

Chapter 5 - Genetically Engineered Crops and Human Health

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Reference	Year	Title	Publication	Primary Author	Primary Author Affiliation	Funding Source	Funders
Abbadia et al.	2004	Biosynthesis of very-long-chain polyunsaturated fatty acids in transgenic oilseeds: Constraints on their accumulation	Plant Cell 16:2734–2748.	Abbadia, A., F.	Universität Hamburg	Government (Non-U.S.)	Federal Ministry of Education and Research (Germany)
						Industry	BASF Plant Science
Abbas et al.	2007	Effect of temperature, rainfall and planting date on aflatoxin and fumonisin contamination in commercial Bt and non-Bt maize hybrids in Arkansas	Phytoprotection 88:41–50	Abbas, H.K.	U.S. Department of Agriculture-Agricultural Research Service	Not Reported	
Abraham et al.	2015	Trends in diabetes incidence: The Framingham heart study	Diabetes Care 38:482–487	Abraham, T.M.	Brigham & Womens Hospital Harvard University, School of Medicine	Government (U.S.)	National Institutes of Health
ADAS	2015	Strategy support for the post-market monitoring (PMM) of GM plants: Review of existing PPM strategies developed for the safety assessment of human and animal health	EFSA supporting publication 2014:EN-739	ADAS		Government (Non-U.S.)	European Food Safety Authority
Ahuja et al.	2012	Phytoalexins in defense against pathogens	Trends in Plant Science 17:73–90.	Ahuja, I.	Norwegian University of Science & Technology	Government (Non-U.S.)	Norwegian Research Council

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American Association for the Advancement of Science	2012	Statement by the AAAS Board of Directors on Labeling of Genetically Modified Foods	October 20. Available at http://www.aas.org/sites/default/files/AAAS_GM_statement.pdf . Accessed October 13, 2015	American Association for the Advancement of Science		N/A	
American Psychiatric Association	2013	Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition	Arlington, VA: American Psychiatric Publishing	American Psychiatric Association		N/A	
Amos, J.	2012	French GM-fed Rat Study Triggers Furore	http://www.bbc.com/news/science-environment-19654825	Amos, J.	BBC News	N/A	
An, R.	2015	Educational disparity in obesity among U.S. adults, 1984–2013	Annals of Epidemiology 25:637–642	An, R.	University of Illinois at Urbana-Champaign	Academia	University of Illinois at Urbana-Champaign
Arjó et al.	2012	Mice fed on a diet enriched with genetically engineered multivitamin corn show no sub-acute toxic effects and no sub-chronic toxicity	Plant Biotechnology Journal 10:1026–1034.	Arjó, G	University of Lleida	Government (Non-U.S.)	Spanish Ministry of Science and Innovation
Astwood et al.	1996	Stability of food allergens to digestion in vitro	Nature Biotechnology 14:1269–1273.	Astwood, J.D.	Monsanto Company	Not Reported	

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Bartholomaeus et al.	2013	The use of whole food animal studies in the safety assessment of genetically modified crops: Limitations and recommendations	Critical Reviews in Toxicology 43:1–24.	Bartholomaeus, A.	University of Queensland	Industry	BASF Bayer CropScience Dow AgroSciences Monsanto Company DuPont Pioneer Syngenta
Belknap, J.K. et al.	1996	Type I and type II error rates for quantitative trait loci (QTL) mapping studies using recombinant inbred mouse strains	Behavior Genetics 26:149–160	Belknap, J.K.	Oregon Health Sciences University	Not Reported	
Bennett et al.	2006	The economic impact of genetically modified cotton on South African smallholders: Yield, profit and health effects	Journal of Development Studies 42:662–677.	Bennett, R.	University of Reading	Government (Non-U.S.)	U.K. Department for International Development
Berry, C.	2013	Letter to the Editor	Food and Chemical Toxicology 53:445–446	Berry, C.		N/A	
Bhatnagar-Mathus et al.	2015	Biotechnological advances for combating Aspergillus flavus and aflatoxin contamination in crops	Plant Science 234:119–132	Bhatnagar-Mathus, P.	International Crops Research Institute for the Semi-Arid-Tropics (ICRISAT)	Nonprofit	CGIAR Research Program on Grain Legumes
Biol et al.	2015	Developing country consumers' acceptance of biofortified foods: A synthesis	Food Security 7:555–568	Biol, E	International Food Policy Research Institute (IFPRI)	Not Reported	

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Bøhn et al.	2014	Compositional differences in soybeans on the market: Glyphosate accumulates in Roundup Ready GM soybeans	Food Chemistry 153:207–215.	Bøhn, T.	GenØk – Centre for Biosafety	Government (Non-U.S.)	Research Council of Norway
Boobis et al.	2008	Cumulative risk assessment of pesticide residues in food	Toxicology Letters 180:137–150.	Boobis, A.R.	Imperial College London	Not Reported	
Bowen et al.	2014	Insect damage, aflatoxin content, and yield of Bt corn in Alabama	Journal of Economic Entomology 107:1818–1827.	Bowen, K.L.	Auburn University	Not Reported	
Bowers et al.	2014	Comparison of fumonisin contamination using HPLC and ELISA methods in Bt and near-isogenic maize hybrids infested with European corn borer or Western bean cutworm	Journal of Agricultural and Food Chemistry 62:6463–6472	Bowers, E.	Iowa State University	Government (U.S.)	Biotechnology Risk Assessment Program from the U.S. Department of Agriculture -National Institute of Food and Agriculture
						Industry	DuPont Pioneer
Brigulla, M. and W. Wackernagel	2010	Molecular aspects of gene transfer and foreign DNA acquisition in prokaryotes with regard to safety issues	Applied Microbiology and Biotechnology 86:1027–1041.	Brigulla, M.	Federal Office of Consumer Protection and Food Safety	Not Reported	
Brix et al.	2005	Incidences of selected lesions in control female Harlan Sprague–Dawley rats from two-year studies performed by the National Toxicology Program	Toxicologic Pathology 33:477–483.	Brix, A.E.	Experimental Pathology Laboratories	Not Reported	

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Brouk et al.	2011	Performance of lactating dairy cows fed corn as whole plant silage and grain produced from genetically modified corn containing event DAS-59122-7 compared to a nontransgenic, near-isogenic control.	Journal of Dairy Science 94:1961-1966	Brouk, M.J.	Kansas State University	Not Reported	
Bush et al.	1985	Soybean oil is not allergenic to soybean-sensitive individuals	Journal of Allergy and Clinical Immunology 76:242-245	Bush, R.K.	University of Wisconsin, Madison The William S. Middleton Memorial Veterans Hospital	Not Reported	
Butler, D.	2012	Hyped GM Maize Study Faces Growing Scrutiny	http://www.nature.com/news/hyped-gm-maize-study-faces-growing-scrutiny-1.11566	Butler, D.	Nature	N/A	
Buzoianu et al.	2012	Effects of feeding Bt maize to sows during gestation and lactation on maternal and offspring immunity and fate of transgenic material	PLoS ONE 7:e47851	Buzoianu, S.G.	Teagasc	Government (Non-U.S.)	European Union's Seventh Framework Programme
						Academia	
Buzoianu et al.	2012	Effect of feeding genetically modified Bt MON810 maize to approximately 40-day-old pigs for 110 days on growth and health indicators	Animal 6:1609-1619	Buzoianu, S.G.	Teagasc	Government (Non-U.S.)	European Union's Seventh Framework Programme
Buzoianu et al.	2012	The effect of feeding Bt MON810 maize to pigs for	PLoS One 7:e33668	Buzoianu, S.G.	Teagasc	Government (Non-U.S.)	European Union

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		110 days on intestinal microbiota.				Academia	Teagasc Walsh Fellowship Programme
Buzoianu et al.	2012	High-throughput sequence-based analysis of the intestinal microbiota of weanling pigs fed genetically modified MON810 maize expressing Bacillus thuringiensis Cry1Ab (Bt maize) for 31 days.	Applied and Environmental Microbiology 78:4217–4224	Buzoianu, S.G.	Teagasc	Government (Non-U.S.)	European Union
						Academia	Teagasc Walsh Fellowship Programme
Buzoianu et al.	2013	Sequence-based analysis of the intestinal Microbiota of sows and their offspring fed genetically modified maize expressing a truncated form of Bacillus thuringiensis Cry1Ab protein (Bt Maize).	Applied and Environmental Microbiology 79:7735–7744	Buzoianu, S.G.	Teagasc	Government (Non-U.S.)	European Union
						Academia	Teagasc Walsh Fellowship Programme
Buzoianu et al.	2013	Transgenerational effects of feeding genetically modified maize to nulliparous sows and offspring on offspring growth and health	Journal of Animal Science 91:318–330	Buzoianu, S.G.	Teagasc	Government (Non-U.S.)	European Union
						Academia	Teagasc Walsh Fellowship Programme
CAC (Codex Alimentarius Commission)	2003	Guideline for the Conduct of Food Safety Assessment of Foods Using Recombinant DNA Plants	Doc CAC/GL 45-2003. Rome: World Health Organization and Food and Agriculture Organization	CAC (Codex Alimentarius Commission)	Rome: World Health Organization and Food and Agriculture Organization	N/A	

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CAC (Codex Alimentarius Commission)	2008	Annex 2: Food Safety Assessment of Foods Derived from Recombinant-DNA Plants Modified for Nutritional or Health Benefits in Guideline for the Conduct of Food Safety Assessment of Foods Using Recombinant DNA Plants	Doc CAC/GL 45-2003. Rome: World Health Organization and Food and Agriculture Organization.	CAC (Codex Alimentarius Commission)		N/A	
CAC (Codex Alimentarius Commission)	2009	Foods derived from modern biotechnology	Rome: World Health Organization and Food and Agriculture Organization	CAC (Codex Alimentarius Commission)	Rome: World Health Organization and Food and Agriculture Organization	N/A	
Callahan, P.	2016	Court clears way for revival of worrisome weedkiller. EPA nixes approval of Enlist Duo weed killer	Online. Chicago Tribune. Available at http://www.chicagotribune.com/news/watchdog/ct-dow-enlist-duo-court-ruling-20160127- . Accessed March 21, 2016.	Callahan, P.	Chicago Tribune	N/A	

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Calsamiglia et al.	2007	Effects of corn silage derived from a genetically modified variety containing two transgenes on feed intake, milk production, and composition, and the absence of detectable transgenic deoxyribonucleic acid in milk in Holstein dairy cows	Journal of Dairy Science 90:4718–4723	Calsamiglia, S.	Autonomous University of Barcelona	Not Reported	
Catassi, C. D. et al.	2010	Natural history of celiac disease autoimmunity in a USA cohort followed since 1974	Annals of Medicine 42:530–538	Catassi, C. D.	University of Maryland Baltimore	Nonprofit	Center for Celiac Research
						Academia	University of Maryland School of Medicine
						Industry	Quest Diagnostics Incorporated Phadia GmbH Schar USA Inc BioDiagene
CDC (Centers for Disease Control and Prevention)	2014	Prevalence of autism spectrum disorder among children aged 8 years — autism and developmental disabilities monitoring network, 11 sites, United States, 2010	Morbidity and Mortality Weekly Report 63:1–21	CDC (Centers for Disease Control and Prevention)		N/A	
Coresh, J.	2003	Prevalence of chronic kidney disease and decreased kidney function in the adult US population: Third national health and nutrition examination survey	American Journal of Kidney Diseases 41:1–12.	Coresh, J.	Johns Hopkins University	Not Reported	

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Coresh, J.	2007	Prevalence of Chronic Kidney Disease in the United States	Journal of the American Medical Association 298:2038–2047	Coresh, J.	Johns Hopkins University	Not Reported	
Costa et al.	2010	Detection of genetically modified soybean DNA in refined vegetable oils	European Food Research and Technology 230:915–923.	Costa, J.	Universidade do Porto	Industry	SOVENA (Portugal)
Costa et al.	2010	Monitoring genetically modified soybean along the industrial soybean oil extraction and refining processes by polymerase chain reaction techniques.	Food Research International 43:301–306.	Costa, J.	Universidade do Porto	Not Reported	
Council on Science and Public Health	2012	Report 2 (A-12). Labeling of Bioengineered Foods (Resolutions 508 and 509-A-11)	Available at http://factsab.outgmos.org/sites/default/files/AMA%20Report.pdf . Accessed March 12, 2016.	Council on Science and Public Health		N/A	
Datta et al.	2007	Golden rice: Introgression, breeding, and field evaluation	Euphytica 154:271–278	Datta, S K.	University of Calcutta	Government (U.S.)	U.S. Agency for International Development
						Nonprofit	HarvestPlus
David et al.	2014	Diet rapidly and reproducibly alters the human gut microbiome	Nature 505:559–563	David, L.A.	Harvard University	Government (U.S.)	National Institutes of Health (NIH) Boston Nutrition Obesity Research Center

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Davis et al.	1956	Tumor incidence in normal Sprague-Dawley female rats	Cancer Research 16:194–197	Davis, R.K.	Taft Sanitary Engineering Center	Not Reported	
DeFrancesco, L.	2013	How safe does transgenic food need to be?	Nature Biotechnology 31:794-802	DeFrancesco, L.	Nature Biotechnology	N/A	
de Luis et al.	2009	Immunochemical detection of Cry1A(b) protein in model processed foods made with transgenic maize	European Food Research and Technology 229:15–19	de Luis, R.	University of Zaragoza	Government (Non-U.S.)	CICYT (Interministerial Commission on Science and Technology)
De Moura et al.	2015	Retention of provitamin A carotenoids in staple crops targeted for biofortification in Africa: Cassava, maize and sweet potato	Critical Reviews in Food Science and Nutrition 55:1246–1269	De Moura, F.F.	HarvestPlus	Not Reported	
De Roos, A.J. et al.	2005	Cancer incidence among glyphosate-exposed pesticide applicators in the Agricultural Health Study	Environmental Health Perspective 113:49–54	De Roos, A.J.	University of Washington	Not Reported	
Demont, M. and A.J. Stein	2013	Global value of GM rice: A review of expected agronomic and consumer benefits	New Biotechnology 30:426–436	Demont, M.	AfricaRice	Government (Non-U.S.)	European Union
Dethlefsen, L. and D A. Relman	2011	Incomplete recovery and individualized responses of the human distal gut microbiota to repeated antibiotic perturbation	Proceedings of the National Academy of Sciences of the United States of America 108: 4554–4561	Dethlefsen, L.	Stanford University	Nonprofit	Doris Duke Charitable Trust
						Government (U.S.)	National Institutes of Health (NIH)
						Academia	Stanford University

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Dev, M.S. and N.C. Rao	2007	Socio-economic Impact of Bt Cotton	Monograph No. 3. Hyderabad: Centre for Economic and Social Studies	Dev, M.S.	Hyderabad: Centre for Economic and Social Studies.	N/A	
Diaz et al.	2002	Determination of Cry9C protein in processed foods made with StarLink™ corn	Journal of AOAC International 85:1070–1076	Diaz, C.	National Food Processors Association	Not Reported	
Dinse et al.	2010	Comparison of NTP historical control tumor incidence rates in female Harlan Sprague–Dawley and Fischer 344/N rats	Toxicologic Pathology 38:765–775	Dinse, G.E.	National Institutes of Health -National Institute of Environmental Health Sciences	Government (U.S.)	National Institutes of Health (NIH) National Institute of Environmental Health Sciences
Dixon, R.A.	2001	Natural products and disease resistance	Nature 411:843–847	Dixon, R.A.	Samuel Roberts Noble Foundation	Not Reported	
Dixon, R.A.	2004	Phytoestrogens	Annual Review of Plant Biology 55:225–261	Dixon, R.A.	Samuel Roberts Noble Foundation	Foundation	The Samuel Roberts Noble Foundation
						Government (U.S.)	The Oklahoma Center for the Advancement of Science and Technology Health Sciences Program
Domingo J.L. and J.G. Bordonaba	2011	A literature review on the safety assessment of genetically modified plants	Environment International 37:734–742	Domingo J.L.	Rovira i Virgili University	Not Reported	
Dona, A. et al.	2009	Health risks of genetically modified foods	Critical Reviews in Food Science and Nutrition 49:164–175	Dona, A.	University of Athens	Not Reported	

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Duke et al.	2003	Isoflavone, glyphosate, and aminomethylphosphonic acid levels in seeds of glyphosate-treated, glyphosate resistant soybean	Journal of Agricultural and Food Chemistry 51:340–344	Duke, S.O.	U.S. Department of Agriculture-Agricultural Research Service	Not Reported	
Dung, L.T. and L.H. Ham	2013	Comments on “Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize	Food and Chemical Toxicology 53:443–444	Dung, L.T.	Agricultural Genetics Institute	N/A	
Dunn, O.J.	1961	Multiple comparisons among means	Journal of the American Statistical Association 56:52–64	Dunn, O.J.		N/A	
EC (European Commission)	2010	A Decade of EU-funded GMO Research (2001–2010)	Brussels: European Commission	EC (European Commission)		N/A	
EC (European Commission)	2010	Directive 2010/63/EU of the European Parliament and of the Council of 22 September 2010 on the protection of animals used for scientific purposes	Official Journal of the European Union 276:33–79	EC (European Commission)		N/A	

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EC (European Commission)	2013	Commission implementing regulation (EU) No 503/2013 of 3 April 2013 on applications for authorisation of genetically modified food and feed in accordance with Regulation (EC) No 1829/2003 of the European Parliament and of the Council and amending Commission Regulations (EC) No 641/2004 and (EC) No 1981/2006.	Official Journal of the European Union 157:1–48	EC (European Commission)		N/A	
EFSA (European Food Safety Authority)	2007	Statement of the Scientific Panel on Genetically Modified Organisms on the Analysis of Data from a 90-day Rat Feeding Study with MON 863 Maize	http://www.efsa.europa.eu/sites/default/files/scientific_output/files/main_documents/GMO_statement_MON863%2C0.pdf	EFSA (European Food Safety Authority)		N/A	
EFSA (European Food Safety Authority)	2010	Scientific opinion on the assessment of allergenicity of GM plants and microorganisms and derived food and feed	EFSA Journal 8:1700	EFSA (European Food Safety Authority)		N/A	
EFSA (European Food Safety Authority)	2011	Guidance on risk assessment of food and feed from genetically modified plants	EFSA Journal 9:2150	EFSA (European Food Safety Authority)		N/A	
EFSA (European Food Safety Authority)	2011	Scientific opinion on guidance on conducting repeated-dose 90-day oral toxicity study in rodents on whole food/feed	EFSA Journal 9:2438	EFSA (European Food Safety Authority)		N/A	

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EFSA (European Food Safety Authority)	2011	Statistical significance and biological relevance	EFSA Journal 9:2372	EFSA (European Food Safety Authority)		N/A	
EFSA (European Food Safety Authority)	2012	Review of the Séralini et al. (2012) publication on a 2-year rodent feeding study with glyphosate formulations and GM maize NK603 as published online on 19 September 2012 in Food and Chemical Toxicology	EFSA Journal 10:2910	EFSA (European Food Safety Authority)		N/A	
EFSA (European Food Safety Authority)	2013	Scientific Opinion on application EFSA-GMO-NL-2007-45 for the placing on the market of herbicide-tolerant, high-oleic acid, genetically modified soybean 305423 for food and feed uses, import and processing under Regulation (EC) No 1829/2003 from Pioneer	EFSA Journal 11:3499,	EFSA (European Food Safety Authority)		N/A	
EFSA (European Food Safety Authority)	2015	Conclusion on the peer review of the pesticide risk assessment for the active substance glyphosate	EFSA Journal 13:4302	EFSA (European Food Safety Authority)		N/A	

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Einspanier, R.	2013	The fate of transgenic DNA and newly expressed proteins	Pp. 130–139 in Animal Nutrition with Transgenic Plants, G. Flachowsky, ed. Oxfordshire: UK: CABI Biotechnology Series	Einspanier, R.	Free University of Berlin	N/A	
El Ouakfaoui, S. and B. Miki	2005	The stability of the Arabidopsis transcriptome in transgenic plants expressing the marker genes nptII and uidA	Plant Journal 41:791–800	El Ouakfaoui, S.	Agriculture & Agri Food Canada	Government (Non-U.S.)	Agri Food Canada
Entine, J.	2014		Presentation to Committee	Entine, J.	Genetic Literacy	N/A	
EPA (U.S. Environmental Protection Agency)	1989	Good laboratory practice standards	Federal Register 54:34067	EPA (U.S. Environmental Protection Agency)		N/A	
EPA (U.S. Environmental Protection Agency)	2001	Bacillus thuringiensis subspecies Cry1F Protein and the Genetic Material Necessary for Its Production (Plasmid Insert PHI 8999) in Corn	. Available at http://ofmpub.epa.gov/apex/pesticides/f?p=chemicalsearch:3:0::no:1,3,31,7,12,25:p3_xchemical_id:1322 . Accessed October 10, 2015	EPA (U.S. Environmental Protection Agency)		N/A	

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EPA (U.S. Environmental Protection Agency)	2001	EPA Releases Draft Report on Starlink corn	Online. EPA Press Release. Available at https://yosemite.epa.gov/opa/admpress.nsf/blab9f485b098972852562e7004dc686/cd9013801973259885256a0800710574?OpenDocument . Accessed March 12, 2016	EPA (U.S. Environmental Protection Agency)		N/A	
EPA (U.S. Environmental Protection Agency)	2013	Glyphosate; Pesticide tolerances	Federal Register 78:25396–25401	EPA (U.S. Environmental Protection Agency)		N/A	
EPA (U.S. Environmental Protection Agency)	2014	Final Registration of Enlist Duo™ Herbicide	October 15. Available at http://www2.epa.gov/sites/production/files/2014-10/documents/final_registration_-_enlist_duo.pdf . Accessed October 13, 2015	EPA (U.S. Environmental Protection Agency)		N/A	

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EPA (U.S. Environmental Protection Agency)	2014	Memorandum: Response to Public Comments Received Regarding New Uses of Enlist Duo™ on Corn and Soybeans	October 14. Available at http://www2.epa.gov/sites/production/files/2014-10/documents/response_to_comments.pdf . Accessed October 10, 2015	EPA (U.S. Environmental Protection Agency)		N/A	
EPA (U.S. Environmental Protection Agency)	2014	SAP Minutes No. 2014-02, A Set of Scientific Issues Being Considered by the Environmental Protection Agency Regarding: RNAi Technology: Problem Formulation for Human Health and Ecological Risk Assessment	Available at https://www.epa.gov/sites/production/files/2015-06/documents/012814minutes.pdf . Accessed March 13, 2016.	EPA (U.S. Environmental Protection Agency)		N/A	
EPA (U.S. Environmental Protection Agency)	2015	EDSP Weight of Evidence Analysis of Potential Interaction with the Estrogen, Androgen, or Thyroid Pathway; Chemical: Glyphosate	Available at https://www.epa.gov/sites/production/files/2015-06/documents/glyphosate-417300_2015-06-29_txr0057175.pdf . Accessed March 13, 2016	EPA (U.S. Environmental Protection Agency)		N/A	

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Fagan et al.	2014	GMO Myths and Truths	London: Earth Open Source	Fagan, J.		N/A	
Fasano, A. I. et al.	2003	Prevalence of celiac disease in at-risk and not-at-risk groups in the United States: A large multicenter study	Archives of Internal Medicine 163:286–292	Fasano, A. I.	University of Maryland Baltimore	Not Reported	
FDA (U.S. Food and Drug Administration)	1979	Good Laboratory Practice Regulations Management Briefings: Post Conference Report	Rockville, MD: FDA.	FDA (U.S. Food and Drug Administration)		N/A	
FDA (U.S. Food and Drug Administration)	2000	Guidance for Industry and Other Stakeholders: Toxicological Principles for the Safety Assessment of Food Ingredients (Redbook 2000)	Available at http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/IngredientsAdditivesGRASPackaging/ucm2006826.htm . Accessed October 29, 2015	FDA (U.S. Food and Drug Administration)		N/A	

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FDA (U.S. Food and Drug Administration)	2000	Survey Data on Acrylamide in Food: Total Diet Study Results	Available at http://www.fda.gov/Food/FoodborneIllnessContaminants/ChemicalContaminants/ucm053566.htm . Accessed October 30, 2015	FDA (U.S. Food and Drug Administration)		N/A	
FDA (U.S. Food and Drug Administration)	2002	Survey Data on Acrylamide in Food: Individual Food Products	Available at http://www.fda.gov/food/foodborneillnesscontaminants/chemicalcontaminants/ucm053549.htm . Accessed December 22, 2015	FDA (U.S. Food and Drug Administration)		N/A	
FDA (U.S. Food and Drug Administration)	2013	Biotechnology Consultation Note to the File BNF No. 000133. December 16	Available at http://www.fda.gov/Food/FoodScienceResearch/GEPlants/Submissions/ucm382207.htm . Accessed October 29, 2015	FDA (U.S. Food and Drug Administration)		N/A	

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FDA (U.S. Food and Drug Administration)	2015	Biotechnology Consultation Agency Response Letter BNF No. 000141. March 20	Available at http://www.fda.gov/Food/FoodScienceResearch/GEPlants/Submissions/ucm436169.htm . Accessed October 30, 2015	FDA (U.S. Food and Drug Administration)		N/A	
Fernandez, A. et al.	2013	Endogenous allergens and compositional analysis in the allergenicity assessment of genetically modified plants	Food and Chemical Toxicology 62:1–6	Fernandez, A.	European Food Safety Authority	Not Reported	
Feron, V.J. and J.P. Groten	2002	Toxicological evaluation of chemical mixtures	Food and Chemical Toxicology 40:825–839	Feron, V.J.	Netherlands Organization Applied Science Research	Not Reported	
Ferruzzi, M.G.	2010	The influence of beverage composition on delivery of phenolic compounds from coffee and tea	Physiology & Behavior 100:33–41	Ferruzzi, M.G.	Purdue University	Not Reported	
Finamore A. et al.	2008	Intestinal and peripheral immune response to MON810 maize ingestion in weaning and old mice	Journal of Agricultural and Food Chemistry 56:11533–11539. Folta, K. 2014. Letter to the Editor. Food and Chemical Toxicology 65:392	Finamore, A.	Council for Research and Experimentation in Agriculture (CRA)	Not Reported	

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Folta, K.	2014	Letter to the Editor	Food and Chemical Toxicology 65:392	Folta, K.		N/A	
Fonseca, C. et al.	2012	Characterization of maize allergens—MON810 vs. its non-transgenic counterpart	Journal of Proteomics 75:2027–2037	Fonseca, C.	National Institute of Health (Portugal)	Not Reported	
Forouzanfar, M.H. et al.	2011	Breast and cervical cancer in 187 countries between 1980 and 2010: A systematic analysis	Lancet 378:1461–1484	Forouzanfar, M.H.	University of Washington	Nonprofit	Susan G Komen for the Cure
						Foundation	Bill & Melinda Gates Foundation
Franz J.E. et al.	1997	Glyphosate: A Unique Global Herbicide	ACS Monograph 189. Washington, DC: American Chemical Society	Franz J.E.		N/A	
Friedman, M.	2006	Potato glycoalkaloids and metabolites: Roles in the plant and in the diet	Journal of Agricultural and Food Chemistry 54:8655–8681.	Friedman, M.	U.S. Department of Agriculture-Agricultural Research Service	Not Reported	
Fryar, C.D. et al.	2014	Prevalence of overweight, obesity, and extreme obesity among adults: United States, 1960–1962 through 2011–2012	http://www.cdc.gov/nchs/data/hestat/obesity_adult_11_12/obesity_adult_11_12.pdf .	Fryar, C.D.	Centers for Disease Control and Prevention	N/A	

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FSANZ	2013	GM Food Labelling	http://www.foodstandards.gov.au/consumer/gmfood/labelling/Pages/default.aspx	FSANZ (Food Standards Australia New Zealand)		Government (Non-U.S.)	Food Standards Australia New Zealand
Fukushima et al.	2014	Metabolomic characterization of knockout mutants in Arabidopsis: Development of a metabolite profiling database for knockout mutants in Arabidopsis.	Plant Physiology 165:948–961	Fukushima, A.	RIKEN Center for Sustainable Resource Science	Government (U.S.)	U.S. National Science Foundation National Institutes of Health (NIH) Institute of General Medical Sciences
						Government (Non-U.S.)	Japan Advanced Plant Science Network Ministry of Education, Culture, Sports, Science, and Technology of Japan Japan Science and Technology Agency Strategic International Collaborative Research Program
Furgal-Dieriuk et al.	2015	The effect of genetically modified feeds on productivity, milk composition, serum metabolite profiles and transfer of tDNA into milk of cows	Journal of Animal and Feed Sciences 24:19–30	Furgal-Dieriuk, I.	National Research Institute of Animal Production	Not Reported	

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Gannon et al.	2014	Biofortified orange maize is as efficacious as a vitamin A supplement in Zambian children even in the presence of high liver reserves of vitamin A: A community-based, randomized placebo-controlled trial	American Journal of Clinical Nutrition 100:1541–1550	Gannon, B.	University of Wisconsin Madison	Nonprofit	HarvestPlus
						Government (U.S.)	National Institutes of Health (NIH)
García-Villalba et al.	2008	Comparative metabolomic study of transgenic versus conventional soybean using capillary electrophoresis-time-of-flight mass spectrometry	Journal of Chromatography A 1195:164–173	Garcia-Canas, V.	Spanish National Research Council	Not Reported	
Gasnier et al.	2009	Glyphosate-based herbicides are toxic and endocrine disruptors in human cell lines	Toxicology 262:184–191	Gasnier, C.	University of Caen	Government (Non-U.S.)	Regional Council of Lower Normandy
						Nonprofit	Ethic Committee of U a Nature Group/Jardin Bio CRIIGEN
Goodman,R.	2015	Evaluating GE Food Sources for Risks of Allergy: Methods, Gaps and Perspective	Presentation to Committee	Goodman,R.	University of Nebraska–Lincoln	N/A	
Goodman et al.	2013	Evaluation of endogenous allergens for the safety evaluation of genetically engineered food crops: Review of potential risks, test methods, examples and relevance	Journal of Agricultural and Food Chemistry 61:8317–8332	Goodman, R.E.	University of Nebraska Lincoln	Industry	BASF Plant Science Bayer CropScience
						Government (U.S.)	U.S. Environmental Protection Agency

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Graf et al.	2014	Endogenous allergens in the regulatory assessment of genetically engineered crops	Food and Chemical Toxicology 73:17–20	Graf, L.	Food Standards Australia New Zealand	Not Reported	
Green, P.H. and C. Cellier	2007	Celiac disease	New England Journal of Medicine 357:1731–1743	Green, P.H.	Columbia University College of Physicians and Surgeons	Not Reported	
Guertler et al.	2009	Sensitive and highly specific quantitative real-time PCR and ELISA for re-cording a potential transfer of novel DNA and Cry1Ab pro-tein from feed into bovine milk	Analytical and Bioanalytical Chemistry 393:1629–1638	Guertler, P.	Technische Universität München	Government (Non-U.S.)	Bavarian State Ministry of Nutrition, Agriculture and Forestry
Gupta et al.	2007	Time trends in allergic disorders in the UK	Thorax 62:91–96	Gupta, R.	St. Georges University London	Nonprofit	The British Society for Allergy and Clinical Immunology
Guyton et al	2005	Carcinogenicity of tetrachlorvinphos, parathion, malathion, diazinon, and glyphosate	Lancet Oncology 16:490–491	Guyton, K.Z.	International Agency for Research on Cancer Lyon, France	Not Reported	
Halle, I. and G. Flachowsky	2014	A four-generation feeding study with genetically modified (Bt) maize in laying hens	Journal of Animal and Feed Sciences 23:58–63	Halle, I.	National Institute for Animal Health of Germany	Not Reported	
Hammond et al.	2004	Results of a 13 week safety assurance study with rats fed grain from glyphosate tolerant corn.	Food and Chemical Toxicology 42:1003–1014	Hammond, B.	Monsanto Company	Not Reported	
Hammond et al.	2006	Results of a 90-day safety assurance study with rats fed grain from corn borer-protected corn	Food and Chemical Toxicology 44:1092–1099	Hammond, B.G.	Monsanto Company	Not Reported	

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Hammond et al.	2013	Response to original research article, 'Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize'	Food and Chemical Toxicology 53:459–464	Hammond, B.	Monsanto Company	Industry	Monsanto Company
Hayes, A.W.	2014	Retraction notice to "Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize."	Food and Chemical Toxicology 63:244	Hayes, A.W.		N/A	
He et al.	2008	Comparison of grain from corn rootworm resistant transgenic DAS-59122-7 maize with non-transgenic maize grain in a 90-day feeding study in Sprague-Dawley rats	Food and Chemical Toxicology 46:1994–2002	He, X.Y.	China Agricultural University	Government (Non-U.S.)	Ministry of Agriculture of China Ministry of Science and Technology
						Industry	DuPont Pioneer
He et al.	2009	A90-day toxicology study of transgenic lysine-rich maize grain (Y642) in Sprague-Dawley rats	Food and Chemical Toxicology 47:425–432	He, X.Y.	China Agricultural University	Government (Non-U.S.)	Ministry of Science and Technology of the People's Republic of China Ministry of Agriculture of China

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Health Canada	1999	Novel Food Information – Food Biotechnology	High Lauric Acid Canola Lines 23-198, 23-18-17. Available at http://www.hc-sc.gc.ca/fn-an/alt_formats/hpfb-dgpsa/pdf/gmf-agm/ofb-096-100-a-eng.pdf . Accessed May 11, 2016.	Health Canada		N/A	
Health Canada	2015	Proposed Re-evaluation Decision PRVD2015-01, Glyphosate	Available at http://www.hc-sc.gc.ca/cps-spc/pest/part/consultations/_prvd2015-01/prvd2015-01-eng.php . Accessed March 13, 2016	Health Canada		N/A	
Hefferon, K.L.	2015	Nutritionally enhanced food crops; Progress and perspectives	International Journal of Molecular Sciences 16:3895–3914	Hefferon, K.L.	University of Toronto	Not Reported	

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Hellenas et al.	1995	. High levels of glycoalkaloids in the established Swedish potato variety Magnum Bonum	Journal of the Science of Food and Agriculture 23:520–523	Hellenas, K.E.	Swedish National Food Administration	Not Reported	
Herman, R.A. and W.D. Price	2013	Unintended compositional changes in genetically modified (GM) crops: 20 years of research	Journal of Agricultural and Food Chemistry 61:11695–11701	Herman, R.A.	Dow Chemical Company	Not Reported	
Herman, R.A. et al.	2006	Digestion assays in allergenicity assessment of transgenic proteins	Environmental Health Perspectives 114:1154–1157	Herman, R.A.	Dow Agrosciences	Industry	Dow Agrosciences
Hernández et al.	2013	Toxic effects of pesticide mixtures at a molecular level: Their relevance to human health	Toxicology 307:136–145	Hernández, A.F.	University of Granada	Government (Non-U.S.)	Council of Innovation of the Andalusian Government
Hidalgo, F.J. and R. Zamora	2006	Peptides and proteins in edible oils: Stability, allergenicity, and new processing trends	Trends in Food Science & Technology 17:56–63	Hidalgo, F.J.		Government (Non-U.S.)	European Union Plan Nacional de ICD of the Ministerio de Educación y Ciencia of Spain
Hilbeck et al.	2015	No scientific consensus on GMO safety	Environmental Sciences Europe 27:4	Hilbeck, A.	European Network of Scientists for Social and Environmental Responsibility	Not Reported	
Hohlweg, U. and W. Doerfler	2001	. On the fate of plant or other foreign genes upon the uptake in food or after intramuscular injection in mice	Molecular Genetics and Genomics 265:225–233	Hohlweg, U.	University of Cologne	Government (Non-U.S.)	Federal Ministry of Education and Science

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Hotz et al.	2012 a	Introduction of beta-carotene-rich orange sweet potato in rural Uganda resulted in increased vitamin A intakes among children and women and improved vitamin A status among children	Journal of Nutrition 142:1871–1880	Hotz, C.	International Food Policy Research Institute	Foundation	Bill and Melinda Gates Foundation
						Government (Non-U.S.)	Danish International Development Agency
							Swedish International Development Cooperation Agency
							Department for International Development (DFID, United Kingdom)
							U.S. Agency for International Development
							World Bank
						Industry	Syngenta
Hotz et al.	2012 b	A large-scale intervention to introduce orange sweet	British Journal of	Hotz, C.	International Food Policy Research	Foundation	Bill and Melinda Gates Foundation

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		potato in rural Mozambique increases vitamin A intakes among children and women	Nutrition 108:163–176		Institute	<p>Government (Non-U.S.)</p> <p>Danish International Development Agency</p> <p>Swedish International Development Cooperation Agency</p> <p>Department for International Development (DFID, United Kingdom)</p> <p>U.S. Agency for International Development</p> <p>World Bank</p>
						<p>Industry</p> <p>Syngenta</p>
Huang et al.	2002	Bt cotton benefits, costs, and impacts in China	AgBioForum 5:153–166	Huang, J.	Center for Chinese Agricultural Policy, Chinese Academy of Sciences	<p>Government (Non-U.S.)</p> <p>National Natural Science Foundation of China</p> <p>Chinese Academy of Science</p>
Huang et al.	2005	Insect-resistant GM rice in farmers' fields: Assessing productivity and health effects in China	Science 308:688–690	Huang, J.	Center for Chinese Agricultural Policy, Chinese Academy of Sciences	<p>Government (Non-U.S.)</p> <p>National Natural Science Foundation of China</p> <p>The Chinese Academy of Science</p>

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IARC (International Agency for Research on Cancer)	2002	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 82: Some Traditional Herbal Medicines, Some Mycotoxins, Naphthalene, and Styrene	Lyon, France: IARC.	IARC (International Agency for Research on Cancer)		Government (U.S.)	National Cancer Institute (NCI) National Institutes of Health (NIH) U.S. Department of Health & Human Services (HHS)
IARC (International Agency for Research on Cancer)	2006	. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 88: Formaldehyde, 2-Butoxyethanol, and 1-tert--Butoxypropan-2-ol	Lyon, France: IARC	IARC (International Agency for Research on Cancer)		Not Reported	
IARC (International Agency for Research on Cancer)	2015	Glyphosate. Part of Volume 112 in International Agency for Research on Cancer Monographs on the Evaluation of Carcinogenic Risks to Humans: Some Organophosphate Insecticides and Herbicides: Diazinon, Glyphosate, Malathion, Parathion, and Tetrachlorvinphos	http://monographs.iarc.fr/ENG/Monographs/vol112/mono112-09.pdf .	IARC (International Agency for Research on Cancer)		Not Reported	
Ibáñez et al.	2015	The role of direct high-resolution mass spectrometry in foodomics	Analytical and Bioanalytical Chemistry 407:6275–6287	Ibáñez, C.	Spanish National Research Council (CSIC)	Government (Non-U.S.)	Ministry of Economy and Competitiveness (Spain) CAPES Foundation, Ministry of Education (Brazil)
Jackson et al.	2003	Trends in allergic conditions among children: United States 1997–2011	NCHS Data Brief 121:1–8	Jackson, K. D.	CDC	N/A	

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Jaffe, G.	2014	Issues for the Committee on Genetically Engineered Crops to Consider	Presentation to Committee	Jaffe, G.	Center for Science in the Public Interest	N/A	
John, B.	2014	Letter to the Editor	Food and Chemical Toxicology 65:391	John, B.		N/A	
Johnson, N.	2014	Retracted Roundup-fed Rat Research Republished	The Grist	Johnson, N.	Grist	N/A	
Jones, Y. M. and A. De Brauw	2015	Using Agriculture to Improve Child Health: Promoting Orange Sweet Potatoes Reduces Diarrhea	World Development Vol. 74, pp. 15–24	Jones, Y. M.	International Food Policy Research Institute (IFPRI)	Government (Non-U.S.)	European Commission
Joshi et al.	2002	Metabolomics of plant saponins: Bioprospecting triterpene glycoside diversity with respect to mammalian cell targets	OMICS A Journal of Integrative Biology 6:235–246	Joshi, L.	Arizona State University,	Government (Non-U.S.)	Department of Biotechnology, Government of India
						Foundation	Foundation for Research and the Clayton Foundation for Research
Keese, P.	2008	Risks from GMOs due to horizontal gene transfer	Environmental Biosafety Research 7:123–149	Keese, P.	Australian Government	Government (U.S.)	Office of the Gene Technology Regulator (Australia)
Kiliç, A. and M.T. Akay	2008	A three-generation study with genetically modified Bt corn in rats: Biochemical and histopathological investigation	Food and Chemical Toxicology 46:1164–1170	Kilic, A.	Hacettepe University	Not Reported	
Knudsen, I. and M. Poulsen	2007	Comparative safety testing of genetically modified foods in a 90-day rat feeding study design allowing the distinction between primary and secondary effects of the new genetic event	Regulatory Toxicology and Pharmacology 49:53–62	Knudsen, I.	Technical University of Denmark	Government (Non-U.S.)	European Commission

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Kouser, S. and M. Qaim	2011	Impact of Bt cotton on pesticide poisoning in smallholder agriculture: A panel data analysis	Ecological Economics 70:2105–2113	Kouser, S.	University of Gottingen	Foundation	German Research Foundation (DFG)
						Government (Non-U.S.)	The Higher Education Commission (HEC) of Pakistan
						Nonprofit	German Agricultural Society (DLG)
Kouser, S. and M. Qaim	2013	Valuing financial, health, and environmental benefits of Bt cotton in Pakistan	Agricultural Economics 44:323–335	Kouser, S.	University of Gottingen	Government (Non-U.S.)	Higher Education Commission (HEC) of Pakistan
Krimsky, S.	2015	An illusory consensus behind GMO health assessment	Science, Technology, & Human Values 40:883–914	Krimsky, S	Tufts University	Not Reported	
Krishnan et al.	2010	Maize 27 kDa gamma-zein is a potential allergen for early weaned pigs	Journal of Agricultural and Food Chemistry 58:7323–7328	Krishnan, H.B,	University of Missouri Columbia	Not Reported	
Kuc, J.	1982	Phytoalexins from the Solanaceae	Pp. 81–105 in Phytoalexins, J.A. Bailey and J.W. Mansfield, eds. New York: Wiley	Kuc, J.		N/A	
Kuiper et al.	2013	New EU legislation for risk assessment of GM food: No scientific justification for mandatory animal feeding trials	Plant Biotechnology Journal 11:781–784	Kuiper, H.A.	Wageningen University & Research Center	Not Reported	

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Ladics, G.S. and M.K. Selgrade	2009	Identifying food proteins with allergenic potential: Evolution of approaches to safety assessment and research to provide additional tools	Regulatory Toxicology and Pharmacology 54:S2-S6	Ladics, G.S.	DuPont Pioneer	Not Reported	
Ladics et al.	2014	Measurement of endogenous allergens in genetically modified soybeans - Short communication	Regulatory Toxicology and Pharmacology 70:75-79	Ladics, G.S.	DuPont Pioneer	Not Reported	
Langkilde et al.	2012	Compositional and toxicological analysis of a GM potato line with reduced α -solanine content-A 90-day feeding study in the Syrian Golden hamster	Regulatory Toxicology and Pharmacology 64:177-185	Langkilde, S.	Technical University of Denmark	Not Reported	
Lee, S.H. and B.R. Hamaker	2006	Cys 155 of 27 kDa maize γ -zein is a key amino acid to improve its in vitro digestibility	FEBS Letters 580:5803-5806	Lee, S.H.	Purdue University	Not Reported	
Ley, R.E.	2010	Obesity and the human microbiome	Current Opinion in Gastroenterology 26:5-11	Ley, R.E.	Cornell University	Not Reported	
Liebsch, M. et al.	2011	Alternatives to animal testing: Current status and future perspectives	Archives of Toxicology 85:841-858.	Liebsch, M.	German Centre for the Protection of Laboratory Animals (Bf3R)	Not Reported	
Litten-Brown et al.	2010	Porcine models for the metabolic syndrome digestive and bone disorders: A general overview	Animal 4 899-920	Litten-Brown, J.C.	University of Reading	Not Reported	

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Liu et al.	2013	A 90-day subchronic feeding study of genetically modified maize expressing cry1Ac-M protein in Sprague-Dawley rats	Food and Chemical Toxicology 50:3215–3221	Liu, P.	China Agricultural University	Government (Non-U.S.)	Genetically Modified Organisms Breeding Major Projects of PR China
Lividini, K., and J.L. Fielder	2015	Assessing the promise of biofortification: A case study of high provitamin A maize in Zambia	Food Policy 54:65–77	Lividini, K.	HarvestPlus	Foundation	Bill & Melinda Gates Foundation
						Nonprofit	CGIAR Research Program on Agriculture for Nutrition and Health
Livingston, M. et al.	2015	The Economics of Glyphosate Resistance Management in Corn and Soybean Production	Washington, DC: U.S. Department of Agriculture–Economic Research Service	Livingston, M.	U.S. Department of Agriculture	Not Reported	
Ludvigsson et al.	2013	Increasing incidence of celiac disease in a North American population	American Journal of Gastroenterology 108:818–824.	Ludvigsson, J.F.	Mayo Clinic	Government (Non-U.S.)	Swedish Research Council Medicine
						Nonprofit	Swedish Society of Medicine
							Swedish Celiac Society
						Academia	Fulbright Commission American College of Gastroenterology Junior Faculty Development Award
Government (U.S.)	National Institutes of Health National Institute on Aging						

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Lusk, R.W.	2014	Diverse and widespread contamination evident in the unmapped depths of high throughput sequencing data	PLoS ONE 9:e110808	Lusk, R.W.	University of Michigan	Government (U.S.)	National Institutes of Health (NIH)
MacKenzie et al.	2007	Thirteen week feeding study with transgenic maize grain containing event DAS-01507-1 in Sprague-Dawley rats	Food and Chemical Toxicology 45:551–562	MacKenzie, S.A.	DuPont Pioneer	Not Reported	
Macpherson, A.J. et al.	2008	The immune geography of IgA induction and function	Mucosal Immunology 1:11–22.	Macpherson, A.J.	McMaster University	Not Reported	
Magana-Gomez, J.A. and A.M.C. de la Barca	2009	Risk assessment of genetically modified crops for nutrition and health	Nutrition Reviews 67:1–16	Magana-Gomez, J.A.	Center for Food Research and Development, Mexico	Not Reported	
Martin et al.	2013	Plants, diet, and health	Annual Review of Plant Biology 64:19–46	Martin, C.	BBSRC John Innes Center	Government (Non-U.S.)	Biotechnology and Biological Sciences Research Council
						Foundation	John Innes Foundation
Martín-Hernández et al.	2008	Determination of proteins in refined and nonrefined oils	Journal of Agricultural and Food Chemistry 56:4348–4351	Martín-Hernández, C.	Nestle SA	Not Reported	
Marx-Stoelting, P. et al.	2015	Application of omics data in regulatory toxicology: Report of an international BfR expert workshop	Archives in Toxicology 89:2177–2184	Marx-Stoelting, P.	The Federal Institute for Risk Assessment	Not Reported	
Mazza et al.	2005	Assessing the transfer of genetically modified DNA from feed to animal tissues	Transgenic Research 14:775–784	Mazza, R.	Catholic University of the Sacred Heart	Industry	Monsanto Agricoltura Italia

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Miller, E.R. and D.E. Ullrey	1987	The pig as a model for human nutrition	Annual Review of Nutrition 7:361–382	Miller, E.R.	Michigan State University	Not Reported	
Miller, H.I.	1999	Substantial equivalence: Its uses and abuses	Nature Biotechnology 17:1042–1043	Miller, H.I.	Stanford University	Not Reported	
Millstone et al.	1999	Beyond 'substantial equivalence'	Nature 401:525–526	Millstone, E.	University of Sussex	Not Reported	
Mink, P.J. et al.	2011	Epidemiologic studies of glyphosate and non-cancer health outcomes: A review	Regulatory Toxicology and Pharmacology 61:172–184	Mink, P.J.	Emory University	Industry	Monsanto Company
Mink, P.J. et al.	2012	Epidemiologic studies of glyphosate and cancer: A review.	Regulatory Toxicology and Pharmacology 63:440–452	Mink, P.J.	Emory University	Industry	Monsanto Company
Munkvold and Desjardins	1997	Fumonisin in maize: Can we reduce their occurrence?	Plant Disease 81:556–565	Munkvold, G.P. Desjardins, A.E.	Iowa State University	Government (U.S.)	State of Iowa
Murray et al.	2003	Trends in the identification and clinical features of celiac disease in a North American community, 1950–2001	Clinical Gastroenterology and Hepatology 1:19–27	Murray, J.A.	Mayo Clinic	Government (U.S.)	National Institutes of Health (NIH)

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Murthy et al.	2015	The safety assessment of food ingredients derived from plant cell, tissue and organ cultures: A review	Food Chemistry 176:426–432	Murthy, H.N.	Chungbuk National University	Government (Non-U.S.)	Ministry of Health and Welfare, Republic of Korea Ministry of Education, Science and Technology, Republic of Korea Ministry of Science, ICT and Planning
Muzzalupo et al.	2015	Direct DNA amplification from virgin olive oil for traceability and authenticity	European Food Research and Technology 241:151–155	Muzzalupo, I.	CRA - Consiglio per la Ricerca in Agricoltura	Government (Non-U.S.)	CERTOLIO Project OLIOPIU Project
Nakabayashi et al.	2014	Enhancement of oxidative and drought tolerance in Arabidopsis by overaccumulation of antioxidant flavonoids	Plant Journal 77:367–379	Nakabayashi, R.	RIKEN	Government (Non-U.S.)	CREST, Japan Science and Technology Agency Ministry of Education, Culture, Sports, Science and Technology, Japan Strategic International Research Cooperative Program (SICP), JST Strategic International Collaborative Research Program (SICORP), JST
						Academia	Japan Advanced Plant Science Network

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National Toxicology Program	2014	Report on Carcinogens, Thirteenth Edition	Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service	National Toxicology Program		N/A	
NCI (National Cancer Institute)	2014	Surveillance, Epidemiology and End Results (SEER) Program	http://www.cancer.org/research/cancerfactsstatistics/cancerfactsfigures2015/index	NCI (National Cancer Institute)		N/A	
Nemeth et al.	2004	Sensitive PCR analysis of animal tissue samples for fragments of endogenous and transgenic plant DNA.	Journal of Agricultural and Food Chemistry 52:6129–6135	Nemeth, A.	Monsanto Company	Not Reported	
Netherwood et al.	2004	Assessing the survival of transgenic plant DNA in the human gastrointestinal tract	Nature Biotechnology 22:204–209	Netherwood, T.	Newcastle University - UK	Government (Non-U.S.)	Food Standards Agency (UK)
Nicolia et al.	2014	An overview of the last 20 years of genetically engineered crop safety research	Critical Reviews in Biotechnology 34:77–88	Nicolia, A.	University of Perugia	Not Reported	
Nordlee et al.	1996	Identification of a Brazil-nut allergen in transgenic soybean	New England Journal of Medicine 334:688–692	Nordlee, J.A.	University of Nebraska	Industry	DuPont Pioneer Hi-Bred International
Novak, W.K. and A.G. Haslberger	2000	Substantial equivalence of antinutritional and inherent plant toxins in genetically modified novel foods	Food and Chemical Toxicology 38:473–483	Novak, W.K.	University of Vienna	Not Reported	

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NRC (National Research Council)	2000	Environmental Effects of Transgenic Plants: The Scope and Adequacy of Regulation	Washington, DC: National Academies Press	NRC (National Research Council)		National Research Council	See Table 1-1
NRC (National Research Council)	2002	Genetically Modified Pest-Protected Plants: Science and Regulation	Washington, DC: National Academies Press	NRC (National Research Council)		National Research Council	See Table 1-1
NRC (National Research Council)	2004	Safety of Genetically Engineered Foods: Approaches to Assessing Unintended Health Effects	Washington, DC: National Academies Press	NRC (National Research Council)		National Research Council	See Table 1-1
NRC (National Research Council)	2007	Toxicity Testing in the 21st Century: A Vision and a Strategy	Washington, DC: National Academies Press	NRC (National Research Council)		National Research Council	
Nwaru et al.	2014	Prevalence of common food allergies in Europe: A systematic review and meta-analysis	Allergy 69:992–1007	Nwaru, B.I.	University of Tampere	Nonprofit	European Academy of Allergy and Clinical Immunology, EAACI
OECD (Organisation for Economic Co-operation and Development)	1993	Safety Evaluation of Foods Derived by Modern Biotechnology: Concepts and Principles.	Paris; OECD	OECD (Organisation for Economic Co-operation and Development)		N/A	
OECD (Organisation for Economic Co-operation and Development)	1998	Test No. 408: .Repeated Dose 90-Day Oral Toxicity Study in Rodents’, in OECD Guidelines for the Testing of Chemicals	Paris; OECD	OECD (Organisation for Economic Co-operation and Development)		N/A	

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OECD (Organisation for Economic Co-operation and Development)	1998	Principles of Good Laboratory Practice and Compliance Monitoring	http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/mc/chem(98)17&doclanguage=en	OECD (Organisation for Economic Co-operation and Development)		N/A	
OECD (Organisation for Economic Co-operation and Development)	2000	Report of the Task Force for the Safety of Novel Foods and Feeds	http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/mc/chem(98)17&doclanguage=enhttp://www.biosafety.be/ARGMO/Documents/report_taskforce.pdf	OECD (Organisation for Economic Co-operation and Development)		N/A	
OECD (Organisation for Economic Co-operation and Development)	2006	An Introduction to the Food/Feed Safety Consensus Documents of the Task Force	Series on the Safety of Novel Foods and Feeds, No 14. Paris: OECD	OECD (Organisation for Economic Co-operation and Development)		N/A	
OECD (Organisation for Economic Co-operation and Development)	2015	Safety Assessment of Foods and Feeds Derived from Transgenic Crops, Volume 2, Novel Food and Feed Safety	Paris: OECD	OECD (Organisation for Economic Co-operation and Development)		N/A	

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Oguchi et al.	2009	Investigation of residual DNAs in sugar from sugar beet (<i>Beta vulgaris</i> L.)	Journal of the Food Hygienic Society of Japan 50:41–46	Oguchi, T.	National Agricultural Research Center - Japan	Government (Non-U.S.)	Ministry of Agriculture, Forestry and Fisheries of Japan Ministry of Health, Labor and Welfare of Japan
Onose et al.	2008	Evaluation of subchronic toxicity of dietary administered Cry1Ab protein from <i>Bacillus thuringiensis</i> var. <i>Kurstaki</i> HD-1 in F344 male rats with chemically induced gastrointestinal impairment	Food and Chemical Toxicology 46:2184–2189	Onose, J.	National Institute of Health Sciences - Japan	Not Reported	
Paine et al.	2005	. Improving the nutritional value of Golden Rice through increased pro-vitamin A content	Nature Biotechnology 23:482–487	Paine, J.A.	Syngenta	Not Reported	
Panchin, A.Y. and A.I. Tuzhikov	2016	Published GMO studies find no evidence of harm when corrected for multiple comparisons	Critical Reviews in Biotechnology, Early Online:1–5	Panchin, A.Y.	Institute for Information Transmission Problems	Not Reported	
Patisaul, H.B. and W. Jefferson	2010	The pros and cons of phytoestrogens	Frontiers in Neuroendocrinology 31:400–419	Patisaul, H.B.	North Carolina State University	Not Reported	
Patterson et al.	2008	The pig as an experimental model for elucidating the mechanisms governing dietary influence on mineral absorption	Experimental Biology and Medicine 233:651–664	Patterson, J.K.	Cornell University	Government (U.S.)	U.S. Department of Agriculture/National Research Initiative Competitive Grant Program
						Nonprofit	Harvest Plus/International Food Policy Research Institute

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Pecetti et al.	2006	Variety and environment effects on the dynamics of saponins in lucerne (<i>Medicago sativa</i> L.)	European Journal of Agronomy 25:187–192	Pecetti, L..	Istituto Sperimentale per le Colture Foraggere (ISCF)	Not Reported	
Phipps et al.	2003	Detection of trans-genic DNA and endogenous plant DNA in rumen fluid, duode-nal digesta, milk, blood and feces of lactating dairy cows	Journal of Dairy Science 86:4070–4078	Phipps R.H.	University of Reading	Not Reported	
Poulsen et al.	2007	Safety testing of GMrice expressing PHA-E lectin using a new animal test design	Food Chem Toxicol, 45, 364–77	Poulsen M.	Technical University of Denmark	Not Reported	
Racovita et al.	2015	What are the non-food impacts of GM crop cultivation on farmers' health	Environment al Evidence 3:1	Racovita, M Obonyo, D.N. Craig, W Ripandelli, D.	International Centre for Genetic Engineering and Biotechnology (ICGEB)	Nonprofit	International Centre for Genetic Engineering and Biotechnology (ICGEB)
Ren et al.	2009	Distinguishing transgenic from non-transgenic Arabidopsis plants by (1)H NMR-based metabolic fingerprinting	Journal of Genetics and Genomics 36:621–628	Ren, Y Wang, T Xia, B Qu, LJ	Peking University	Government (Non-U.S.)	National Priority Basic Research Programs of People's Republic of China
Rhee et al.	2005	Multigenerational reproductive and developmental toxicity study of bar gene inserted into genetically modified potato on rats	Journal of Toxicology and Environment al Health, Part A: Current Issues 68:2263–2276	Rhee G.	Korea Food & Drug Administration	Not Reported	
Ricroch, A.E.	2013	Assessment of GE food safety using “-omics” techniques and long-term animal feeding studies	New Biotechnology 30:349–354	Ricroch, A.E.	AgroParisTech	Not Reported	

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Ricroch, A.E. et al.	2011	Evaluation of genetically engineered crops using transcriptomic, proteomic and metabolomic profiling techniques'	Plant Physiology, 24 February, 10.1104/pp.111.173609, Vol. 155, No. 4, pp.1752–1761	Ricroch, A.E.	University of Paris Sud	Not Reported	
Ricroch, A.E. et al.	2013	Long-term and multi-generational animal feeding studies	Pp. 112–127 in Animal Nutrition with Transgenic Plants, G. Flachowsky, ed. Oxfordshire: UK: CABI Biotechnology Series	Ricroch, A.E.	AgroParisTech	N/A	
Ricroch, A.E. et al.	2013	Assessment of the health impact of GE plant diets in long term and multigenerational animal feeding trials	P. 234, in Animal Nutrition with Transgenic Plants, G. Flachowsky, ed. Oxfordshire: UK: CABI Biotechnology Series	Ricroch, A.E.	AgroParisTech	Government (Non-U.S.)	French National Center for Scientific Research (CNRS)
						Academia	AgroParisTech University Paris-Sud
Ricroch, A.E. et al.	2014	Looking back at safety assessment of GM food/feed: An exhaustive review of 90-day animal feeding studies	International Journal of Biotechnology 13:230–256	Ricroch, A.E.	AgroParisTech	Not Reported	

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Riddle, M.S. et al.	2012	The incidence and risk of celiac disease in a healthy US population	American Journal of Gastroenterology 107:1248–1255	Riddle, M.S.	United States Navy	Government (U.S.)	National Institutes of Health
Rizzi et al.	2008	Detection of feed-derived maize DNA in goat milk and evaluation of the potential of horizontal transfer to bacteria	European Food Research and Technology 227:1699–1709	Rizzi, A.	University of Milan	Government (Non-U.S.)	Regional Environmental Protection Agency - Italy Norwegian Research Council
						Foundation	Cariplo Foundation, Italy
Rizzi et al.	2012	The stability and degradation of dietary DNA in the gastrointestinal tract of mammals: implications for horizontal gene transfer and the biosafety of GMOs	Critical Reviews in Food Science and Nutrition 52:142–161	Rizzi, A.	University of Milan	Foundation	The Genetic Rights Foundation (Italy) Cariplo Foundation, Italy
						Government (Non-U.S.)	Environmental Biosafety Cooperation Project (South Africa and Norway)
Roberfroid, M.	2014	Letter to the Editor	Food and Chemical Toxicology 65:390	Roberfroid, M.	Université Catholique de Louvain, Belgium	N/A	
Rommens et al.	2008	Low-acrylamide French fries and potato chips	Plant Biotechnology Journal 6:843–853	Rommens, C.M.	JR Simplot Co	Not Reported	

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Ruan et al.	2012	A critical review on the improvement of photosynthetic carbon assimilation in C3 plants using genetic engineering	Critical Reviews in Biotechnology 32:1–21	Ruan, C.J.	Dalian Nationalities University	Government (Non-U.S.)	Scientific and Technological Committee of Liaoning Province of China Higher Education of Education Commission of Liaoning Province of China
						Academia	Fundamental Research Funds for the Central Universities
Rubio-Tapia, A. et al.	2012	The prevalence of celiac disease in the United States	American Journal of Gastroenterology 107:1538–1544	Rubio-Tapia, A.	Mayo Clinic	Government (U.S.)	Centers for Disease Control
						Academia	American College of Gastroenterology
						Government (Non-U.S.)	Swedish Research Council
						Nonprofit	Fulbright Commission
Ruiz-Lopez et al.	2014	Successful high-level accumulation of fish oil omega-3 long-chain polyunsaturated fatty acids in a transgenic oilseed crop	Plant Journal 77:198–208	Ruiz-Lopez, N.	Rothamsted Research	Government (Non-U.S.)	UK Biotechnology and Biological Sciences Research Council
Saltzman et al.	2013	Biofortification: Progress toward a more nourishing future	Global Food Security, 2 (2013), pp. 9–17	Saltzman, A.	International Food Policy Research Institute	Not Reported	

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Sanahuja et al.		A question of balance: Achieving appropriate nutrient levels in biofortified staple crops	Nutritional Research Reviews 26:235–245	Sanahuja, G.	University of Lleida	Government (Non-U.S.)	Ministry of Research, Development and Innovation (Spain) European Union Framework 7 Program-SmartCell Integrated Project COST Action
						Foundation	RecerCaixa
Sanders, D.	2013	Letter to the Editor	Food and Chemical Toxicology 53:450–453	Sanders, D.	The John Innes Centre, UK	N/A	
Schubbert et al.	1999	On the fate of orally ingested foreign DNA in mice: Chromosomal association and placental transmission to the fetus	Molecular Genetics and Genomics 259:569–576	Schubbert, R.	University of Cologne	Not Reported	
Séralini, G.E.	2014		Presentation to Committee	Séralini, G.E.	University of Caen	N/A	
Séralini et al.	2007	New analysis of a rat feeding study with a genetically modified maize reveals signs of hepatorenal toxicity	Arch Environ Contam Toxicol 52:596–602	Séralini, G.E.	University of Caen	Not Reported	
Séralini et al.	2012	Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize	Food Chem. Toxicol. 2012, 50:4221–4231	Séralini, G.E.	University of Caen	Not Reported	
Séralini et al.	2014	Republished study: long-term toxicity of a Roundup herbicide and a Roundup-	Environmental Sciences Europe 26:14	Séralini, G.E.	University of Caen	Nonprofit	CERES CRIIGEN

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		tolerant genetically modified maize				Foundation	Foundation 'Charles Leopold Mayer pour le Progrès de l'Homme'
						Government (Non-U.S.)	The French Ministry of Research
Shepherd et al.	2015	Modifying glycoalkaloid content in transgenic potato—Metabolome impacts	Food Chemistry 187:437–443	Shepherd, L.V.T.	James Hutton Institute	Industry	SAFEFOODS
						Government (Non-U.S.)	Scottish Government's Rural and Environment Science and Analytical Services (RESAS) Division
Simó et al.	2014	Metabolomics of genetically modified crops	International Journal of Molecular Sciences 15:18941–18966	Simó, C.	Spanish National Research Council (CSIC)	Government (Non-U.S.)	Ministry of Education and Science, Spain Ministry of Economy and Competitiveness
Sinden, S.L. and R.E. Webb	1972	Effect of variety and location on the glycoalkaloid content of potatoes	American Potato Journal 49:334–338	Sinden, S.L.	U.S. Department of Agriculture-Agricultural Research Service	Not Reported	
Singhal et al.	2011	Feed intake, milk production and composition of crossbred cows fed with insect-protected Bollgard II® cottonseed containing Cry1Ac and Cry2Ab proteins	Animal 5:1769–1773	Singhal, K.K.	National Dairy Research Institute India	Industry	M/s Maharashtra Hybrid Seed Company Ltd (Mahyco), Mumbai, India
Small, E.	1996	Adaptations to herbivory in alfalfa (Medicago sativa)	Canadian Journal of Botany 74:807–822	Small, E.	Agriculture & Agri Food Canada	Not Reported	

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Smith, J.M.	2003	Seeds of Deception: Exposing Industry and Government Lies about the Safety of the Genetically Engineered Foods You're Eating	Fairfield, IA: Yes! Books	Smith, J.M.	Institute of Responsible Technology	N/A	
Smith, J.M.	2013	Are genetically modified foods a gut-wrenching combination?	Institute for Responsible Technology	Smith, J.M.	Institute of Responsible Technology	N/A	
Smith, J.M.	2014	Recommendations for the Committee for the Committee on Genetically Engineered Crops	Presentation to Committee	Smith, J.M.	Institute of Responsible Technology	N/A	
Snell et al.	2012	Assessment of the health impact of GM plant diets in long-term and multigenerational animal feeding trials: A literature review	Food and Chemical Toxicology 50: 1134–1148	Snell, C.	University of Nottingham	Government (Non-U.S.)	French National Center for Scientific Research (CNRS) AgroParisTech (Ministry of Agriculture, Food and Rural Affairs)
						Academia	University Paris-Sud, France
Spisák et al.	2013	Complete genes may pass from food to human blood	PLoS ONE 8:e69805	Spisák, S.	Harvard University Hungarian Academy of Sciences	Government (Non-U.S.)	Hungarian National Technology Office
Springob, K. and T.M. Kutchan	2009	Introduction to the different classes of natural products. Pp. 3–50 in Plant-derived Natural Products, A.E. Osbourn and V. Lanzotti, eds	New York: Springer-Verlag	Springob, K.	Donald Danforth Plant Science Center	Not Reported	

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Steinke et al.	2010	Effects of long-term feeding of genetically modified corn (event MON810) on the performance of lactating dairy cows	Journal of Animal Physiology and Animal Nutrition 94:e185–e193	Steinke, K.	Technical University of Munich	Not Reported	
Swiatkiewicz et al.	2014	Genetically modified feeds and their effect on the metabolic parameters of food-producing animals: A review of recent studies	Animal Feed Science and Technology 198:1–19	Swiatkiewicz, S.	Polish National Research Institute of Animal Production	Not Reported	
Taylor, A.	2015	EPA nixes approval of Enlist Duo weed killer	The Des Moines Register	Taylor, A.	Associated Press	N/A	
Taylor, B. et al.	2013	Prevalence and incidence rates of autism in the UK: Time trend from 2004–2010 in children aged 8 years	BMJ 3:e003219	Taylor, B.	University of London	Not Reported	
Thayer et al.	2012	Role of environmental chemicals in diabetes and obesity: A National Toxicology Program workshop review	Environmental Health Perspectives 120:779–789	Thayer, K.A.	U.S. Environmental Protection Agency National Institutes of Health	Government (U.S.)	National Institute of Environmental Health Sciences (NIEHS) U.S. Environmental Protection Agency (USEPA) U.S. Food and Drug Administration (USFDA)
Trabalza-Marinucci et al.	2008	A three-year longitudinal study on the effects of a diet containing genetically modified Bt176 maize on the health status and performance of sheep	Livestock Science 113:178–190.	Trabalza-Marinucci, M.	University of Perugia	Government (Non-U.S.)	Italian Ministry of Health

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Treutter, D.	2006	Significance of flavonoids in plant resistance: A review	Environmental Chemistry Letters 4:147–157	Treutter, D.	Technical University of Munich	Not Reported	
Trikha et al.	2013	Development of food allergies in patients with Gastroesophageal Reflux Disease treated with gastric acid suppressive medications	Pediatric Allergy and Immunology 24:582–588	Trikha, A.	University of Texas Medical Branch Galveston National Jewish Health	Academia	University of Texas Medical Branch
						Nonprofit	Grant Family Fund
Turnbaugh et al.	2009	A core gut microbiome in obese and lean twins	Nature 457:480–484	Turnbaugh, P.J.	Washington University	Government (U.S.)	National Institutes of Health (NIH)
						Foundation	National Science Foundation W.M. Keck Foundation Crohn's and Colitis Foundation of America
Untersmayr and Jensen-Jarolim	2008	The role of protein digestibility and antacids on food allergy outcomes	Journal of Allergy and Clinical Immunology 121:1301–1308	Untersmayr, E.	Medical University of Vienna	Not Reported	
U.S. Census Bureau	2014	65+ in the United States: 2010	Washington, DC: U.S. Government Printing Office	U.S. Census Bureau		N/A	

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U.S. Pharmacopeia	2000	Pharmacopeia, simulated gastric fluid, TS, simulated intestinal fluid, TS. United States Pharmacopeial Convention, v. 24	The National Formulary 9 (US Pharmacopeia Board of Trustees), Rockville, MD, 2235	U.S. Pharmacopeia		N/A	
USDA-APHIS (U.S. Department of Agriculture-Animal and Plant Health Inspection Service)	2014	Dow AgroSciences Petitions (09-233-01p, 09-349-01p, and 11-234-01p) for Determinations of Nonregulated Status for 2,4-D-Resistant Corn and Soybean Varieties	Final Environmental Impact Statement—August 2014	USDA-APHIS (U.S. Department of Agriculture-Animal and Plant Health Inspection Service)		N/A	
USDA-APHIS (U.S. Department of Agriculture-Animal and Plant Health Inspection Service)	2014	. Record of Decision: Dow AgroSciences Petitions (09-233-01p, 09-349-01p, and 11-234-01p) for Determination of Nonregulated Status for 2,4-D-Resistant Corn and Soybean Varieties	https://www.aphis.usda.gov/brs/aphisdocs/24d_rod.pdf	USDA-APHIS (U.S. Department of Agriculture-Animal and Plant Health Inspection Service)		N/A	
USDA-APHIS (U.S. Department of Agriculture-Animal and Plant Health Inspection Service)	2014	Determinations of Nonregulated Status: J.R. Simplot Co.; Potato Genetically Engineered for Low Acrylamide Potential and Reduced Black Spot Bruise	http://www.regulations.gov/#!documentDetail;D=APHIS-2012-0067-0384	USDA-APHIS (U.S. Department of Agriculture-Animal and Plant Health Inspection Service)		N/A	

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USRDS (United States Renal Data System)	2014	. CKD in the general population. Pp. 12–22 in 2014 USRDS Annual Data Report Volume 1	http://www.usrds.org/2014/view/Default.aspx . Accessed October 13, 2015.	USRDS (United States Renal Data System)		N/A	
Valdés et al.	2015	The relationship between phenolic compounds from diet and microbiota: Impact on human health	Food & Function 6:2424–2439	Valdés, L.	Spanish National Research Council (CSIC)	Government (Non-U.S.)	Spanish National Research Council (CSIC)
						Foundation	Alimerka Foundation
van den Eede et al.	2004	The relevance of gene transfer to the safety of food and feed derived from genetically modified (GM) plants	Food and Chemical Toxicology 42:1127–1156	van den Eede, G.	European Commission Joint Research Centre	Not Reported	
Van Eenennaam, A.L. and A.E. Young	2014	Two classes of plant antibiotics: Phytoalexins versus “phytoanticipins”	The Plant Cell 6:1191–1192	van Eenennaam, A.L.	University of California, Davis	Not Reported	
VanEtten et al.	1994	Two classes of plant antibiotics: Phytoalexins versus “phytoanticipins”	The Plant Cell 6:1191–1192	VanEtten, H.	University of Arizona	Not Reported	
Verhoeckx et al.	2015	Food processing and allergenicity	Food processing and allergenicity. Food and Chemical Toxicology 80:223–242	Verhoeckx, K.C.M.	Netherlands Organization Applied Science Research	Nonprofit	ILSI Europe Food Allergy Task Force

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Wal, J.M.	2015	Assessing and managing allergenicity of genetically modified (GM) foods	Pp. 161–178 in Handbook of Food Allergen Detection and Control, S. Flanagan, ed. Cambridge, UK: Woodhead Publishing.	Wal, J.M.	National Institute for Agricultural Research - Inra	Not Reported	
Walsh et al.	2011	Fate of transgenic DNA from orally administered Bt MON810 maize and effects on immune response and growth in pigs.	PLoS ONE 6:e27177	Walsh M.C.	Teagasc – the Agriculture and Food Development Authority	Government (Non-U.S.)	European Union's Seventh Framework Programme Teagasc Walsh Fellowship programme
Walsh et al.	2012	Effects of feeding Bt MON810 maize to pigs for 110 days on peripheral immune response and digestive fate of the Cry1Ab gene and truncated Bt toxin	PLoS ONE 7:e36141	Walsh M.C.	Teagasc – the Agriculture and Food Development Authority	Government (Non-U.S.)	European Union's Seventh Framework Programme Teagasc Walsh Fellowship programme
Walsh et al.	2012	Effects of short-term feeding of Bt MON810 maize on growth performance, organ morphology and function in pigs	British Journal of Nutrition 107:364–371	Walsh M.C.	Teagasc – the Agriculture and Food Development Authority	Government (Non-U.S.)	European Union Teagasc Walsh Fellowship programme
Walsh et al.	2013	Effects of feeding Bt MON810 maize to sows during first gestation and lactation on maternal and offspring health indicators	British Journal of Nutrition 109:873–881.	Walsh M.C.	Teagasc – the Agriculture and Food Development Authority	Government (Non-U.S.)	European Union's Seventh Framework Programme Teagasc Walsh Fellowship programme

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Wang et al.	2015	Degradation and detection of transgenic <i>Bacillus thuringiensis</i> DNA and proteins in flour of three genetically modified rice events submitted to a set of thermal processes	Food and Chemical Toxicology 84:89–98	Wang, X.	Nanjing Agricultural University	Government (Non-U.S.)	Public Technology Application Research of Zhejiang Province Zhejiang Provincial Foundation for Natural Science
Weber, A.	2014	C4 Photosynthesis—A Target for Genome Engineering	Presentation to Committee	Weber, A.	University of Düsseldorf	N/A	
West et al.	2014	Incidence and prevalence of celiac disease and dermatitis herpetiformis in the UK over two decades: Population-based study	American Journal of Gastroenterology 109:757–768	West, J.	University of Nottingham Nottingham University Hospital National Health Service Trust	Foundation	Core/Coeliac UK
						Government (Non-U.S.)	University of Nottingham Nottingham University Hospitals NHS Trust Senior Clinical Research Fellowship
Wiatrak et al.	2005	Influence of planting date on aflatoxin accumulation in Bt, non-Bt, and tropical non-Bt hybrids	Agronomy Journal 97:440–445	Wiatrak, P.J.	University of Florida	Not Reported	
Wiener, J.B. et al.	2011	The Reality of Precaution: Comparing Risk Regulation in the United States and Europe	New York: RFF Press	Wiener, J.B.	Duke University	Not Reported	
Wild and Gong	2010	Mycotoxins and human disease: A largely ignored global health issue	Carcinogenesis 31:71–82.	Wild, C.P.	IARC	Government (U.S.)	National Institute of Environmental Health Sciences (NIEHS)

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Williams et al.	2004	Aggarwal. 2004. Human aflatoxicosis in developing countries: A review of toxicology, exposure, potential health consequences, and intervent	American Journal of Clinical Nutrition 80:1106–1122	Williams, J.H.	Peanut Collaborative Research Program	Not Reported	
World Health Organization	2014	Frequently Asked Questions on Genetically Modified Foods	Available at http://www.who.int/food_safety/areas_work/food-technology/Frequently_asked_questions_on_gm_foods.pdf . Accessed March 12, 2016.	World Health Organization		N/A	
Wu et al.	2005	Stepwise engineering to produce high yields of very long-chain polyunsaturated fatty acids in plants	Nature Biotechnology 23:1013–1017	Wu, G.	Bioriginal Food and Science Corporation	Not Reported	
Wu, Y. et al.	2010	γ-Zeins are essential for endosperm medication in quality protein maize	Proceedings of the National Academy of Sciences of the United States of America 107:12810–12815	Wu, Y.	Rutgers University	Academia	Selman A. Waksman Chair in Molecular Genetics

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Ye et al.	2000	Engineering the provitamin A (β -Carotene) biosynthetic pathway into (carotenoid-free) rice endosperm	Science 287:303–305	Ye, X.	Swiss Federal Institute of Technology	Not Reported	
Yudina et al.	2007	Antimicrobial activity of different proteins and their fragments from <i>Bacillus thuringiensis</i> parasporal crystals against clostridia and archaea.	Anaerobe 13:6–13.	Yudina, T.G.	Lomonosov Moscow State University	Government (Non-U.S.)	Russian Foundation for Basic Research
Zhang et al.	2015	Dietary modulation of gut microbiota contributes to alleviation of both genetic and simple obesity in children	EBioMedicine 2:968–984	Zhang, C.	Shanghai Jiao Tong University	Government (Non-U.S.)	National Natural Science Foundation of China Ministry of Science and Technology of China Science and Technology Commission of Shanghai Municipality Natural Science and Technology Major Project of China
Zhu et al.	2010	C4 rice—an ideal arena for systems biology research	Plant Biology 52:762–770	Zhang, C.	Chinese Academy of Sciences Shanghai Institutes for Biological Sciences Max Planck Society	Foundation	Bill and Melinda Gates Foundation