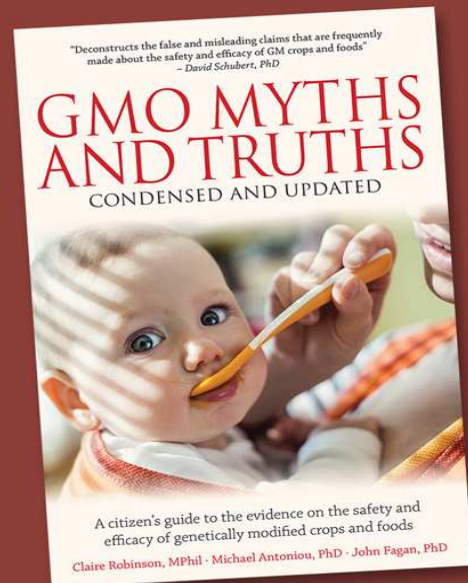


Buchvorstellung: GMO Myths and Truths

“A one-stop
resource for all
things GMO”
– Colin Todhunter, writer



GMO Myths & Truths = Märchen und Wahrheit über GVO

1. Es wird oft behauptet, daß die Kritik gegen gentechnische veränderte (kurz: GV-) Pflanzen und Nahrungsmittel auf Emotionen und nicht auf Wissenschaftlichkeit beruhen würde und daß es eine anti-wissenschaftliche Haltung sei, sich gegen die Technologie, GV-Pflanzen und – Nahrungsmittel herzustellen, zu widersetzen.

Auch wird behauptet, daß GV-Pflanzen größere Ernte-Erträge und einen besseren Nährwert bieten würden, daß sie sicher für die Gesundheit und für die Umwelt seien, daß sie den Gebrauch von Agro-Chemikalien senken und daß sie gebraucht würden, um die anwachsende Bevölkerung der Welt zu ernähren.

Das Buch „*GMO Myths and Truths*“, das gemeinsam von zwei Gentechnikern und einer Autorin/Forscherin geschrieben wurde, entlarvt, daß diese Behauptungen falsch sind, indem es dazu wissenschaftliche und anderweitig dokumentierte Evidenz verwendet.

GMO Myths and Truths faßt die Fakten zur Sicherheit und Effizienz von GV-Pflanzen und GV-Nahrungsmitteln in Begriffen zusammen, die verständlich für Nicht-Wissenschaftler sind, die aber auch noch für Wissenschaftler, Politiker und Lehrende relevant sind.

Die aufgezeigte Evidenz deutet auf viele Gefahren, Risiken und Begrenzungen der Technologie von gentechnischen Veränderungen hin.

Diese beinhalten Schädigungen in Tier-Fütterungs- und ökologischen Studien, die in Folge auf Risiken für die Gesundheit und die Umwelt hinweisen, die durch die GV-Pflanzen und GV-Nahrungsmittel errichtet werden.

Die Gestaltung des Buches versetzt den Leser mit begrenzter Zeit in die Lage, die Zusammenfassungen der Kapitel zu lesen, während es detailliertere Informationen und die vollständigen Quellen-Angaben für diejenigen bereit hält, die danach verlangen.

Mit seinen 164 Seiten in Paperback-Größe ist diese neue konzentrierte Version kürzer und zugänglicher als der 330-seitige Bericht gleichen Titels, der über eine halbe Million Male heruntergeladen worden ist.

Das Buch zeigt, daß die konventionelle Züchtung bei der Entwicklung von Nutzpflanzen weiterhin die Gentechnik übertrifft, daß sie höhere Ernte liefert, die bessere Ernährung und Toleranz gegenüber extremen Wetter-Bedingungen und bei schlechten Acker-Böden. In Übereinstimmung mit 400 Experten, die zusammen einen von der UN und der Weltbank finanzierten Report zur Zukunft der Landwirtschaft verfaßten, ziehen die Autoren die Schlußfolgerung, daß die moderne Agrar-Ökologie mehr als die Gentechnik der beste Weg ist, um die gegenwärtige und die zukünftigen Generationen auf eine sichere und nachhaltigere Weise zu ernähren.

2. ... Mit-Autorin Claire Robinson sagte: „Viele Menschen finden es schwierig ein langes und detailliertes pdf-Dokument an ihrem Computer zu lesen, und viele Leute und Organisationen würden den Politikern und Führern der Industrie lieber ein prägnanteres, professioneller hergestelltes Buch präsentieren.

Wir sind immer wieder um ein ‚echtes‘ Buch gebeten worden – und hier ist es jetzt.“

Und der Mit-Autor Michael Antoniou erklärte:

„Dieses Buch liefert in einem knappen, leicht zugänglichen und verdaulichen Format die Evidenz, die die Behauptungen von einem wissenschaftlichen Konsens über eine Lebensmittel-Sicherheit von GV-Nahrung zurückweist.“

Mit-Autor Dr John Fagan sagte:

„Wenn Ihnen jemand erzählt, daß es keine Evidenz dafür gäbe, daß GVO riskant für die Gesundheit und die Umwelt sind, geben Sie ihm dieses Buch.

Es liefert deutlich und prägnant die wesentliche Evidenz für Schädigungen, und jeder Punkt wird mit Quellen zu gutachterlich geprüften (*per reviewed*) Publikationen aus der wissenschaftlichen Forschung oder mit anderen Berichten oder Dokumenten belegt, die von dem Leser selbst kontrolliert werden können.“

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Ein unentbehrlicher Leitfaden für den Bürger zu der Wahrheit über GV-Pflanzen und GV-Nahrungsmittel.

Das Buch „GMO Myths and Truths“ spricht die Bedenken an, die viele gewöhnliche Menschen über diese Technologie haben.

Obwohl es komplexe Themen behandelt, verwendet es eine einfache Sprache und erklärt die strittigen Punkte auf eine verständliche Art und Weise, die sich sowohl an Laien wie auch Professionelle wendet.

„An alle diejenigen besorgten Bürger, Politiker, Journalisten, Forscher und Studenten, die bisher eine verlässliche, verständliche und lesbare Darstellung der Pflanzen-Gentechnik und ihrer unvorhersagbaren Konsequenzen vermisst haben:

Hier ist sie, und es ist eine großartige Ausarbeitung!“ – Terje Traavik, PhD, Professor der Virologie und emeritierter Professor für Gen-Ökologie, Fakultät der Gesundheitswissenschaften, UiT – Die Arktische Universität von Norwegen und emeritierter Wissenschaftlicher Direktor des Genok – dem Zentrum für Biosicherheit, in Norwegen

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Quellen, der von der GenAG/attac-Bielefeld übersetzten (Auszüge der) Buchvorstellung:

1. Buchvorstellung auf der Website von amazon:

<https://amazon.com/GMO-Myths-Truths-Citizens-Genetically/dp/0993436706>

2. Artikel „GMO Myths and Truths updated, condensed, and available as a book“:

<http://www.gmwatch.org/news/latest-news/16756-gmo-myths-and-truths-updated-condensed-and-now-available-as-a-book>

GMO Myths and Truths (3rd edition)

Home/Earth Open Source reports/GMO Myths and Truths (3rd edition)

GMO Myths and Truths updated, condensed, and now available as a book

Book giving the scientific case against genetically modified crops and foods is for sale on Amazon and in Barnes & Noble and independent bookstores. 2 March 2016

GMO Myths and Truths, the scientific case against genetically modified (GM) crops and foods, is now available as a book in a condensed and updated version (<http://amzn.to/1T7AYME>).

The first edition of GMO Myths and Truths was published in 2012 and the second in 2014 as free online pdf downloads. The 2014 version is still available for free on the Earth Open Source website. Together, these online publications have been downloaded hundreds of thousands of times by people all over the world.

The current third printed edition was produced in response to requests for a shorter publication in book form that could be easily read, carried around, and given to others.

It is available from Amazon, Barnes & Noble, and independent bookstores, at a price of USD 17.95. Requests for larger numbers should be directed to the US distributor, Chelsea Green.

Co-author Claire Robinson said: “Many people find it difficult to read a long and detailed pdf document on their computer, and many people and organizations would prefer to present to policymakers and industry leaders a more concise, professionally produced book. We have been asked time and again for a ‘real’ book – and here it is!”

Co-author Dr Michael Antoniou said: “This book provides evidence that dismisses claims of a scientific consensus on GM food safety in a concise, accessible and easily digestible format.”

Co-author Dr John Fagan said: “When someone tells you there is no evidence that GMOs are risky for health and the environment, give them this book. It provides the essential evidence of harm concisely and clearly, and every point is referenced to peer-reviewed scientific research publications or other reports or documents that can be checked by the reader.”

Compared with the 2014 online version, the book offers new information, including:

- 1 Why the study touted by GMO proponents as the “trillion meal study” showing GM foods are safe fails to provide any credible evidence for GMO safety
- 2 Why the temporary uptick in India’s cotton yield in the early 2000s was not due to GM Bt cotton, but the current decline in yields is
- 3 How industry’s own tests showed Bt eggplant was toxic and how the crop failed for two years running in Bangladesh – the opposite of GMO spinmasters’ claims
- 4 How a peer-reviewed publication by over 300 scientists declares that there is no scientific consensus that GM crops and foods are safe
- 5 Why the US government’s approval of GM crops engineered to resist the herbicides dicamba and glyphosate will create problems for farmers and health risks for consumers
- 6 How a peer-reviewed paper shows claims that GM crops have reduced insecticide use are unreliable because they fail to consider escalating insecticide seed treatments in their calculations
- 7 How a peer-reviewed gene expression analysis confirms that rats fed an ultra low dose of Roundup (within permitted regulatory limits) suffered liver and kidney damage.

Editorial Reviews über *GMO Myths & Truths* bei:

https://www.amazon.com/gp/product/0993436706/ref=as_li_tl?ie=UTF8&camp=1789&creative=390957&creativeASIN=0993436706&linkCode=as2&tag=gwatchorg-20&linkId=47YUPEAHJ2CWWCZP

“Many who defend the use of GMO crops and foods claim that there is no evidence that any GMO is harmful to health or the environment. But this is wrong. There is plenty of sound empirical evidence of such harm, presented by qualified scientists in peer-reviewed literature. This book is a succinct summary and documentation of that evidence.”--Richard Jennings, PhD, Department of History and Philosophy of Science, University of Cambridge, UK

“*GMO Myths and Truths* is a very important contribution to the GMO debate. Written in a clear and concise style, it is an invaluable reference for those wanting to learn more about the arguments of proponents and those critical of the technology. I found it of great value in my own efforts to better understand the issue. I hope this information will be widely available to students and to the general public.”--Jane Goodall, PhD, DBE, and UN Messenger of Peace

“Using peer-reviewed studies and other documented evidence, *GMO Myths and Truths* deconstructs the false and misleading claims that are frequently made about the safety and efficacy of GM crops and foods. The book shows that far from being necessary to feed the world, GM crops are a risky distraction from the real causes of hunger. What is more, there is no reason to take this risk, since GM crops do not consistently raise yields, reduce pesticide use, or provide more nutritious food. GM crops and foods have not been shown to be safe to eat – and both animal feeding studies and non-animal laboratory experiments indicate that some GM foods, as well as most of the chemicals required to produce them, are toxic. Fortunately, the book shows that there are effective and sustainable alternatives to GM that can ensure a safe and plentiful food supply for current and future populations. *GMO Myths and Truths* is an invaluable and easy-to-read resource for everyone, including students, scientists, and members of the general public.”—

David Schubert, PhD, Professor and Director, Cellular Neurobiology, Salk Institute for Biological Studies, La Jolla, California, USA

“Genetic engineering and its applications in agriculture are complex topics, even for scientists that are engaged with them. The range of techniques is large, as is the range of their implications for different groups in society, from the farmer, through to the citizen, to the corporation. It is difficult sometimes to have the latest information at the end of the fingertips and to understand the difference in how the same evidence is framed depending on the interests behind the science. *GMO Myths and Truths* is a great resource for me. It is written in a form that makes it readable to non-experts without losing value for the expert looking for the latest references. It has become one of my standard ‘go-to’ reviews when I need to refresh myself on the history, practice, or technical details in this fast moving, demanding and important area.”--

Jack Heinemann, PhD, Professor, School of Biological Sciences, University of Canterbury, New Zealand

“*GMO Myths and Truths* is a much needed objective evaluation to separate propaganda and failed promises from the science of this critical topic.”--

Don M. Huber, PhD, Professor Emeritus, Purdue University

“The role of provider of children’s health care has become an onerous job in this modern era. The rapid demise of children’s health where more children are chronically sick than well is statistically demonstrated in the US. The common denominator to all children’s health is their food. We, as pediatricians, have had to become geneticists and toxicologists to understand the impact of our changing food system in our modern agroenvironment and its effect on our children’s well-being without support from our traditional medical literary sources. Drs Antoniou and Fagan and Claire Robinson have provided a concise reference on the topic of GM foods and their impact that will educate the physician, farmer, citizen and policymaker. From this easily-readable third edition, a busy practitioner is able to extract the necessary information on the state of GM science to be utilized in their medical practice. Thoroughly sourced, this book is a must-read to understand the effects of GM food, Bt toxin, and pesticides, including their impacts on health. Its value is undeniable. It has simplified a very complex science without losing its scientific profundity.”--

Michelle Perro, MD, Institute for Health and Healing, Greenbrae, California, USA

“To all those concerned citizens, policymakers, journalists, researchers and students who have missed a reliable, unbiased, comprehensive and readable account of plant genetic engineering and its unpredictable consequences: Here it is, and it is a splendid piece of work!”--

Terje Traavik, PhD, Professor of Virology and Professor Emeritus of Gene Ecology, Faculty of Health Sciences, UiT – The Arctic University of Norway; and Scientific Director Emeritus, Gen.k – Centre for Biosafety, Norway

“The global GM commercial and political juggernaut has already corrupted science by promoting a propaganda campaign to misinform the world that ‘science’ has revealed the unqualified safety of GM crops and foods, with no further question. This vitally important book documents the wide-ranging and well-grounded science that demolishes this political deception – a deception that has traduced the good name of science. The book also shows the systematic double standards exercised by those promoting GM, whereby studies claiming to show GM is safe are accepted with lower standards of scientific rigour than those showing evidence of harm and the need for further research. This book is essential reading for all involved, anywhere, with GM and agrichemicals risk and policy issues.”—

Brian Wynne, PhD, Professor Emeritus of Science Studies and founding Research Director of the Centre for the Study of Environmental Change (CSEC); and former Associate Director of the UK ESRC Centre for Economic and Social Aspects of Genomics, Cesagen, Lancaster University, UK

“*GMO Myths and Truths* is unquestionably the go-to source for up-to-date, scientifically rigorous evidence bearing on genetic modification. As a scientist, I applaud not simply the heavy reliance on refereed literature, but also the attention to organization and interpretation, which makes technical information accessible to the non-specialist.”—

E. Ann Clark, PhD, Associate Professor (retired), Plant Agriculture, University of Guelph, Canada

“*GMO Myths and Truths* is a scientifically correct, honest, and accessible discussion of molecular biotechnology that demonstrates why corporate claims about the inherent safety of GMOs and their centrality in reducing world hunger are utter nonsense.”—

Sheldon Krimsky, PhD, Professor, Tufts University, USA; co-editor, *The GMO Deception*

“The condensed and updated *GMO Myths and Truths* is a thoroughly researched, evidence-based synthesis of the latest information regarding the environmental and health consequences of genetically-modified crops. Updated and adapted from the well-received *GMO Myths and Truths*, it refutes common myths surrounding the alleged safety and effectiveness of GMOs and explains, in highly readable fashion, the scientific truths regarding this risky technology. I have found it valuable in my teaching and policy work, and highly recommend it for scientists, policymakers, educators, students, and indeed all individuals concerned about the corporate commodification of the world’s food supply.”—

Martin Donohoe, MD, FACP, Adjunct Associate Professor, School of Community Health, Portland State University; Member, Social Justice Committee, Physicians for Social Responsibility; Member, Board of Advisors, Oregon Physicians for Social Responsibility; Senior Physician, Internal Medicine, Kaiser Sunnyside Medical Center, USA

“This is an excellent and urgently needed scientific critique of GM crops.”—

Carlo Leifert, Professor for Ecological Agriculture, Newcastle University, Newcastle-upon-Tyne, UK

“*GMO Myths and Truths* provides an unprecedented overview of the current situation regarding genetically modified food production and consumption. Topics covered include the genetic engineering process, the safety questions around GM foods, and agronomic and environmental problems during GM crop cultivation, including weed and pest resistance and the consequences of contamination. This book will prove extremely useful for scientists, policymakers and students. In addition, it will inform members of the public, activists, farmers, and consumers.”—

Mohamed Habib, PhD, Full Professor, UNICAMP, Brazil

“*GMO Myths and Truths* is a comprehensive study of the myths and facts surrounding genetically modified foods and crops. It illuminates aspects of the topic that are commonly misunderstood. The issues are systematically explained and analyzed in simple language, which is nonetheless precise. I would recommend this book to postgraduate students of genetics as well as interested members of the public. I am confident that it will prove a success worldwide and within Brazil.”—

Nagib Nassar, PhD (Genetics); Professor Emeritus, University of Brasilia, Brazil

“An opt-out clause used by the members of many governments is that they ‘will make no decisions unless backed by sound scientific evidence’. This blind faith in the honesty and integrity of all scientists has proved, repeatedly, to be based on false assumptions. Politicians often fail to recognize that scientists and manufacturers are, like the rest of us, human. They can fall prey to the same ambitions, to financial greed, to a hunger for prestige, and to manipulating their findings in order to satisfy these cravings, just like some in other walks of life. Politicians like black-and-white – there can be no shades of grey or room for doubt, and they leave little scope for scientists to admit that they don’t know, so those with integrity are caught in a cleft stick. Do they speak out and risk being pilloried by those in power, or do they quietly keep their heads down?

“Nowhere is the controversy greater than in the scientific research upon which the reputed safety of genetically modified organisms is founded. We should be extremely grateful to the authors of *GMO Myths and Truths* for having the courage to review the research and to tell the world of their findings.”—

Margaret, Countess of Mar, independent cross-bench member of the House of Lords of the UK Parliament and an elected hereditary peer

About the Author

Claire Robinson, MPhil, is managing editor at GMWatch, a public news and information service on issues relating to genetic modification.

Michael Antoniou, PhD is a Reader in Molecular Genetics and Head of the Gene Expression and Therapy Group, King’s College London School of Medicine, UK. He has over 30 years’ experience of using genetic engineering in the investigation of gene organization and control, with over 50 peer-reviewed publications, and holds inventor status on gene expression biotechnology patents. His discoveries are being used for the production of research, diagnostic and therapeutic products, and safe and efficacious human somatic gene therapy for genetic disorders.

John Fagan, PhD was an early voice in the scientific debate on GM food. Today, as a director of Earth Open Source, Dr Fagan works to advance biosafety and sustainable agriculture. Dr Fagan pioneered genetic testing methods for GMOs, and founded and later sold a leading company in this field. Earlier, he researched molecular mechanisms of carcinogenesis at the US National Institutes of Health and in academia. He earned a PhD in biochemistry, molecular biology, and cell biology from Cornell University.

URL dieses Dokumentes:

http://www.attac-bielefeld.de/fileadmin/user_upload/Gruppen/Bielefeld/Buchvorstellung_GMO-Myths-and-Truths.pdf