Subject: RE: CBD forum response required

From: "Friedman, Robert" <rfriedman@jcvi.org>

Date: 7/26/2017 12:57 PM

To: Benjamin Robinson <Ben@emergingag.com>, "fred_gould@ncsu.edu" <fred_gould@ncsu.edu>,

"tkuiken@nscu.edu" <tkuiken@nscu.edu>, "ebier@ucsd.edu" <ebier@ucsd.edu>,

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CC: "'Delphine Thizy (d.thizy@imperial.ac.uk)'" <d.thizy@imperial.ac.uk>, Isabelle Coche <lsabelle@emergingag.com>, "mqbenedict@yahoo.com" <mqbenedict@yahoo.com>

Hi Ben-

I am working on a response that will include what the Cartagena Protocol does (and does not) cover.

Bob

Robert M. Friedman Vice President for Policy and University Relations J. Craig Venter Institute 4120 Capricorn Lane, La Jolla, CA 92037 phone: 858-200-1810

cell phone: 240.888.9801

From: Benjamin Robinson [mailto:Ben@emergingag.com]

Sent: Wednesday, July 26, 2017 9:51 AM

To: fred_gould@ncsu.edu; tkuiken@nscu.edu; ebier@ucsd.edu; ssubramani@ucsd.edu; a.drcrisanti@imperial.ac.uk; nbesansk@nd.edu; npiediab@gmail.com

 $\textbf{Cc:} \ \ \textbf{Friedman, Robert <rfriedman@jcvi.org>; 'Delphine Thizy (d.thizy@imperial.ac.uk)' < d.thizy@imperial.ac.uk>; }$

Isabelle Coche <Isabelle@emergingag.com>; mgbenedict@yahoo.com

Subject: CBD forum response required

Hi all,

You may wish to address the below comment which was posted today in the CBD forum:

- Rainer Breitling, University of Manchester: https://bch.cbd.int/synbio/open-ended/discussion/?threadid=8598#8669
 - It seems to suggest that gene drive LMOs introduced into the wild could lead to the propagation of
 their genetic material throughout an entire species, rather than a localized population or specifically
 targeted sub-species. This has problematic implications for risk assessment, and the adequacy of
 extant frameworks for managing risk, transboundary movement, and access and benefit sharing.
 - It may be good for those with the requisite expertise to intervene briefly on how and why the spread
 of gene drives would not be uncontrolled.
 - o It may also be good if someone with applicable regulatory experience could also comment on what CBD provisions are relevant to the hypothetical examples outlined in Mr. Breitling's comments.

Would any of you be in a position to address these issues?

Regards,

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Ben



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CBD Online Forum on Synthetic Biology will take place soon! Experts should <u>register online</u> to participate.

Contact us if you require assistance.

Supporter of the Manyinga orphan schools project – find out more at www.manyinga.org

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