

A CONVERSATION
ABOUT
ACCOUNTABILITY

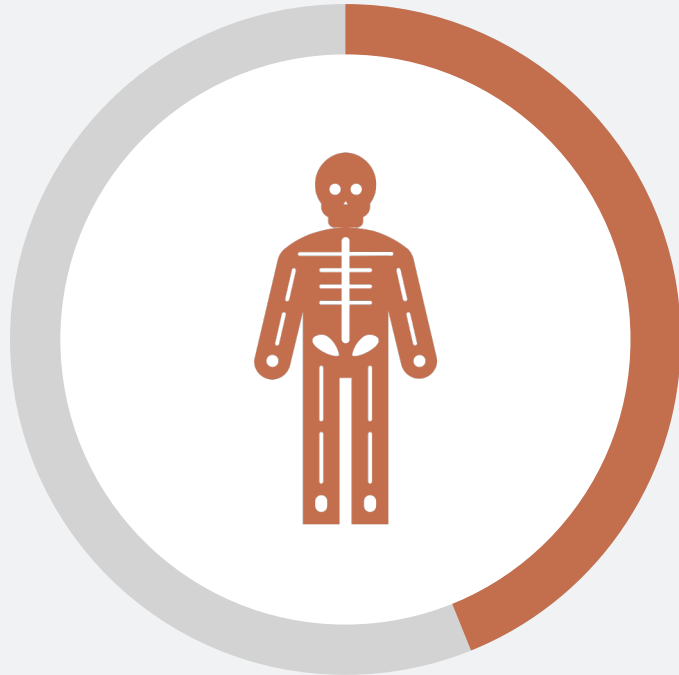
The
Monsanto
Papers

CONFIDENTIAL

Deadly Secrets,
Corporate Corruption,
and One Man's Search
for Justice

CAREY GILLAM

Cancer Has Become Common



- ❑ **Approx. 39.5 pct of men and women in United States are expected to be diagnosed with cancer in their lifetimes**
- ❑ **More than 606,000 in the U.S. died last year from cancer and more than 1.8 million were newly diagnosed with cancer; pediatric cancers are rising**
- ❑ **By 2040, the number of new cancer cases per year worldwide is expected to rise from 18 million now to 29.5 million. The number of cancer-related deaths worldwide is forecast to climb from 9.5 million to 16.4 million.**

Sources: National Cancer Institute; American Cancer Society; and U.S. Department of Human Health and Services National Toxicology Program 2016 report titled "14th Report on Carcinogens"

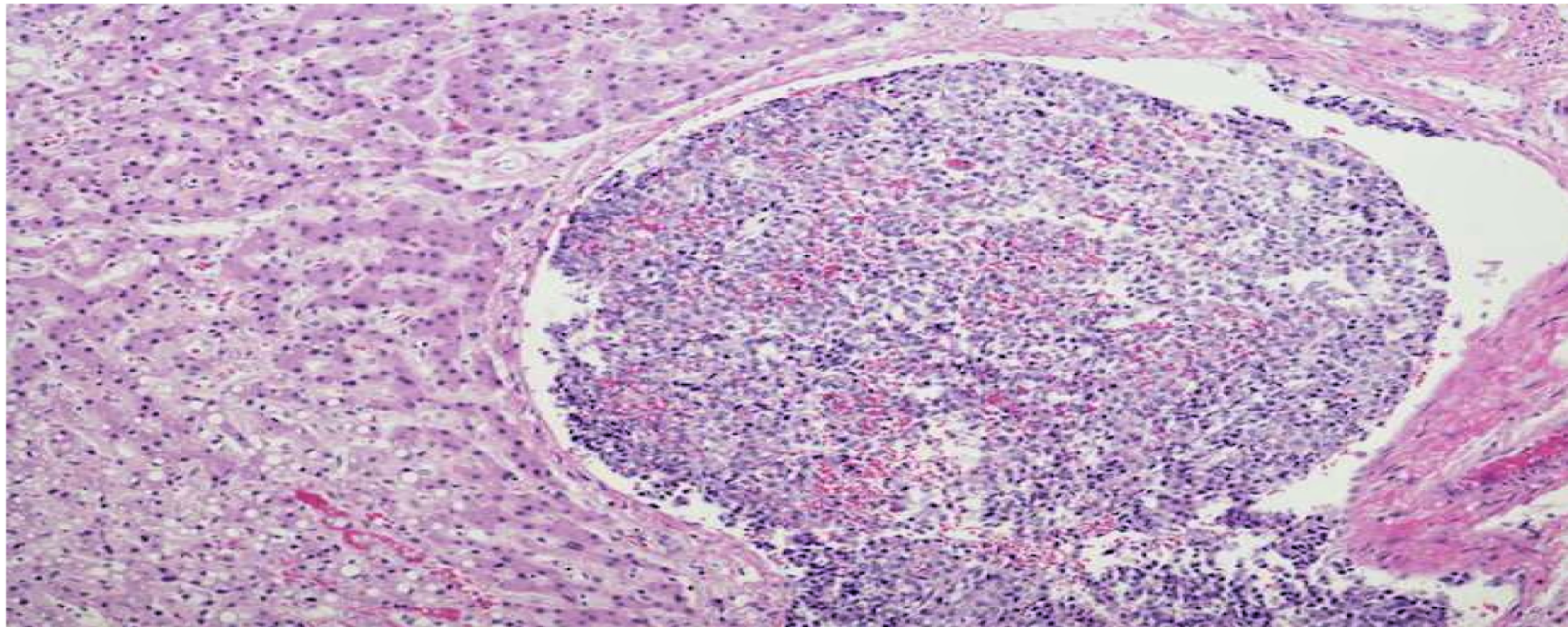
World Health Organization Data

In children under 5 years old, cancer rates increasing for childhood leukemia, brain tumors and rare liver tumors.

🕒 APRIL 23, 2019

Cancer rates in young children are increasing worldwide

by University of Minnesota



Credit: University of Minnesota

Rates of pediatric cancer have been rising since the 1980s; however, this increase varies by age group and cancer type. University of Minnesota researchers studied children under 5 years



Scientific research shows a connection between pesticides and non-Hodgkin lymphoma, multiple myeloma, prostate, liver, pancreatic, lung and non-melanoma skin cancers as well as reproductive problems, including infertility.

Researchers say certain pesticides are also detrimental to children's brain development.

US National Toxicology Program says to reduce cancer and other diseases we must address environmental causes, including pesticides.

ENVIRONMENT PESTICIDES FARMING

More Than 90 Percent of Americans Have Pesticides or Their Byproducts in Their Bodies

The real risks from chemicals in our food—for farmworkers and children, in particular—are being ignored.

By Liza Gross

MARCH 21, 2019

According to a study published 2018 in the Journal of Exposure Science & Environmental Epidemiology :

“Human exposure to pesticides is ubiquitous. More than 90% of the US population has detectable concentrations of pesticide biomarkers in their urine or blood. Although pesticide exposure occurs through a variety of routes, diet especially intake of fruits and vegetables is the major exposure pathway to these chemicals in the general population.”

“United Nations experts are calling for a comprehensive new global treaty to regulate and phase out the use of dangerous pesticides in farming and move towards sustainable agricultural practices. They say: ‘excessive use of pesticides are very dangerous to human health, to the environment and it is misleading to claim they are vital to ensuring food security.’”

UNITED NATIONS
HUMAN RIGHTS
OFFICE OF THE HIGH COMMISSIONER

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Pesticides are “global human rights concern”, say UN experts urging new treaty

GENEVA (7 March 2017) – Two United Nations experts are calling for a comprehensive new global treaty to regulate and phase out the use of dangerous pesticides in farming, and move towards sustainable agricultural practices. They say: “excessive use of pesticides are very dangerous to human health, to the environment and it is misleading to claim they are vital to ensuring food security.”

The Special Rapporteur on the right to food, Hilal Elver, and the Special Rapporteur on Toxics, Baskut Tuncak, told the Human Rights Council in Geneva that widely divergent standards of production, use and protection from hazardous pesticides in different countries are creating double standards, which are having a serious impact on human rights.

The Special Rapporteurs pointed to research showing that pesticides were responsible for an estimated 200,000 acute poisoning deaths each year. The overwhelming number of fatalities, some 99%, occurred in developing countries where health, safety and environmental regulations were weaker.

Chronic exposure to pesticides has been linked to cancer, Alzheimer’s and Parkinson’s diseases, hormone disruption, developmental disorders and sterility. Farmers and agricultural workers, communities living near plantations, indigenous communities and pregnant women and children are particularly vulnerable to pesticide exposure and require special protections.

Not just us humans at risk



“More than 40% of insect species are declining and a third are endangered...,”
“Intensive agriculture is the main driver of the declines, particularly the heavy use of pesticides.”

Environment ▶ Climate change Wildlife Energy Pollution

Plummeting insect numbers 'threaten collapse of nature'

Damian Carrington
Environment editor

@dpcarrington

Sun 10 Feb 2019
13.00 EST



76k 1,393



▲ The rate of insect extinction is eight times faster than that of mammals, birds and reptiles. Photograph: Courtesy of Entomologischer Verein Krefeld

Exclusive: Insects could vanish within a century at current rate of decline, says global review

The number of birds in the United States and Canada has fallen by 3 billion, or 29 percent, since 1970. There are likely many causes, the most important of which include habitat loss and wider use of pesticides, researchers say.

Study published in Science in
September 2019 **2019**

MATTER

Birds Are Vanishing From North America

The number of birds in the United States and Canada has declined by 3 billion, or 29 percent, over the past half-century, scientists find.





“Enjoy the good times because you never know when the bad times are coming.”

– Lee Johnson





Monsanto Confidential Communications about Roundup

“The terms glyphosate and Roundup cannot be used interchangeably ...For example you cannot say that Roundup is not a carcinogen...we have not done the necessary testing on the formulation to make that statement.”

**Donna Farmer - Manager, Toxicology Programs,
Monsanto Co. – November 22, 2003**

Message

From: FARMER, DONNA R [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=180070]
Sent: 11/24/2003 2:32:41 PM
To: NATARAJAN, SEKHAR [AG/6020] [/O=MONSANTO/OU=AP-6020-01/cn=Recipients/cn=126349]
CC: CARR, KATHERINE H [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=43435]
Subject: RE: Agitation against Roundup

Sekhar,

Your welcome and don't hesitate to contact us.

Regards,

Donna

-----Original Message-----

From: NATARAJAN, SEKHAR [AG/6020]
Sent: Sunday, November 23, 2003 10:07 AM
To: FARMER, DONNA R [AG/1000]
Cc: DOANE, JULIE R [AG/1000]; CARR, KATHERINE H [AG/1000]; MONTGOMERY, JILL M [AG/5340]; MCDERMOTT, THOMAS J [AG/5040]; FISHER, LORI J [AG/1000]; LAL, DARSHAN; SMETACEK, RANJANA [AG/6020]; KAPOOR, RAJAN D; SMITH, ALLEN T [AG/5340]
Subject: RE: Agitation against Roundup

Thanks Donna for your guidance. Will get back to you if we need any additional support.

RGDS...sekhar

-----Original Message-----

From: FARMER, DONNA R [AG/1000]
Sent: Saturday, November 22, 2003 4:46 AM
To: NATARAJAN, SEKHAR [AG/6020]
Cc: DOANE, JULIE R [AG/1000]; CARR, KATHERINE H [AG/1000]; MONTGOMERY, JILL M [AG/5340]; MCDERMOTT, THOMAS J [AG/5040]; FISHER, LORI J [AG/1000]; LAL, DARSHAN; SMETACEK, RANJANA [AG/6020]; KAPOOR, RAJAN D; SMITH, ALLEN T [AG/5340]
Subject: RE: Agitation against Roundup

Sekhar,

Your Q & A was forward to Kathy Carr and me for review (see attached). I am the toxicologist responsible for glyphosate and glyphosate-based products worldwide and Kathy provides ecotoxicology support for glyphosate globally as well as manages the information resources for glyphosate.

As explanation for some of our edits - in many parts of the world there is no such formulation being sold called "Roundup". In addition, in the US we have some lawn and garden products with the Roundup name on them but they contain other active ingredients in addition to glyphosate and they may have different properties from glyphosate. That is why we were using the phrase Roundup herbicides or Roundup agricultural herbicides. When possible it is preferable to use the name of the product that is actually being used and the data that supports that particular formulation.

The terms glyphosate and Roundup cannot be used interchangeably nor can you use "Roundup" for all glyphosate-based herbicides any more. For example you cannot say that Roundup is not a carcinogen...we have not done the necessary



March 2015 – World Health Organization’s cancer experts classify glyphosate as a “probable human carcinogen”

The International Agency for Research on Cancer (IARC), said a review of many scientific studies showed that glyphosate had a positive association for non-Hodgkin lymphoma. (Rates of NHL rose sharply between 1975 and 2015, making NHL the tenth most common cancer worldwide. The statistics show incidence rates highest in Northern America.)

Research has indicated that heavy use of Roundup could be linked to a range of health problems and diseases, including Parkinson's, infertility, kidney disease and cancers.

<http://www.iarc.fr/en/media-centre/iarcnews/pdf/MonographVolume112.pdf>
<http://www.mdpi.com/1099-4300/15/4/1416/htm>

Ferlay J, Soerjomataram I, Ervik M, et al. GLOBOCAN 2012 v1.0, Cancer Incidence and Mortality Worldwide: IARC CancerBase No. 11 [Internet]. Lyon, France: International Agency for Research on Cancer; 2013.

Monsanto emails show concern BEFORE review about IARC connecting glyphosate to cancer

“What we have long been concerned about has happened. Glyphosate is on for IARC review…”

-----Original Message-----

From: FARMER, DONNA R [AG/1000] [REDACTED]
Sent: Thursday, September 18, 2014 12:19 PM
To: Acquavella, John
Subject: Long time...

John,

I do hope this finds you and your family well. After being the stewardship group for 5 years I am back in toxicology and once again supporting glyphosate.

Just wanted to let you that what we have long been concerned about has happened. Glyphosate is on for IARC review in March of 2015.

<http://monographs.iarc.fr/ENG/Meetings/index.php>

Meeting 112: Some Organophosphate Insecticides and Herbicides: Diazinon, Glyphosate, Malathion, Parathion, and Tetrachlorvinphos (3-10 March 2015)

Call for Data (closing date 3 February 2015)
Call for Experts (closing date 30 July 2014)
Request for Observer Status (closing date 3 November 2014)
WHO Declaration of Interests for this volume

Glyphosate had been listed as a medium priority for 2015-2016 but clearly something happened and it got moved up to an ultra priority.

Monsanto has continued to work with Tom Sorahan and developed a relationship with Sir Colin Barry after the loss of Sir Richard. I have sent Tom an email asking for his help as we move forward.

Again do wish you well and really will miss your expertise and leadership on this issue!!

Warmest regards,

Donna

Message

From: HEYDENS, WILLIAM F [AG/1000] [REDACTED]
Sent: 10/15/2014 9:08:37 PM
To: GARNETT, RICHARD P [AG/5040] [REDACTED]
CC: GUSTIN, CHRISTOPHE [AG/5040] [REDACTED]; FARMER, DONNA R [AG/1000]; [REDACTED]; SALTMIRAS, DAVID A [AG/1000] [REDACTED]; KOCH, MICHAEL S [AG/1000] [REDACTED]
Subject: IARC Evaluation of Glyphosate

Richard,

It is my recollection that you notified the EU-GTF of this IARC evaluation, but I am not aware that there has been any talk of approaching the GTF about providing funding to fight this because it is not considered in the remit of achieving Annex I renewal. If so, is this really the case? I thought the EU evaluation could go well into the summer of 2015, and wouldn't an adverse IARC evaluation have the real potential to impact the results of the Annex I renewal?

I really started thinking about this after our phone call yesterday with the outside epidemiology experts that Donna lined up. The bottom line of the call was that there really is no meaningful publication that we can complete prior to the February submission to positively impact the epidemiology discussion outcome in March. One has to consider that this situational timing did not happen by chance and that more than just pure bad luck is working against glyphosate.

And while we have vulnerability in the area of epidemiology, we also have potential vulnerabilities in the other areas that IARC will consider, namely, exposure, genotox, and mode of action (David has the animal onco studies under control). If there is a force working against glyphosate, there is ample fodder to string together to help the cause even though it is not scientifically justified in its own right. Putting all this in the proper perspective will be quite resource intensive, so can't we consider approaching the GTF that the PAG already agreed to fund the onco publication 2+ years ago for this exact reason.

Thanks.

Bill

“We have vulnerability in the area of epidemiology ... exposure, genotox, and mode of action…”

Monsanto Predicts IARC Cancer Classification for Glyphosate

“We should assume and prepare for the outcome of a 2B rating (possible human carcinogen); a 2A rating (probable human carcinogen) is possible...”

Draft Feb 23, 2015

Glyphosate: IARC

INTRODUCTION

The International Agency for Research on Cancer (IARC), part of the World Health Organization, coordinates and conducts both epidemiological and laboratory research into the causes of human cancer. It also evaluates the carcinogenic potential of individual substances based only on publicly available information. While glyphosate has been a low priority for evaluation by IARC for more than two decades, it was nominated for review in mid-April, 2014.

After learning of the nomination selection of glyphosate for review in September, the regulatory team's initial focus was publishing safety studies that were not yet in the public domain. All research had to be published or accepted for publication by Feb. 3, 2015 to be considered in the IARC review. Regulatory Affairs has shared these recent publications with IARC and is continuing to share directly with panelists and observers.

... history of questionable and politically charged rulings on the carcinogenic properties of products such as ... We should assume and prepare for the outcome of a 2B rating (possible human carcinogen) is possible but less likely.

... that IARC's decision will impact future regulatory decision making. Regulatory is not aware of a situation where a regulatory body took a different position than IARC. Competent authorities for regulating pesticides and assessing chemical hazard typically evaluate a broader range of studies and make their own decisions. They also use the most broadly accepted hazard classification system, the Globally Harmonized System, which differs significantly from that used by IARC. Thus IARC classifications can readily differ from those of other regulatory bodies. This could further delay the U.S. EPA review.

The IARC meeting where glyphosate will be reviewed and the decision will be made will occur March 3-10, 2015. IARC will post its decision soon after on its website ([HYPERLINK "http://www.iarc.fr"](http://www.iarc.fr)). We are already seeing activists increase allegations against the Roundup brand (ilo glyphosate) and link those allegations directly to GM crops. We anticipate this will increase with the IARC decision. CLI seems to be willing to develop high-level communications around the IARC process to prepare for the publication of the IARC decision. To date, CLA and ECPA have not been engaged; we will need industry support specific to the glyphosate rating.

International Agency for Research on Cancer



“The International Agency for Research on Cancer (IARC) is the specialized cancer agency of the World Health Organization”

TEAM

	Reg Affairs – US	LEAD
Jen Listello	Issues Preparedness and Engagement	
Kelly Clauss	Stakeholder Outreach	
Linda Dudenhoeffer	Regulatory Affairs – Global	
Richard Garnett		

Comment [wh1]: No – contact with panelists ('Members') is not allowed

Comment [wh2]: And key regulators

Formatted: Complex Script Font: +Body (Calibri), 10 pt, Highlight

Comment [wh3]: No GHS doesn't play into this. I would say "more broadly accepted "Weight-of-Evidence" approach to evaluate carcinogenic potential, which..."

Comment [k4]: and EU? Canada? Japan?

Comment [drf5]: We asked CLA to nominate an observer to the meeting. while they were supportive there was push back by some of the member companies that this action would supporting a "single ar" we tried to make the case that this is about defending pesticides but that argument didn't work with those companies

Monsanto document titled "PREPAREDNESS AND ENGAGEMENT

PLAN FOR IARC CARCINOGEN RATING OF GLYPHOSATE"

Feb. 23, 2015
(month before
IARC decision)
Monsanto action
plan:
"Orchestrate
Outcry with
IARC Decision"

4. Orchestrate Outcry with IARC Decision ~ March 10, 2015

- Industry conducts robust media / social media outreach on process and outcome
 - [Sense About Science?] leads industry response and provides platform for IARC observers and industry spokesperson
 - CLI and other associations issue press releases

Monsanto Company Confidential

Page [PAGE] of [NUMPAGES]

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MONGLY02913530

Draft Feb 23, 2015

- Joint Glyphosate Taskforce publishes press release, letter signed by leaders of each manufacturer in North America and Europe
- Push opinion leader letter to key daily newspaper on day of IARC ruling with assistance of Potomac Group
- Monsanto responds with strong reactive statement
 - Distribute video and audio responses to IARC decision
 - Address media inquiries with company glyphosate spokesperson
 - Utilize Monsanto channels (web, FB, Twitter, blog, etc) to provide Monsanto POV
 - Corporate Engagement team packages industry and Monsanto responses, then distributes via email to ~20 most influential ag media outlets across print, radio and TV

The background features a dark, almost black, space filled with a series of glowing, wavy lines in shades of blue and white. These lines originate from the left side and curve towards the right, creating a sense of motion and depth. Small, bright particles or specks are scattered along these lines, particularly on the right side, giving the impression of a starry field or a nebula. The overall effect is ethereal and futuristic.

GHOST WRITING

GHOST WRITING PLAN TO COUNTER IARC

Feb 5, 2015 Internal
Monsanto Email: *A less expensive/more palatable approach might be to involve experts only for the areas of contention, epidemiology and possibly MOA ... and we ghost-write the Exposure Tox & Genetox sections. .. An option would be to add Greim and Kier or Kirkland to have their names on the publication, but we would be keeping the cost down by us doing the writing and they would just edit & sign their names so to speak. Recall that is how we handled Williams Kroes & Munro, 2000."*

HEYDENS, WILLIAM F [AG/1000]

From: SALT MIRAS, DAVID A [AG/1000]
Sent: Thursday, February 19, 2015 4:01 PM
To: HEYDENS, WILLIAM F [AG/1000]; FARMER, DONNA R [AG/1000]
Cc: KOCH, MICHAEL S [AG/1000]; HODGE-BELL, KIMBERLY C [AG/1000]
Subject: RE: IARC Planning

Bill et al.,

I had an extended chat with Roger this afternoon, as is the custom. He said that Critical Reviews has already dedicated some significant space to the glyphosate topic, especially the pending issue #3 with both the carc paper & Kier paper. However, to the contrary, he did say he'd consider something along the lines of the 1, 3 - butadiene issue... I think we would have to prepare a very compelling story.

David Saltmiras, Ph.D., D.A.B.T.
Science Fellow
Novel Chemistry and Microbials Product Lead
Toxicology and Nutrition Center
Monsanto
ph (314) 694-8856

From: HEYDENS, WILLIAM F [AG/1000]
Sent: Thursday, February 19, 2015 7:53 AM
To: FARMER, DONNA R [AG/1000]
Cc: KOCH, MICHAEL S [AG/1000]; SALT MIRAS, DAVID A [AG/1000]; HODGE-BELL, KIMBERLY C [AG/1000]
Subject: RE: IARC Planning

Donna,

Per our phone call with John the other day, the next two most important things that we need to do are the Meta-analysis publication and the Ag Health Study Follow-up publication, assuming we can get our hands on the data in a reasonable timeframe. I feel confident that we will have organizational support for doing these projects, so I think we need to start setting them up now.

For the meta-analysis, please contact Elizabeth, let her know we would like her/Ellen to do this, and get a cost estimate from her.

For the AHS data, I heard 2 action items during our call: first - get with the lawyers to initiate the FOI process; second - contact Tom Soroan and get him lined up to do the analysis when we get the data; also, get a cost estimate from him.

For the overall plausibility paper that we discussed with John (where he gave the butadiene example), I'm still having a little trouble wrapping my mind around that. If we went full-bore, involving experts from all the major areas (Epi, Tox, Genetox, MOA, Exposure - not sure who we'd get), we could be pushing \$250K or maybe even more. A less expensive/more palatable approach might be to involve experts only for the areas of contention, epidemiology and possibly MOA (depending on what comes out of the IARC meeting), and we ghost-write the Exposure Tox & Genetox sections. An option would be to add Greim and Kier or Kirkland to have their names on the publication, but we would be keeping the cost down by us doing the writing and they would just edit & sign their names so to speak. Recall that is how we handled Williams Kroes & Munro, 2000.



ELSEVIER



Regular Article

Safety Evaluation and Risk Assessment of the Herbicide Roundup and Its Active Ingredient, Glyphosate, for Humans ☆

Gary M. Williams ^a, Robert Kroes ^b, Ian C. Munro ^{c, 2}

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<https://doi.org/10.1006/rtp.1999.1371>

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Abstract

Reviews on the safety of glyphosate and Roundup herbicide that have been conducted by several regulatory agencies and scientific institutions worldwide have concluded that there is no indication of any human health concern. Nevertheless, questions regarding their safety are periodically raised. This review was undertaken to produce a current and comprehensive safety evaluation and risk assessment for humans. It includes assessments of glyphosate, its major breakdown product [aminomethylphosphonic acid (AMPA)], its Roundup formulations, and the predominant surfactant [polyethoxylated tallow amine (POEA)] used in Roundup formulations worldwide. The studies evaluated in this review included those performed for regulatory purposes as well as published research reports. The oral absorption of glyphosate and AMPA is low, and both materials are eliminated essentially unmetabolized. Dermal penetration studies with Roundup showed very low absorption. Experimental evidence has shown that neither glyphosate nor AMPA bioaccumulates in any animal tissue. No significant toxicity occurred in acute, subchronic, and chronic studies. Direct ocular exposure to the concentrated Roundup formulation can result in transient irritation, while normal spray dilutions cause, at most, only minimal effects. The genotoxicity data for

“Roundup herbicide does not pose a health risk to humans.”

“There were no effects on fertility or reproductive parameters...”

“...it was concluded that glyphosate is noncarcinogenic.”

Ghostwriting of the “independent” review countering IARC

Internal Monsanto emails show company scientists were heavily involved in organizing, editing, drafting language for published version

“I had already written a draft Introduction chapter back in October/November, but I want to go back and re--read it to see if it could benefit from any ‘re-freshing’ .. I will do that in the next few days. Then I was thinking I would run it by you for your comments/edits. And then comes the question of who should be the ultimate author ... you or Gary? I was thinking you for the Introduction chapter and Gary for the Summary chapter, but I am totally open to your suggestions.” - Jan. 6, 2016 email from Monsanto scientist Bill Heydens regarding his work on the “independent” review.

Message

From: HEYDENS, WILLIAM F [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=230737]
Sent: 2/9/2016 11:43:08 PM
To: Ashley Roberts Intertek [ashley.roberts@intertek.com]
Subject: RE: summary article
Attachments: Summary Manuscript Draft 2 0 Feb 5 2016_jfa_wfh.docx

Ashley,

OK, I have gone through the entire document and indicated what I think should stay, what can go, and in a couple spots I did a little editing. I took a crack at adding a little text on page 10 to address John's comments about toxicologists' use of Hill's criteria – see what you think; it made sense to me, but I'm not sure if it will to others - please feel free to further modify and/or run by Gary.

After you have looked through this, let's discuss.

Thanks,

Bill

From: Ashley Roberts Intertek [mailto:ashley.roberts@intertek.com]
Sent: Monday, February 08, 2016 3:15 PM
To: HEYDENS, WILLIAM F [AG/1000]
Subject: FW: summary article

Hi Bill,

Please take a look at the latest from the epi group!!!!

Can you call me once you have digested this.

“I have gone through the entire document and indicated what I think should stay, what can go, and in a couple spots I did a little editing.”

Monsanto scientist Bill Heydens in February 2016 email regarding “Independent” review of glyphosate

Finished Manuscript published September 2016.


“A review of the carcinogenic potential of glyphosate by four independent expert panels” finds that “Data do not support IARC's conclusion that glyphosate is a ‘probable human carcinogen.’””

Monsanto touts the review as evidence that IARC was wrong; media, regulators, lawmakers do the same.

Published in Sept. 2016 in *Critical Reviews in Toxicology*, titled as *“A review of the carcinogenic potential of glyphosate by four independent expert panels...”* The paper concluded that the data do not support IARC's conclusion that glyphosate is a ‘probable human carcinogen’ and, consistent with previous regulatory assessments, further concluded that glyphosate is unlikely to pose a carcinogenic risk to humans.”

The papers stated: ***“Neither any Monsanto company employees nor any attorneys reviewed any of the Expert Panel’s manuscripts prior to submission to the journal.”***

The documents reveal how Henry Miller, a Robert Wesson Fellow in Scientific Philosophy and Public Policy at the Hoover Institution at Stanford University, “allowed Monsanto to ghostwrite an editorial he published in Forbes.com and claimed as his own in 2015.”



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Monsanto Caught Ghostwriting Stanford University Hoover Institution Fellow's Published Work

August 4, 2017 at 5:27 pm Filed Under: [Forbes](#), [glyphosate](#), [Hoover Institution](#), [Monsanto](#), [Roundup](#), [Stanford University](#)

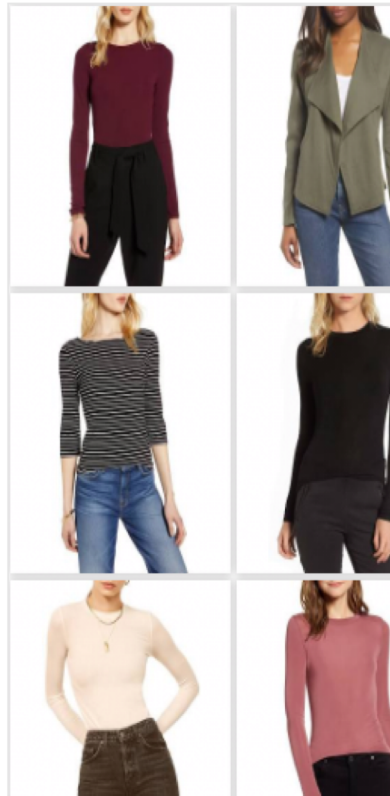


SAN FRANCISCO (CBS SF) — Newly-released documents, [dubbed the Monsanto Papers](#), give the public a behind the scenes look into how far Monsanto will go to control public perception, news media and scientific research into the key ingredient in its Roundup product, glyphosate.

The documents, which include internal emails and memos, reveals among other things, how Henry I. Miller, a Robert Wesson Fellow in Scientific Philosophy and Public Policy at the Hoover Institution at Stanford University, allowed Monsanto to ghostwrite an editorial he published in Forbes.com and claimed as his own in 2015.

The 2015 editorial attacked the decision by the International Agency for Research on Cancer, a branch of the World Health Organization, to classify glyphosate as a probable carcinogen.

For two years, Miller was believed to be the writer of those words. But now, emails between Miller and Monsanto employees show the company wrote the piece and Miller added a couple of words to it prior to publication.



From deposition testimony of Monsanto in-house lawyer Todd Rands- February 2019. Emails speak of Potomac media house hired by Monsanto writing op-eds and letters to the editor to defend glyphosate. "These would be 'authored' by those on the list then placed by Potomac in media where needed... We know these items in the media need to be from those outside the industry."

9 Q. Okay. And Charla Lord now answers
0 Donna's question, and she writes:
1 "Donna, thanks, and I'm sorry, I
2 didn't realize until now that you
3 were not on the original email
4 string (included below). Potomac
5 is a media house that is writing
6 Op-Eds and Letters to Editors in
7 response to negative pressure
8 surrounding glyphosate. These
9 would be 'authored' by those on the
0 list then placed by Potomac in
1 media where needed. Potomac
2 writers would do the heavy lift
3 with the expert authors as final
4 editor. We know these items in the
5 media need to be from those outside
alkow Litigation Services Page 320
Confidential - Pursuant to Protective Order
1 the industry."

Monsanto scientist John Vicini talks about a paper he drafted that he wants to find an independent author for – He write the “best-case scenario” is for his paper to look like it is a “non-MON” paper

Message

From: VICINI, JOHN L [Redacted]
Sent: 9/11/2013 12:13:24 PM
To: GOLDSTEIN, DANIEL A [Redacted]; HOOD, AIMEE [Redacted]; [Redacted] SACHS, ERIC S [Redacted]; DOBERT, RAYMOND C [Redacted]; [Redacted] [Redacted]; [Redacted] [Redacted]; GLENN, KEVIN C [Redacted]; PARK, ERIC [Redacted]
CC: GAO, YONG [Redacted]
Subject: animal performance trends
Attachments: Prod trends.docx

Attached is the first draft of a manuscript that I prepared with the intention of submitting either as a co-author with some global faculty in animal sciences or turn it over to them and just be a ghost writer. The paper is not Nobel Prize science but it is intended to provide two simple messages: 1) billions of animals are consuming large amounts of GM crops everyday for long periods and, 2) the forecasted health effects are not apparent in publicly available datasets. Before I send it to them I would appreciate your feedback on content.

I also would like to hear your thought as well on authorship. I do not need to be on it and think that a non-MON paper is the best-case scenario. I am concerned that the faculty members may not want to just take something they did not produce and slap their names on it. I have talked to two EU scientists and two from the US (one is a Department Chair) that are willing to entertain the idea but we have not gotten into the details yet.

Special requests of the two Erics: E. Sachs – I’m sure you have past experience that would be valuable. E. Parks – your perspective as a former faculty member?

I appreciate your feedback on this.

John

He writes that he is “concerned that the faculty members may not want to just take something they did not produce and slap their names on it.”



QUESTIONABLE
EPA
INTERACTIONS

Collusion Or Coincidence? Records Show EPA Efforts To Slow Herbicide Review Came In Coordination With Monsanto

08/17/2017 10:02 am ET | Updated Aug 18, 2017



Newly released government email communications show a persistent effort by multiple officials within the Environmental Protection Agency (EPA) to slow a separate federal agency's safety review of Monsanto's top-selling herbicide. Notably, the records demonstrate that the EPA efforts came at the behest of Monsanto, and that EPA officials were helpful enough to keep the chemical giant updated on their progress.

The communications, most of which were obtained through Freedom of Information Act

So...Jess called me out of the blue this morning:

Internal Monsanto email regarding EPA official Jess Rowland and efforts to kill glyphosate toxicity review at separate federal agency

Confidential - Produced Subject to Protective Order

MONGLY00987755

Case 3:16-md-02741-VC Document 189-4 Filed 03/14/17 Page 2 of 4

"We have enough to sustain our conclusions. Don't need gene tox or epi. The only thing is the cheminova study with the sarcoma in mice- we have that study now and its conclusions are irrelevant (bc at limit dose...?). I am the chair of the CARC and my folks are running this process for glyphosate in reg review. I have called a CARC meeting in June..."

Monsanto official tells colleagues that Rowland told him *"If I can kill this, I should get a medal."*

Also, Jess called to ask for a contact name at ATSDR. I passed on Jesslyn's email. He told me no coordination is going on and he wanted to establish some saying "If I can kill this I should get a medal". However, don't get your hopes up, I doubt EPA and Jess can kill this; but it's good to know they are going to actually make the effort now to coordinate due to our pressing and their shared concern that ATSDR is consistent in its conclusions w EPA.

Monsanto official says: *"I doubt EPA and Jess can kill this; but it's good to know they are to actually make the effort... "*

Dan Jenkins
U.S. Agency Lead

Regulatory Affairs
Monsanto Company

Message

From: JENKINS, DANIEL J [AG/1920] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=813004]
Sent: 9/3/2015 1:23:14 PM
To: REYNOLDS, TRACEY L [AG/1000] [/O=MONSANTO/OU=Na-1000-01/cn=recipients/cn=133378]; HEERING, DAVID C [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=RECIPIENTS/cn=68681]; VAUGHN, TY T [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=555738]; MCKAY, TRACY R [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=TRMCKA]; MARTINO-CATT, SUSAN J [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=655584]; DYKES, MICHAEL D [AG/1920] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=MDDYKE]; AGUSTIN, MELISSA [AG/1000] [/O=MONSANTO/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MRAGUS]; MILLER, PHILIP W [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=212392]; HEGGER, DANIEL [AG/1000] [/O=MONSANTO/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DHEGGa6f]; STATER, STACEY L [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=604991]
Subject: RE: High Level Summary of 2 recent Mesnage [studies](#) (also low dose response as FYI)

No questions but Dr Jess Rowland at EPA is quite proud of their recent endocrine conclusions and is also on point regarding their IARC response. Jess will be retiring from EPA in ~5-6 mos and could be useful as we move forward with ongoing glyphosate defense.

Dan Jenkins
U.S. Agency Lead
Regulatory Affairs
Monsanto Company

“Jess will be retiring from EPA in 5-6 months and could be useful as we move forward with ongoing glyphosate defense.” – Dan Jenkins, Monsanto Regulatory Affairs

FRONT GROUPS

Chemical Industry Propaganda Groups

(Described in Monsanto internal memo as “industry partners”)

❖ **Academics Review**

❖ **Genetic Literacy Project**

❖ **Sense About Science**

❖ **Biofortified**

❖ **American Council on Science and Health (ACSH)**
(internal dox show Monsanto funding and coordinating of pro-glyphosate messaging)

Message

From: GOLDSTEIN, DANIEL A [AG/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=527246]
Sent: 2/26/2015 8:08:31 PM
To: VICINI, JOHN L [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=56908]; REYNOLDS, TRACEY L [AG/1000] [/O=MONSANTO/OU=Na-1000-01/cn=recipients/cn=133378]
CC: SACHS, ERIC S [AG/1000] [/O=MONSANTO/OU=NA-1000-01/cn=Recipients/cn=171736]
Subject: ACSH

While I would love to have more friends and more choices, we don't have a lot of supporters and can't afford to lose the few we have....

I am well aware of the challenges with ACSH and know Eric has valid concerns- so I can assure you I am not all starry-eyed about ACSH- they have PLENTY of warts- but:

You WILL NOT GET A BETTER VALUE FOR YOUR DOLLAR than ACSH:

They are working with us to respond if needed to IARC- Gil has asked for information feed.

Today: <http://acsh.org/2015/02> [REDACTED]

They host TWO BOOKS and a Pamphlet that are EXTREMELY USEFUL:

American Council on Science and Health (ACSH) claims to be independent of Monsanto but email chain February 2015 shows ACSH asking for more Monsanto funding & promising to help work to discredit international cancer scientists and bolster glyphosate safety messaging. (Full email string at USRTK.org)

On Glyphosate, Carey Gillam Keeps Lying Early And Often

@ EMAIL f FACEBOOK in LINKEDIN t TWITTER r REDDIT p PRINT

By Alex Berezow — May 1, 2018



Carey Gillam

dedicated to a particular viewpoint, that literally nothing will change their minds. That is anathema to science.

Editors must be aware of that fact. Otherwise, they are likely to be bamboozled. And that's exactly what

I've been a science writer and editor for nearly eight years. During this time, I've learned a few things.

Perhaps the most important is that science is never enough. It doesn't matter if you have facts, data, and logic on your side, a substantial proportion of people will reject what you say and call you bad names. The reason, usually, is because they have an ideological conflict of interest -- by far, the worst kind of conflict of interest. That is, they are so

Related articles

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Anti-glyphosate activist Carey Gillam 'collaborated' with attorney charged in extortion plot

Alex Berezow | American Council on Science and Health | December 20, 2019



NYT's Eric Lipton Is A Science Birther



 By Alex Berezow — October 26, 2017



Credit: Eric Lipton/Twitter

The *New York Times* has some of the [worst science coverage](#) in the nation, its Tuesday section notwithstanding. *The Times* shamelessly promotes alternative medicine and organic food while scaremongering over "chemikillz" and trashing scientists who work in biotechnology.

There's a reason for that. Not only is the paper trying to appeal to its elite, Upper West Side clientele, but the *New York Times*'s publisher, [Arthur Sulzberger Jr.](#), is married to [Gabrielle](#)

[Greene](#), who is on the board of Whole Foods. In May 2017, she was made [chairwoman of the board](#). It shouldn't be a surprise, therefore, that the *Times* uses its influence to spread organic food industry propaganda about the supposed dangers of pesticides and GMOs. It helps keep the boss rich.

Related articles

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The Death of Science Journalism

Glyphosate: NYT's Danny Hakim Is Lying To You



 By Alex Berezow — March 15, 2017



Credit: Shutterstock

"Lying" is considered one of those words civilized people should never say. That's why politicians never use it. Instead, their opponents are "misinformed" or "misspeaking" or "using alternative facts."

Well, the time for civility is over. Journalist -- if we can actually call him that -- Danny Hakim is lying to you. And it's not his first rodeo, either. He's built quite a [track record](#) for himself at the *New York Times*, publishing distorted information

about GMOs and comparing agricultural pesticides to "Nazi-made sarin gas."

Now, Mr. Hakim has written an [article](#) about how "unsealed documents" from Monsanto supposedly reveal all sorts of clandestine, evil behavior.

The punchline, as usual, is that glyphosate is killing everybody, and not only did Monsanto cover it up, so did the

Related articles

NRDC Never Stops Lying About Glyphosate, or Science in General

Fake News Award for Science Goes to ... The New York Times!

TIME Has A Science Article Based On A Yogic Flying Instructor: Here Are More Ideas They Can Use

New York Times: Pseudoscience and Sleeping with Sources

A \$289M Hit Job on Science in Jackpot Verdict on Monsanto's Glyphosate

Genetic Literacy Project

SCIENCE NOT IDEOLOGY



LP is committed to full transparency. Download and review our just-released [2019 Annual Report](#)

Viewpoint: IARC glyphosate cancer advisor Christopher Portier's history of lying about conflicts of interest

Julie Kelly | [National Review](#) | October 31, 2017



Quotes From Judges Overseeing Roundup Trials:

US District Judge Vince Chhabria: *“There’s a fair amount of evidence that the only thing Monsanto cared about was undermining the people who were raising concerns about whether Roundup caused cancer. Monsanto didn’t seem concerned at all about getting at the truth of whether glyphosate caused cancer.”*

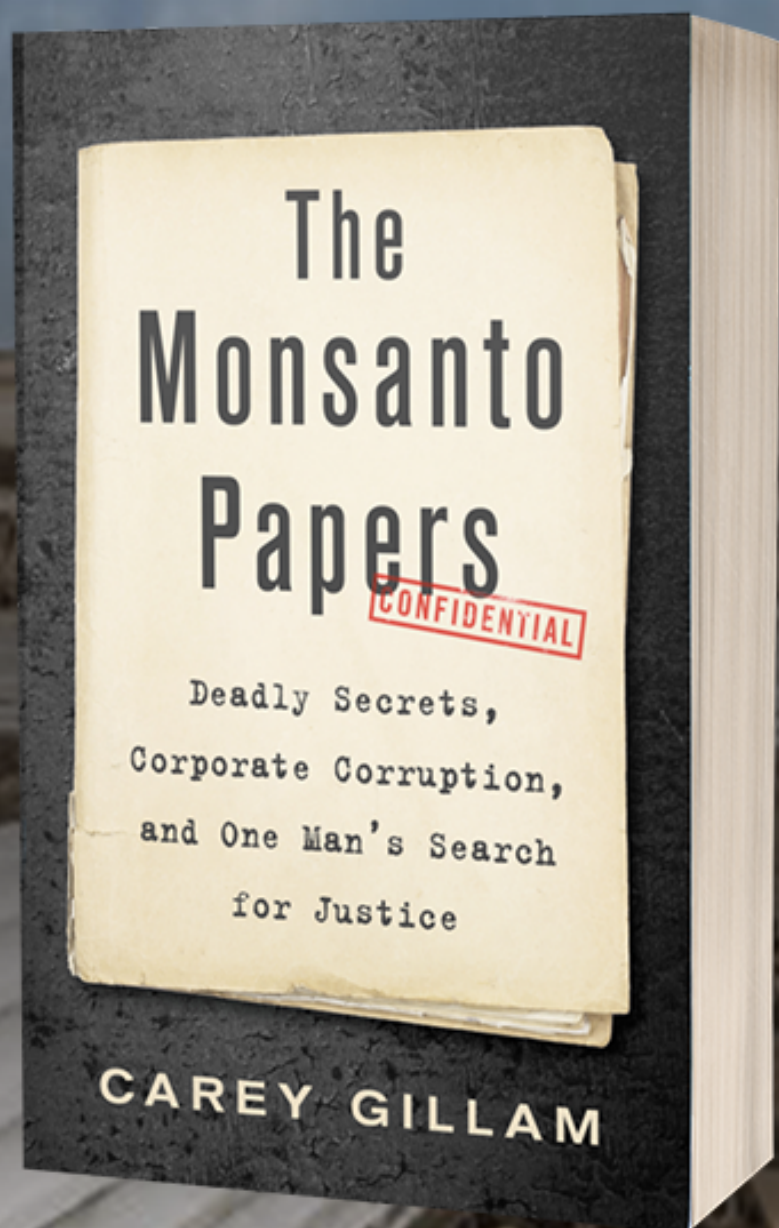
Alameda County Superior Court Judge Winifred Smith: *“Monsanto made an ongoing effort to impede, discourage, or distort scientific inquiry and the resulting science about glyphosate and thereby showed a conscious disregard for public health.”*

Roundup Products Liability Litigation

Cancer Patients
v.
Monsanto (Bayer)

Federal & State Lawsuits Against Monsanto in U.S. Over Roundup Cancer Claims

- * Approximately 100,000 U.S. Plaintiffs
- * All allege Monsanto's Roundup caused non-Hodgkin lymphoma (NHL), and that Monsanto covered up the risks
- * Three trials completed so far:
 - * \$289 mln verdict, reduced to \$78 million
 - * \$80.2 mln verdict, reduced to \$25 million.
 - * \$2 Billion verdict, reduced to \$87 million.
 - * Jurors found Monsanto acted with "malice" in failing to warn of risks of its herbicides
- * In 2020, Monsanto owner Bayer AG agreed to pay **\$11 billion** to settle majority of cases



New from Carey Gillam

THE MONSANTO PAPERS

“Carey Gillam has written a compelling book from beginning to end, about one of the most important legal battles of our time.”

—Lukas Reiter, TV executive and writer for *The Blacklist*, *The Practice*, and *Boston Legal*

To read the internal
documents for yourself –
See U.S. Right to Know –
The Monsanto Papers
page. www.usrtk.org