From:
Sent: 2015-08-06 4:29:48 PM
To:
Jaimie.Schnell@inspection.gc.ca;

CC:
BCC:
Subject: Re: Gene drive technologies - New challenge for ERA?

Hello all

I believe ³gene drives" is the kind of technology that is going to create a lot of uneasiness in many people. I believe it would certainly be wise to include this in the program and to follow its development to invite someone who would be at the forefront of the research at the proper timer.

I believe this could be grouped with other New Plant Breeding Technologies

I also believe that for synthetic biology the current ERA framework is enough but it may be worth discussing it.

De:
Fecha: Thursday, August 6, 2015 at 10:59
Para:

, 'Jaimie Schnell' <Jaimie.Schnell@inspection.gc.ca>
CC:
Asunto: RE: Gene drive technologies - New challenge for ERA?

Perhaps a ³new technologies² or ³what is the horizon² sessionŠ

Gene drives - how to do an ERA?

Synthetic Biology - would this change how ERAs are done? (I think the basic framework is still valid)

New Breeding Technologies, Crispr/CAS for example - most ERAs thus far talk about adding a gene or a gene product, but if you remove a gene, how does that affect how you do an ERA?

Maybe something about non-³crop² GMO plants? Much of our discussion has been about typical agricultural crops like maize, soy, cotton. But what about new crops that provide industrial feed stocks?

Not sure if any of these deserve a full session, but they are topics on the horizonŠ

From:
Sent: Thursday, August 06, 2015 2:58 AM
To:

'Jaimie Schnell'

Cc:
Subject: Gene drive technologies - New challenge for ERA?

Perhaps another interesting topic to schedule for discussion at the next ISBGMO

http://www.independent.co.uk/news/science/gene-drives-government-science-advisers-expected-to-investigate-potentially-dangerous-gm-organisms-10436053.html
http://www.sciencemag.org/content/early/2015/07/29/science.aac7932.abstract
http://www.sciencemag.org/content/348/6233/442.abstract

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From:
Sent: 2015-08-06 9:27:30 PM
To:
Jaimie.Schnell@inspection.gc.ca;

CC:
BCC:
Subject: RE: Gene drive technologies - New challenge for ERA?

Dear
Thank you for your message and for sharing this links.
Here I am sending you some comments from the Local Committee on the program proposal that you sent us.
Sorry for the delay we had our meeting last week.
I hope you all find this comments useful.
We are also identifying possible speakers and we will send an addition to the list you have, soon.
Kind regards

De:
Enviado el: jueves, 6 de agosto de 2015 02:58 a. m.
Para:
Jaimie Schnell'
CC:
Asunto: Gene drive technologies - New challenge for ERA?

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<<File: Mime.822>>

From:
Sent: 2015-08-07 8:13:01 AM
To:
CC:
Jaimie.Schnell@inspection.gc.ca;

BCC:
Subject: RE: Gene drive technologies - New challenge for ERA?

Dears,

An idea could be to discuss it in two different contexts - GM insects and new plant breeding techniques.

Best,

From:
Sent: 07 August 2015 01:53
To:
Cc:
Jaimie Schnell
Subject: Re: Gene drive technologies - New challenge for ERA?

I agree with that current risk frameworks can deal with SynBio - but think that this would be a good presentation to have made in this session...

Sent from my iPhone

On Aug 6, 2015, at 3:31 PM,
wrote:

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De: "
Fecha: Thursday, August 6, 2015 at 10:59
Para:

'Jaimie Schnell'
<Jaimie.Schnell@inspection.gc.ca<mailto:Jaimie.Schnell@inspection.gc.ca>>
CC:

Asunto: RE: Gene drive technologies - New challenge for ERA?

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Synthetic Biology - would this change how ERAs are done? (I think the basic framework is still valid)

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Cc: '
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Este mensaje ha sido analizado por MailScanner<http://www.mailscanner.info/>
en busca de virus y otros contenidos peligrosos,
y se considera que está limpio.
MailScanner agradece a transtec Computers<http://www.transtec.co.uk/> por su apoyo.

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Francais Deutsch Italiano Espanol Portugues Japanese Chinese Korean

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<<File: Mime.822>>

From:
Sent: 2015-08-07 11:18:16 AM
To:
Jaimie.Schnell@inspection.gc.ca;

CC:
BCC:
Subject: RE: Gene drive technologies - New challenge for ERA?

Hi

Thanks for this. I admit my ignorance on this subject as this was new on me. I agree with what others have said. ISBR should be looking ahead and facilitate a discussion on how to deal with these new technologies in a scientific way. So I would support including some talks during the conference.

Regarding your question on organization or formats, can I throw in a crazy idea? How about a pecha kucha session? These are 5-10 min talks run on a timed presentation that moves slides every minute. Presenters have to make their point in that time. This could be set up for students that may not yet have results, but have their research projects in place. They could tell us what they are doing in 10 minutes. They could even be associated with posters. We did some of these at Syngenta and they were fun, it is a dynamic way to learn what is going on without going into fine details.

See what you think.

Regards

From:
Sent: 06 August 2015 08:58
To:
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Cc:
Subject: Gene drive technologies - New challenge for ERA?

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http://www.sciencemag.org/content/348/6233/442.abstract

From:
Sent: 2015-08-07 12:02:09 PM
To:
Jaimie.Schnell@inspection.gc.ca;

CC:
BCC:
Subject: RE: Gene drive technologies - New challenge for ERA?

Neat idea!

FYI.

Pecha Kucha is a presentation format where each presenter gets 20 slides each of which is shown for 20 seconds – then automatically advances. So once you start, you have 400 seconds (6 minutes, 40 seconds) and then you are done. In some venues they apparently use the next 3 minutes to answer a question, then they move on.

It was first started by a group of architects that were tired of presentations that ran on and on. One thought that I have heard is that if you can't cover your topic in a 20x20 format, then you really aren't a very good organizer/communicator.

http://www.pechakucha.org/faq

From:
Sent: Friday, August 07, 2015 10:18 AM
To:
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Cc:
Subject: RE: Gene drive technologies - New challenge for ERA?

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