

## Cecile Girard - CRISPR Gene Drives

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**From:** Jaimie Schnell  
**To:** Girard, Cecile; Levac, Dylan  
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**Subject:** CRISPR Gene Drives  
**Attachments:** PNAS-2015-Webber-10565-7.pdf

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Hi Dylan and Cécile,

Since we've been talking about CRISPR a lot all of a sudden, I thought I would share a specific application of the CRISPR technology that has garnered some interest/concern: gene drives. They are primarily being considered for applications such as mosquito control, but the attached paper also discussing using them to control invasive species. I've also seen at least one reference to using such gene drives to reverse the development of resistance, which is one that is more directly applicable to our work.

Incidentally, this is one topic under consideration for the 2017 ISBGMO (Cécile, I don't think I've had the change to mention this to you yet, but I'm on the scientific committee for the ISBGMO).

Jaimie