

**From:** [Lindsey Loving](#)  
**To:** [Chassy, Bruce](#)  
**Subject:** RE: New Study Links Biotech Corn to Organ Failure  
**Date:** Wednesday, January 13, 2010 10:41:48 AM

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Hi Bruce,

This is very helpful. Thanks for your candidness! I would be glad to speak with you this week and talk more about this. If you're free, I can call you tomorrow afternoon.

I appreciate you responding while in transit. Have a safe trip back from Seattle!

Warm regards,  
Lindsey

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

From: Chassy, Bruce [<mailto:bchassy@uiuc.edu>]  
Sent: Wednesday, January 13, 2010 11:32 AM  
To: Lindsey Loving  
Subject: RE: New Study Links Biotech Corn to Organ Failure

Lindsey

I am in the Seattle airport on my way back home. We should talk tomorrow or the next day.

As a preview, I am aware of the paper. It is in a journal nobody heard of and is written by authors who are openly opposed to GM crops. It is a rehash of data that has been around for years that EFSA (the European Food Safety Authority) says they have reviewed (at least twice) that shows nothing of any concern. The paper is misleading to the point of being scientific misconduct if not outright fraud.

The bottom line is that there is no effect of biotech corn beyond the natural variation normally observed between groups of animals. To say otherwise is dishonest.

We can talk about it further.

Here's what the Australian regulators say about it (clipped from an e-mail)

"Lydia Buchtmann from Food Standards Australia New Zealand says the maize has all been approved, is safe and does not warrant a review.

She says the study was done by an academic who is a known anti-GM campaigner.

Ms Buchtmann says the study's author has published two other studies which were found to be seriously flawed."

([http://www.foodstandards.gov.au/educationalmaterial/factsheets/factsheets2009/fsanzresponseto\\_seral4647.cfm](http://www.foodstandards.gov.au/educationalmaterial/factsheets/factsheets2009/fsanzresponseto_seral4647.cfm))

see also

[http://www.monsanto.com/products/techandsafety/fortherecord\\_science/default.asp](http://www.monsanto.com/products/techandsafety/fortherecord_science/default.asp).

Regards

Bruce

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From: Lindsey Loving [[Loving@ific.org](mailto:Loving@ific.org)]  
Sent: Wednesday, January 13, 2010 9:52 AM  
To: Chassy, Bruce  
Subject: New Study Links Biotech Corn to Organ Failure

Dear Bruce,

Hi, my name is Lindsey Loving and I am Sr. Director of Food Ingredients & Technology Communications at IFIC. I am new to the biotechnology issue (although I've been at IFIC for 3 years), and I wanted to introduce myself to you, as I understand you are one of our valued media experts on food biotechnology.

We came across the article below yesterday regarding a study by the International Journal of Biological Sciences which found adverse health effects of biotech corn on organ function. I would be very interested in getting an expert's perspective on this study. I have attached the pdf of the study as well for your reference. What is your opinion of this study and its findings?

While we have not received any media inquiries on this issue, we sometimes receive calls from reporters looking for an expert to comment. It would be great to have a quote from you we could provide to them, or put them in touch with you if they have more in-depth questions. It appears this story has been receiving low, steady coverage since mid-December, so I don't think it's very likely we will receive any calls if we haven't yet at this point.

Thank you and I look forward to getting to know you in the coming year!

Regards,  
Lindsey Loving

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From: Eric Mittenthal  
Sent: Tuesday, January 12, 2010 5:43 PM  
To: Dave Schmidt; Kerry Robinson; Kimberly Reed; Lindsey Loving; Michelle Ronholm  
Subject: GMO corn and organ failure

From the Huffington Post so a little alarmist, but may be worth keeping our eye on...

[http://www.huffingtonpost.com/2010/01/12/monsantos-gmo-corn-linked\\_n\\_420365.html](http://www.huffingtonpost.com/2010/01/12/monsantos-gmo-corn-linked_n_420365.html)

Monsanto's GMO Corn Linked To Organ Failure, Study Reveals<[http://www.huffingtonpost.com/2010/01/12/monsantos-gmo-corn-linked\\_n\\_420365.html](http://www.huffingtonpost.com/2010/01/12/monsantos-gmo-corn-linked_n_420365.html)>

Huffington Post | Katherine Goldstein/Gazelle Emami Posted: 01-12-10 05:30 PM  
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In a study released by the International Journal of Biological Sciences<<http://www.biolsci.org/>>, analyzing the effects of genetically modified foods on mammalian health, researchers found that agricultural giant Monsanto's GM corn is linked to organ damage in rats.

According to the study<<http://www.biolsci.org/v05p0706.htm#headingA11>>, which was summarized by Adam Shake at Twilight Earth<<http://twilightheart.com/environment/report-monsanto-corn-causes-organ-damage-in-mammals/>>, "Three varieties of Monsanto's GM corn - Mon 863, insecticide-producing Mon 810, and Roundup® herbicide-absorbing NK 603 - were approved for consumption by US, European and several other national food safety authorities."

Monsanto gathered its own crude statistical data after conducting a 90-day study, even though chronic problems can rarely be found after 90 days, and concluded that the corn was safe for consumption. The stamp of approval may have been premature, however.

In the conclusion of the IJBS study, researchers wrote:

"Effects were mostly concentrated in kidney and liver function, the two major diet detoxification organs, but in detail differed with each GM type. In addition, some effects on heart, adrenal, spleen and blood cells were also frequently noted. As there normally exists sex differences in liver and kidney metabolism, the highly statistically significant disturbances in the function of these organs, seen between male and female rats, cannot be dismissed as biologically insignificant as has been proposed by others. We therefore conclude that our data strongly suggests that these GM maize varieties induce a state of hepatorenal toxicity....These substances have never before been an integral part of the human or animal diet and therefore their health consequences for those who consume them, especially over long time periods are currently unknown."

Monsanto<[http://www.monsanto.com/products/techandsafety/forthecord\\_science/2010/monsanto\\_response\\_de\\_vendomois.asp](http://www.monsanto.com/products/techandsafety/forthecord_science/2010/monsanto_response_de_vendomois.asp)> has immediately responded to the study, stating that the research is "based on faulty analytical methods and reasoning and do not call into question the safety findings for these products."

The IJBS study's author Gilles-Eric Séralini responded to the Monsanto statement on the blog, Food Freedom<<http://foodfreedom.wordpress.com/2010/01/01/three-approved-gmos-linked-to-organ-damage/>>, "Our study contradicts Monsanto conclusions because Monsanto systematically neglects significant health effects in mammals that are different in males and females eating GMOs, or not proportional to the dose. This is a very serious mistake, dramatic for public health. This is the major conclusion revealed by our work, the only careful reanalysis of Monsanto crude statistical data."

**From:** [Chassy, Bruce](#)  
**To:** [Lindsey Loving](#)  
**Subject:** RE: New Study Links Biotech Corn to Organ Failure  
**Date:** Wednesday, January 13, 2010 10:35:02 AM

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if that monsanto link doesn't work try this

[http://www.monsanto.com/products/techandsafety/fortherecord\\_science/default.asp](http://www.monsanto.com/products/techandsafety/fortherecord_science/default.asp)

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