

A Bigger Conversation Webinar
Is Gene Editing a Sustainable Food System Solution?
27 June 2024
Chat

For the context of these questions and comments see the video at

<https://youtu.be/m8uEnzIBP1o>.

14:00:48 From Kathrine Ungstrup to Hosts and panelists:

Hello

14:00:50 From Giuseppe Longo to Hosts and panelists:

Hello Angelika, Giuseppe

14:00:53 From Jon Carapit to Hosts and panelists:

hello from NZ

14:00:55 From Sabine Richard to Everyone:

Hello from Lyon (France) !

14:00:56 From Lars Peter Sørensen to Everyone:

Hello Everybody. Lars Peter from VikingGenetics here :-)

14:01:01 From Kevan Bundell to Everyone:

Hello folks - Kevan Bundell, Southampton

14:01:04 From Ole Faergeman to Hosts and panelists:

Hello, Ole Faergeman

14:01:04 From Andrew Planet to Everyone:

Hello. here at Bournemouth UK. Thanks for this

14:01:14 From Claire Bleakley to Everyone:

Hello Claire New Zealand

14:01:18 From Martin Peck to Hosts and panelists:

Hello from Powys Wales

14:01:21 From Phoebe Hartnett to Everyone:

Hello from London

14:01:22 From S. van Moyland to Hosts and panelists:

Greetings from Somerset, UK

14:01:24 From Alexandra Effinger to Everyone:

Hello, Alex from Scotland

14:01:26 From Alicia Hull to Hosts and panelists:

Hello from Alicia working with the Citizen Network

14:01:28 From Dominique Rocha to Everyone:

Hello from Dominique near Paris

14:01:31 From Ralph Early to Hosts and panelists:

Hi from the UK. Name: Ralph Early.

14:01:33 From Silvia Alonso to Everyone:

Hello from Argentina

- 14:01:38 From Teresa Haines to Hosts and panelists:**
Hello from Northumberland
- 14:01:39 From Marie-Hélène Bacon to Everyone:**
Bonjour from Montréal
- 14:01:41 From Antoine CLEMENT to Everyone:**
Hello from Tours in France
- 14:01:43 From S. van Moyland to Everyone:**
Greetings from Somerset, UK
- 14:01:43 From Roberto Mantovani to Everyone:**
Hello everybody from Italy
- 14:01:46 From Jaap Veldhuisen to Everyone:**
Hello from the Netherlands!
- 14:01:47 From Eva Corral to Everyone:**
Hi, Eva from Brussels
- 14:01:54 From Tindara Santarelli to Everyone:**
Hello from Geneva!
- 14:01:55 From Michel Raaphorst to Everyone:**
Hi from Holland
- 14:01:56 From Michael Lohuis to Everyone:**
Hello from Canada
- 14:02:00 From Pieter Knap to Everyone:**
Hello from Pieter of Genus-PIC, also in the Netherlands just like Jaap
- 14:02:14 From Chris Till to Hosts and panelists:**
Chris Till, Ellen MacArthur Foundation, Isle of Wight
- 14:02:27 From Marion Dolezel to Everyone:**
Good afternoon from Vienna!
- 14:02:34 From Michael Eckerstorfer to Hosts and panelists:**
Hi from Austria and many thanks for hosting this Webinar - this is a truly interesting topic!
- 14:02:34 From Ava Wilkinson to Hosts and panelists:**
Hello from Australia
- 14:02:41 From Martin Peck to Everyone:**
Sorry hello to everyone from Powys Wales
- 14:02:47 From Zsofia Hock to Everyone:**
Hello, Zsofia from Switzerland
- 14:02:50 From Leonie Nimmo to Everyone:**
Great to see a good European contingent! Hi from West Yorkshire in the UK :-) Leonie (GM Freeze)
- 14:02:51 From Helena Berndl to Hosts and panelists:**
Hello from London!
- 14:02:55 From Marianne Miklau to Everyone:**
Hello, from Austria
- 14:03:01 From Frans Carree to Everyone:**
Hello From Holland!

14:03:59 From Erik Millstone to Everyone:

Hallo from Erik in England.

14:04:19 From Robert Fidirich to Everyone:

Hello, Fidusz from Hungary

14:05:21 From Ralph Early to Everyone:

Hello everyone.

14:05:21 From Tatiane Chud to Hosts and panelists:

Hello from the USA

14:06:49 From Helene Schmutzler to Everyone:

Hello from the Organic House in Brussels! (IFOAM Organics Europe)

14:07:57 From Elisabeth Bäcker to Everyone:

Hello from Freiburg/Germany

14:08:00 From Joana Iwaniw to Everyone:

Hello, Joana from Germany

14:08:51 From Veronica-Mae Soar to Everyone:

Hello from an eco-poet in England

14:12:23 From Ava Wilkinson to Everyone:

Hello from Australia!

14:12:58 From Veronica-Mae Soar to Everyone:

sustainability means what you are doing can continue indefinitely without problem. It can be sustained

14:28:16 From Ayms Mason to Everyone:

See paper from Jennifer Clapp: Precision Technologies for Agriculture: Digital Farming, Gene-Edited Crops, and the Politics of Sustainability, 2020

<https://direct.mit.edu/glep/article/20/3/49/95048/Precision-Technologies-for-Agriculture-Digital>

14:29:41 From Ayms Mason to Everyone:

Some of the links that Sarah posted at the end:

14:29:43 From Ayms Mason to Everyone:

Unlocking sustainability? The power of corporate lock-ins and how they shape digital agriculture in Germany, Sarah Hackfort, 2023.

<https://doi.org/10.1016/j.jrurstud.2023.103065>

14:29:50 From Ayms Mason to Everyone:

Democratization through precision technologies? Unveiling power, participation, and property rights in the agricultural bioeconomy, Sarah Hackfort, 2024

<https://doi.org/10.3389/fpos.2024.1363044>

14:30:13 From Martin Peck to Everyone:

Thank you Sarah

14:32:02 From Ayms Mason to Everyone:

We recently published a report on what Agroecological Farmers think about Agritech of all kinds, including genetic technologies - <https://abiggerconversation.org/what-do-agroecological-farmers-think-about-agritech>

14:33:25 From Ayms Mason to Everyone:

Please do use the chat for conversation and the Q&A for any questions that come up from these presentations

14:34:05 From Pat Thomas to Everyone:

We want to hear from you! Please put your questions in the Q&A. Thanks!

14:36:40 From Andrew Planet to Everyone:

Thanks Angelika for emphasising how genes must be looked at in context of the environment, that's a nice sobering reminder.

14:39:14 From Chris Till to Hosts and panelists:

This is a truly powerful talk - this is challenging what I spent much of my career researching

14:45:57 From Martin Peck to Everyone:

Brilliant thank you Angelika

14:47:19 From Robert Fidrigh to Everyone:

Thanx, Angelica! I hope the video of your speech will be available for the general public soon!

14:50:21 From Jon Carapit to Everyone:

GMO in the USA, a decade of promises without commercialisation. Just 6 NGT products on the US market. <https://www.infogm.org/7911-usa-gmo-a-decade-of-promises-without-commercialization?lang=fr>

14:53:11 From Jon Carapit to Everyone:

FYI - Liability and Insurance are key to moderating commercial risk taking
<https://scholarlycommons.law.emory.edu/cgi/viewcontent.cgi?article=1315&context=elr>

14:55:34 From Jon Carapit to Everyone:

other useful references in the slides to the consumer-focussed webinar for Soil and Health NZ <https://soilandhealth.org.nz/association-meetings-and-events/ge-webinar-what-do-consumers-want>

14:57:57 From Ayma Mason to Everyone:

See this article on Sustainability not being a substitute for safety when it comes to genetically engineered organisms <https://abiggerconversation.org/sustainability-is-not-a-substitute-for-safety>

15:01:05 From Martin Peck to Everyone:

Thank you Nic

15:01:19 From Chris Till to Hosts and panelists:

Thank you Nick

15:01:41 From Veronica-Mae Soar to Hosts and panelists:

Thank you so much Nic, I am right up there with you

15:03:17 From Veronica-Mae Soar to Everyone:

Nitrogen fertilizer is also a key in the current water/river problems.

15:10:11 From Jon Carapit to Everyone:

Claims of safely “speeding up evolution” - but that comes with a risk to the integrity of natural systems at SCALE

15:11:20 From Martin Peck to Everyone:

...unknown risk when the predicament advises not to increase risk

15:12:47 From Andrew Planet to Everyone:

If GM is so promising then why is it not made obvious on product packaging as a selling point, which they should?

15:13:12 From Chris Till to Hosts and panelists:

Also who has the power to stifle and shelf technology is also an important consideration.

15:14:23 From Grietje Raaphorst-Travaille to Hosts and panelists:

There are already a lot of patent applications with 'crispr' and 'plant' in it.

15:16:39 From Grietje Raaphorst-Travaille to Hosts and panelists:

And over 1000 patents on natural characteristics granted after they have been applied for.

15:18:35 From Veronica-Mae Soar to Hosts and panelists:

Angelika - you put things so well thank you

15:19:04 From PENNY DE FREYNE to Everyone:

What about animals? Do they deserve recognition as sentient beings because we seem to ever be finding increasing ways to use and abuse them? What makes us think we have the right to use them and engineer them for profit and as commodities? Also we are destroying our environment by doing this so we should definitely not keep doing this and consider veganism which is kinder, healthier (if done properly) and better for the environment and animals.

15:20:19 From Jon Carapit to Everyone:

Fyi - Scaling Risk to Natural complex systems

<https://online.ucpress.edu/elementa/article/9/1/00086/116462/Differentiated-impacts-of-human-interventions-on>

15:21:37 From Veronica-Mae Soar to Hosts and panelists:

Nlk - we already have ruined many local farming practices by shoehorning in the Western way,

15:23:38 From Andrew Planet to Everyone:

Unregulated or otherwise irresponsible genetic hacking makes me feel like if it has the potential to destroy all other life.

15:24:37 From Grietje Raaphorst-Travaille to Hosts and panelists:

In The Netherlands there has been a protest by students who demand less influence of the big agro

15:25:41 From Martin Peck to Everyone:

Throwing in a commercial example, in the current soil Food Web webinar Tod Harrington had one of his clients stop using Glyphosate within 3 years and switched over to none GMO and saved the client over a million dollars...anecdotal of course?

15:27:23 From Jon Carapit to Everyone:

Risk of uncontrollable microorganisms is a major focus of

15:27:35 From Jon Carapit to Everyone:

<https://protectnaturenow.com/>

15:27:48 From Shiny Varghese to Hosts and panelists:

Hello Aym's mason: Thanks for a great webinar. Struck by the statement on shift in profit models! Would it be possible to get a recording? Also the ppts presented? Grateful if you are able to pass on my email address to the presenters svarghese@iatp.org, or if you can share their emails with me. Thank you.

15:30:06 From Ian L. Robson to Hosts and panelists:

If we embrace the ecosystem, Lions exist to eat the herbivores. The natural system is how it is. Each human is a part of Nature, which includes use of plants and animals, and humans do depend on the entire ecosystem. Vegan is not perfect, neither is non vegan. My cattle do respond to their day to day experience in rational to the cow ways, they are smart cows, the same as is your pet dog or cat, the relation with animals is a huge help to fully understanding the way nature works. Are humans smart? WE learn from animals, learned how to hunt to survive, the deer are part of the life cycle of our Earth. Embrace the full condition of our Earth.

15:30:39 From Jon Carapit to Everyone:

The immediate threat of use of AI is in synthetic biology - creating new IP in organisms - converging with GE, Nanotechnology -not just in labs for medicine but in the environment

15:30:51 From Veronica-Mae Soar to Hosts and panelists:

AI does not "understand" it just draws upon what humans know and understand

15:32:03 From Shiney Varghese to Hosts and panelists:

AI can only analyse existing information - if anything will be understood in future it will only because we generate info ourselves.. and ai can perhaps assist in some ways.

15:32:06 From Andrew Planet to Everyone:

Thanks for the link @Jon Carapit

15:32:14 From Martin Peck to Everyone:

This needs to be a week long conference where we can all bring in our questions so that they can be discussed far more fully - so much brings out the particular context of assumption about many uncertain matters.

15:32:43 From Leonie Nimmo to Everyone:

Great event! Thanks all

15:33:27 From Claire Bleakley to Everyone:

thank you for the interesting discussion.

15:34:26 From Andrew Planet to Everyone:

Thanks for the talk. I'm leaving this event with a feeling of involving the legal authorities including the Police to deal with irresponsible gene editing.

15:35:14 From Angelika Hilbeck to Hosts and panelists:

Critical thinking and remaining sceptical is key for academics and avoid discursive lock-ins - more than ever

15:35:48 From Sabine Richard to Everyone:

Thanks to all speakers for sharing their views on GMOs and sustainability in food systems.

15:36:23 From Siguna Mueller to Everyone:

Thanks all for your FORESIGHT and wisdom

15:36:28 From Jon Carapit to Everyone:

FYI - liability and mandatory insurance - polluter pays - to moderate commercial risk taking at social and environmental risk

<https://scholarlycommons.law.emory.edu/cgi/viewcontent.cgi?article=1315&context=elr>

15:36:37 From Ralph Early to Everyone:

Thank you for a fascinating and thought provoking session.

15:36:44 From Ava Wilkinson to Everyone:

Thank you so much for this talk. I really like how a systems approach and thinking is being brought to the table and discussed. Great event, and thank you to all the speakers for their views!

15:36:59 From S. van Moyland to Everyone:

Thank you so much for all your work and this webinar.

15:37:04 From Eva Corral to Everyone:

Thank you Pat and all

15:37:20 From Shiney Varghese to Everyone:

Thank you!

15:37:20 From Ralph Early to Everyone:

Address the ethics of GM and sustainability next time.

15:37:20 From G Egidy to Everyone:

Thank you all speakers

15:37:22 From Grietje Raaphorst-Travaille to Hosts and panelists:

Thank you so much for your good work

15:37:23 From Ian L. Robson to Hosts and panelists:

Really great presentations

15:37:30 From Silvia Alonso to Everyone:

Thank you all!

15:37:32 From Joana Iwaniw to Everyone:

Thanks to all of you!

15:37:32 From Jaap Veldhuisen to Everyone:

Thanks all! This was very interesting!