the agrochemical corporations is common knowledge globally...**apart from in the UK and the US.**

Report presented to UN Human Rights Council about the Right to Food³⁶

Global Agricultural Corporations are severely criticised by Hilal Elver the UN Special Rapporteur on the right to food. The Report presented to the UN human rights council on 08/03/2017 is severely critical of the global corporations that manufacture pesticides, accusing them of the “*systematic denial of harms*”, “*aggressive, unethical marketing tactics*” and heavy lobbying of governments which has “*obstructed reforms and paralysed global pesticide restrictions*”. The report authored by Hilal Elver the UN Special Rapporteur on the right to food and co-authored by Baskut Tuncak, the UN’s special rapporteur on toxics, says pesticides have “*catastrophic impacts on the environment, human health and society as a whole*”, including an estimated 200,000 deaths a year from acute poisoning. Its authors said: “*It is time to create a global process to transition toward safer and healthier food and agricultural production.*” The experts say the use of neonicotinoid pesticides is particularly worrying because they are accused of being responsible for a systematic collapse in the number of bees around the world. **For example, heavy use of these insecticides has been blamed for the 50 per cent decline over 25 years in honeybee populations in both the United States and the United Kingdom of Great Britain and Northern Ireland.** Such a collapse, they say, threatens the very basis of agriculture as 71% of crop species are bee-pollinated.

Corruption at the highest level described by veteran US journalist F William Engdahl³⁷

William Engdahl’s website reaches millions around the world and he has written many books. Seeds of Destruction is about the GMO conspiracy. It is an account of how millionaires such as David Rockefeller and Bill Gates colluded with the Agrochemical Corporations, the Wellcome Trust and others to depopulate the world.

Engdahl also wrote about corruption in the re-approval of glyphosate on 23/05/2016.³⁸ “*What is amazing about the entire ongoing battle over glyphosate re-approval is that opposition and awareness that the EU Commission is willing by any means possible to bow to the chemical industry glyphosate weed-killer cartel and approve a probable carcinogen, is growing by leaps and bounds, and internationally. That awareness is in turn bring light to the very dark corners of the world of GMO itself, something that Bill Gates, David Rockefeller, Monsanto, Syngenta and friends are none too able to withstand. To date the EU Commission has received a staggering 1.5 million citizen petitions demanding they not re-approve glyphosate. The opposition to EU Commission approval of glyphosate has taken on a self-expanding character and that has the agribusiness weed-killer cartel alarmed. The process is exposing to the general public, for the first time in such a clear manner, the degree of corruption in not only Brussels but also in the so-called scientific bodies that advise it on what is safe and what not.*”

Cancerous rats, corruption and Terminator seeds: Engdahl Newsletter Five: The Incredible Séralini Affair © F. William Engdahl “*...the conspiracy evidently involved some form of collusion between Monsanto and the GMO agrichemical cartel, EU commissioners, the GMO panel members of EFSA, complacent major media and several member governments of the EU, including Spain and Holland.*”

³⁶ <http://www.pan-uk.org/site/wp-content/uploads/United-Nations-Report-of-the-Special-Rapporteur-on-the-right-to-food.pdf>

³⁷ <http://www.williamengdahl.com>

³⁸ <http://journal-neo.org/2016/05/23/the-amazing-glyphosate-revolt-grows/>

Jack de Bruijn: I would like to repeat my words to Dirk Detken EFSA's Chief Attorney on 22/10/2012... but this time to the European Chemicals Agency

"Perhaps you would like to point out to her (the CEO at the time Ms Catherine Geslain-Lanu  lle) the trail of disasters to human health and the environment that has followed the planting of GM maize and Roundup® Ready crops in both Latin America and the US since they were first grown in 1996. These statistics are real, not theoretical laboratory ones."
Are these the disasters that ECHA would want see in Europe and to be directly responsible for? What if it happens to your own wives or daughters?

Humans and the environment are being poisoned by thousands of man-made chemicals

Few can avoid the pollution of water, soil and air by genotoxic and teratogenic herbicides, insecticides and other industrial chemicals. Governments and Regulators only measure a small fraction of them. Human health depends on biodiversity. Food depends on natural pollinators. In the UK and the US the environment has been destroyed. The devastating effects of these silent killers on us and our environment do not distinguish between farmers or city dwellers, the wealthy or the poor, between media moguls, editors or their reporters, Monsanto or Syngenta Executives, Prime Ministers or Presidents. Humans and the environment are being silently poisoned by thousands of untested and unmonitored chemicals.

Rosemary Mason
 17/05/2017

The Standing Committee on Plants, Animals, Food and Feed cannot make decisions on glyphosate because it is poisonous to humans as well as plants

Monsanto and the regulators claim that glyphosate only poisons plants, fungi and **bacteria**. However humans and animals have exactly the same pathway as in plants; mammals can only absorb nutrients via the **bacteria in their gut**; the gut microbiome. The gut microbiome is the collective genome of organisms inhabiting our body. A lawsuit has been launched in the US against Monsanto for false claims.

False claims about Roundup targeting an enzyme not found in people or pets³⁹

Washington, DC Two nonprofit organizations (Organic Consumers Association and Beyond Pesticides) filed a lawsuit against Monsanto for misleading the public by labeling its popular weed killer Roundup as "target[ing] an enzyme found in plants but not in people or pets." This lawsuit claims this statement is false, deceptive, and misleading, because the enzyme targeted by glyphosate, the active ingredient in Roundup, is, in fact, found in people and pets.

³⁹ <https://www.organicconsumers.org/press/non-profits-sue-monsanto-over-misleading-labeling-popular-herbicide-roundup>