

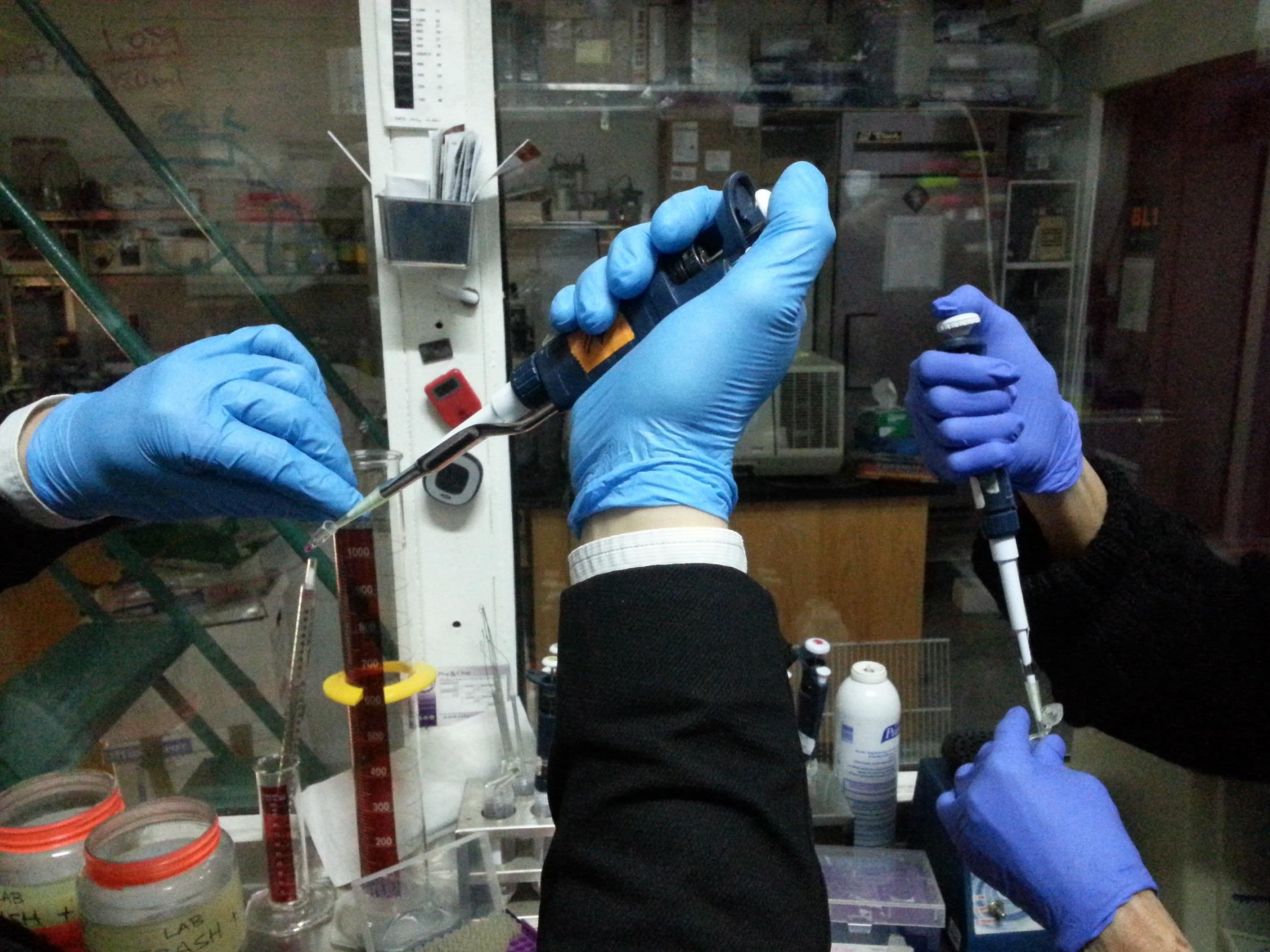


Community Lab

Science by the People
for the People





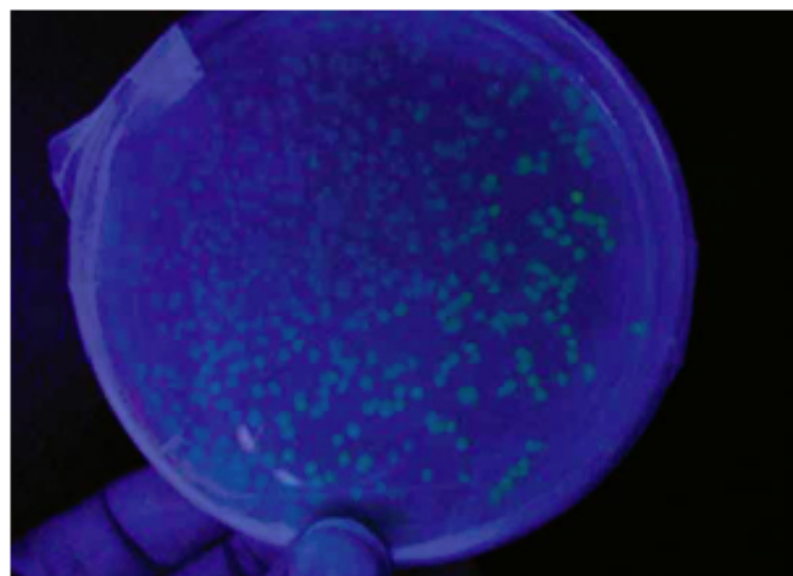


Volume 23 | Issue 8 | Page 17


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Reprints | Issue Contents
By Daniel Grushkin

Am I a biohazard?



Foreign genes expressed in glowing *E. coli*, the result of the evening's DIYbio experiment.

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6 comments

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Brooklyn, New York, April 21, 19:00 hours: Molecular biologist Ellen Jorgensen and I spread a plastic tarp over my cherry table and parquet floor. Then, one by one, we set vials and pipettes down, preparing a lab in my living room. We had dubbed it DNA and Pizza Night on the DIYbio message board, inviting aspiring amateur geneticists to gather and learn the rudiments of bioengineering. Not a bad deal either—a lab followed by beer and pizza, all for \$10 per person.

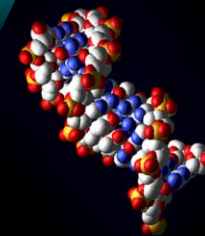
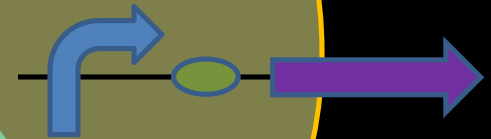
As the aficionados and the curious made their way to my Brooklyn home, Jorgensen and I laid out our genetic-makeover patient, a sealed Petri dish of *E. coli*. It was our first meeting working with live bacteria, and it had already

Maker
Movement

Synthetic
Biology

DIYbio

Cheap DNA &
Used Equipment

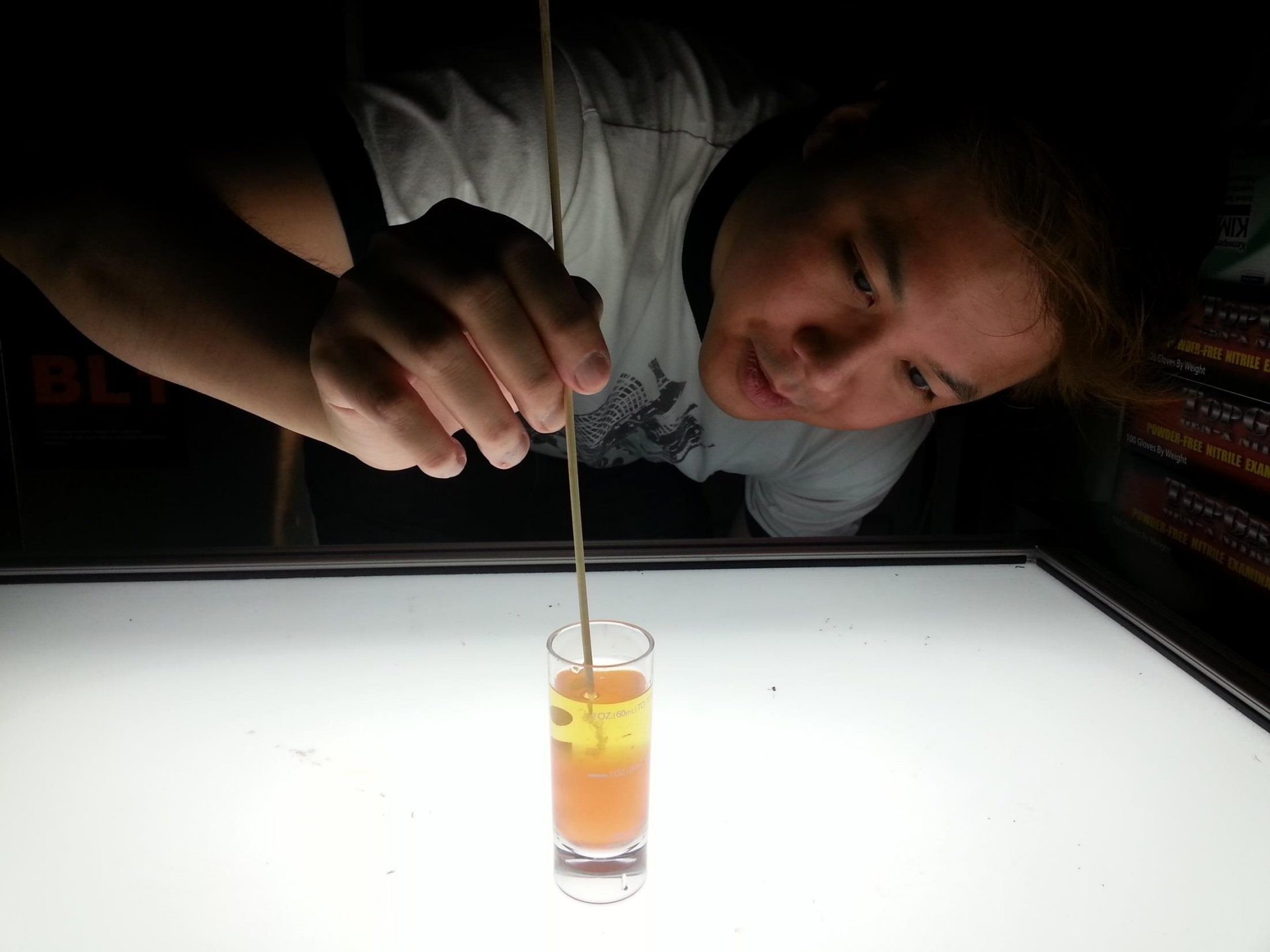






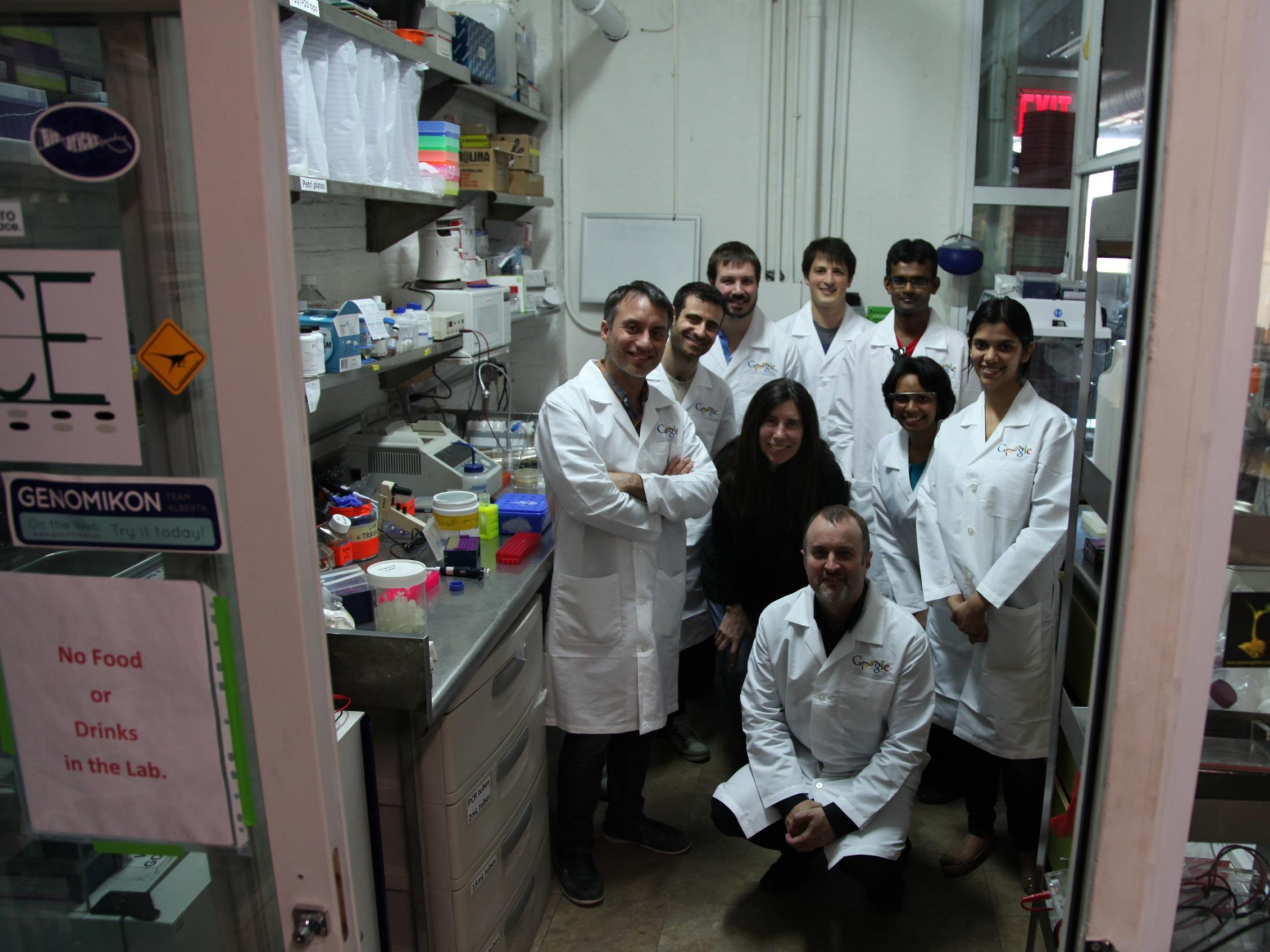












GENOMIKON TEAM ALBERTA
On the web Try it today!

No Food
or
Drinks
in the Lab.

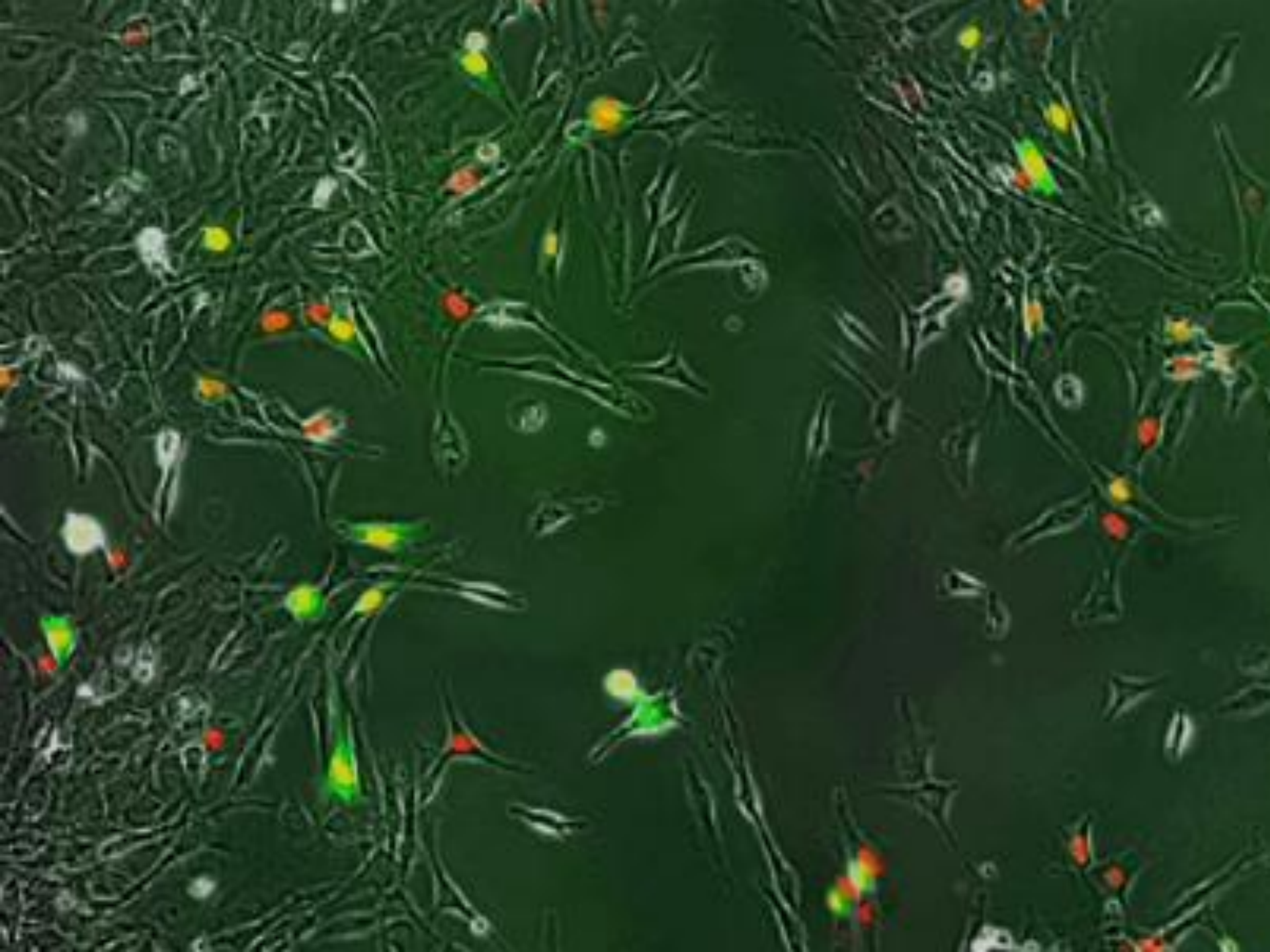
Dry and Clean
Glassware Goes
on Shelves.

←←←←←

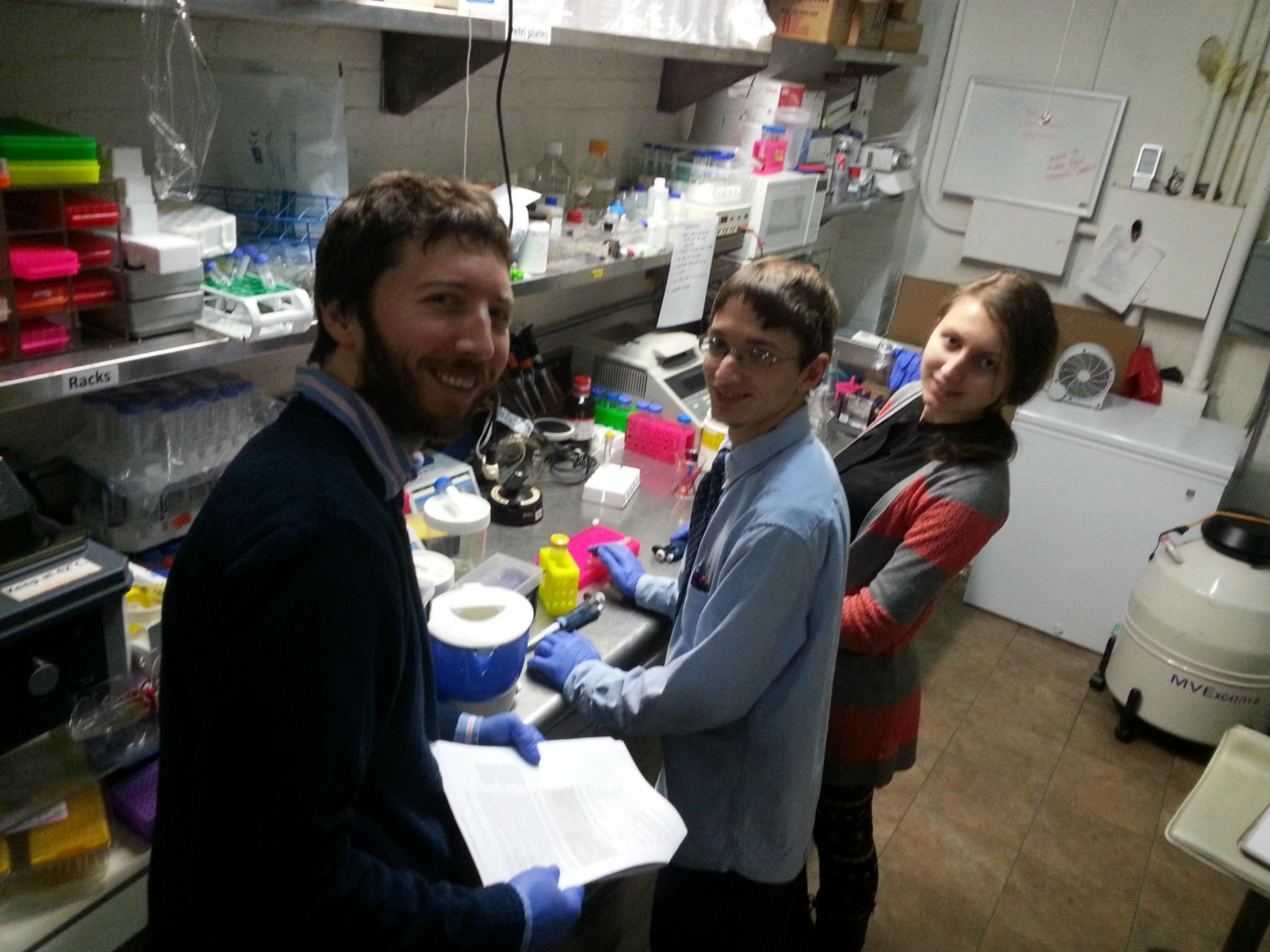
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Machine Competition



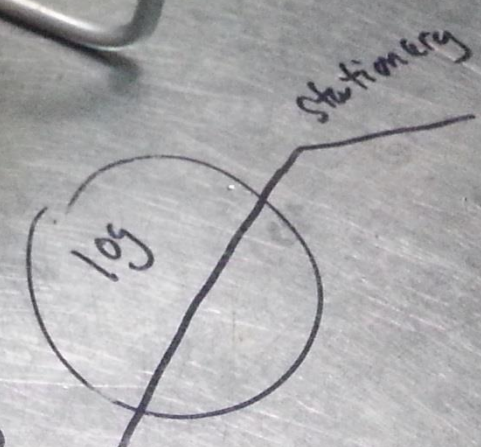


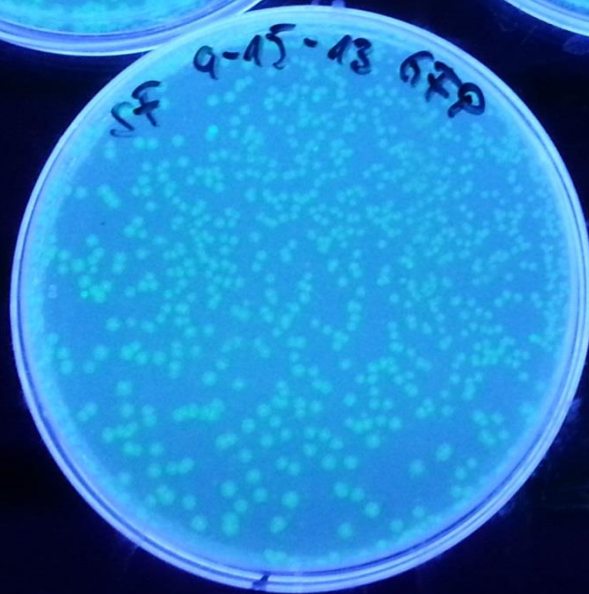
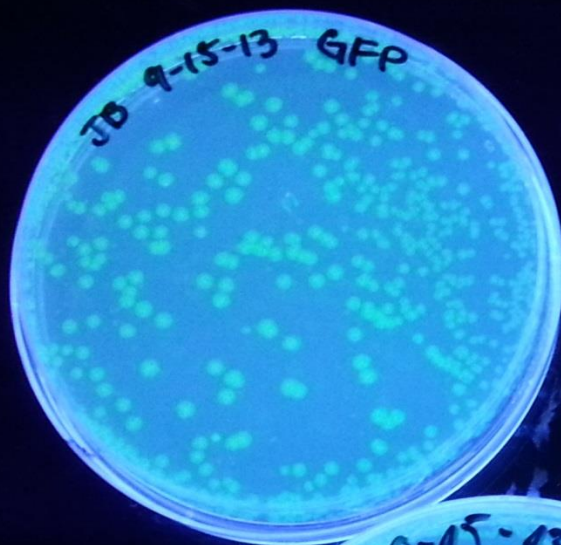




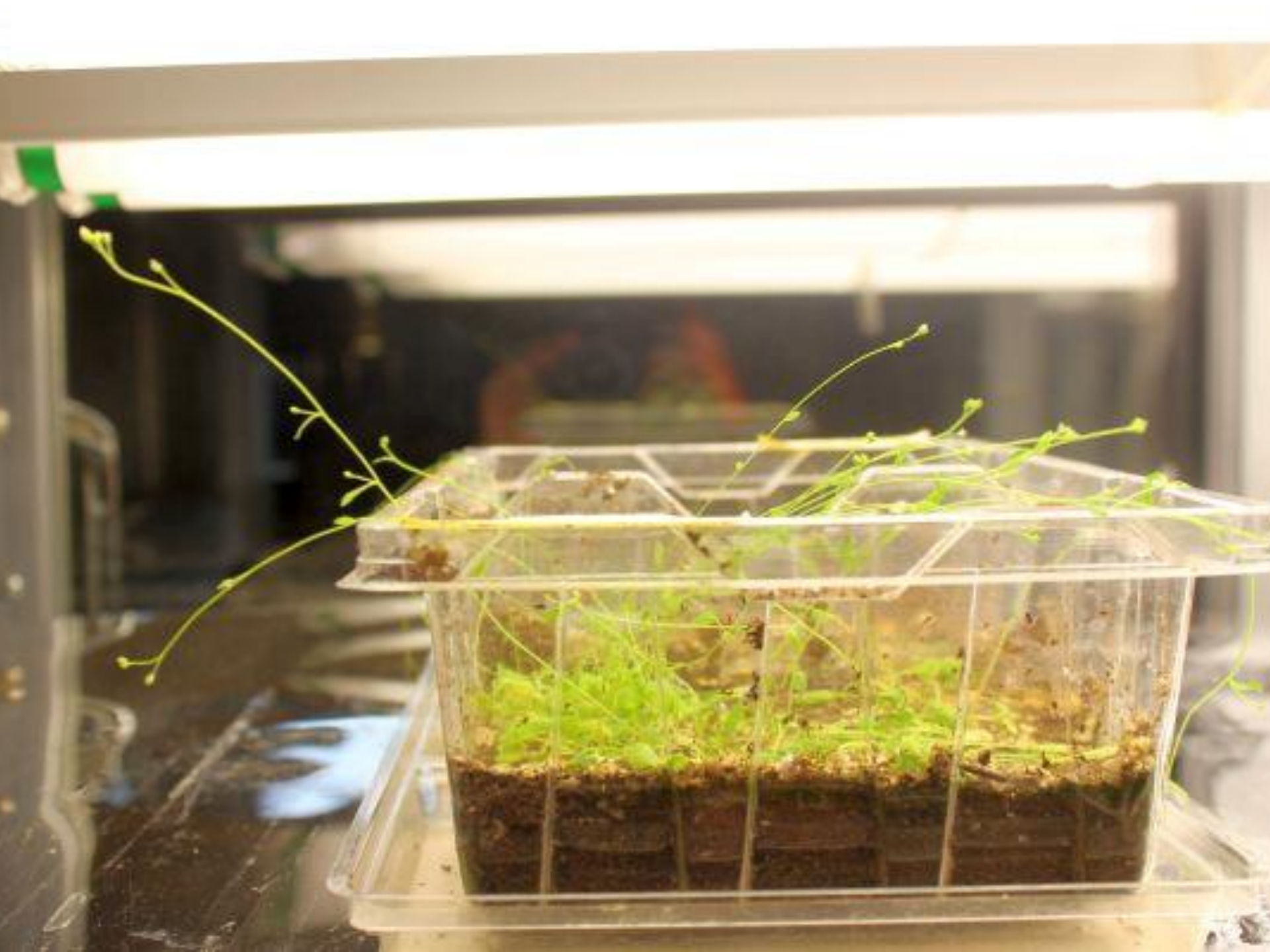


5 μ L DNA pBR322
1 μ L BstNI (1000 U/ μ L)
2 μ L 10x buffer
2 μ L water
11 μ L
0 μ L





 CAUTION



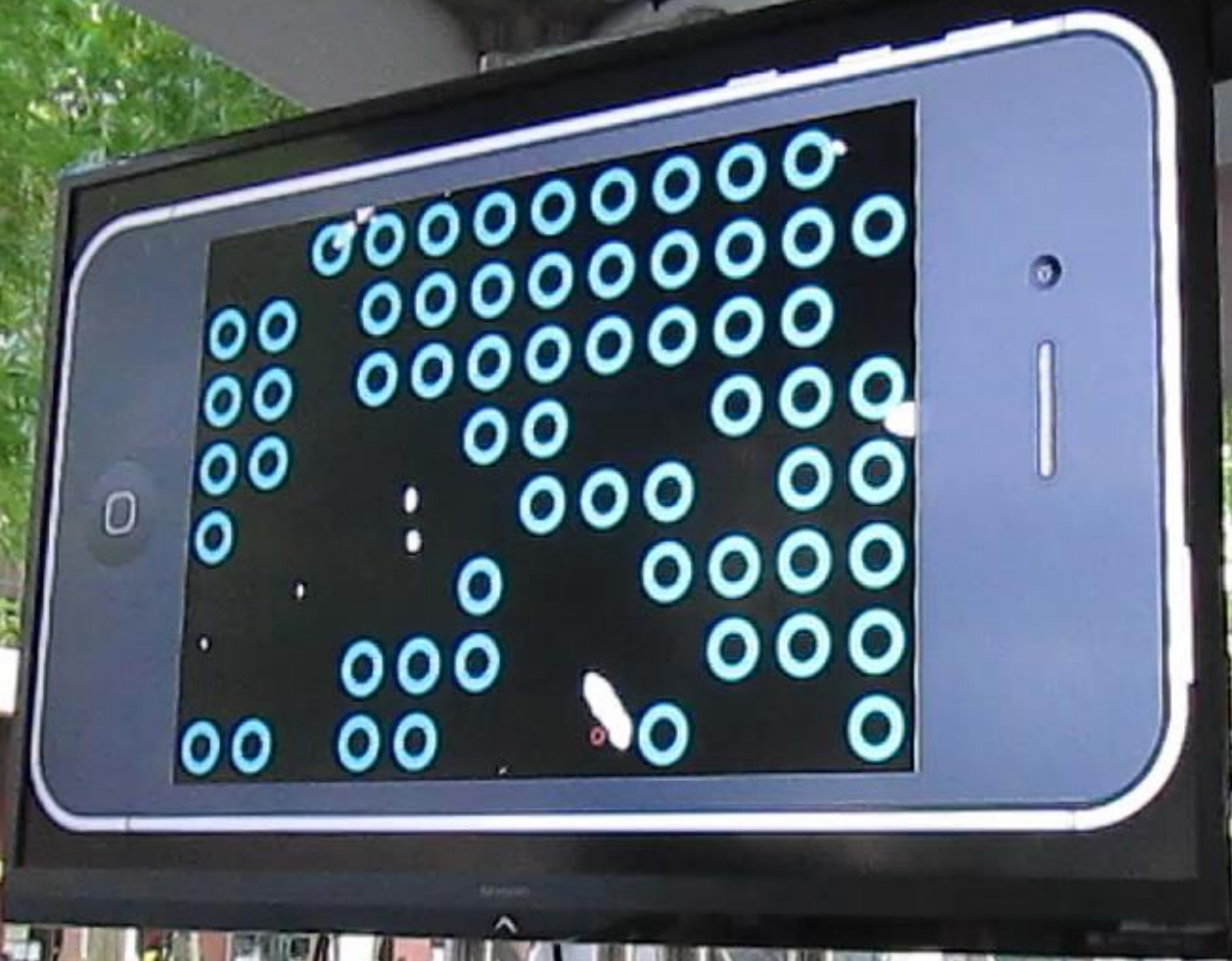


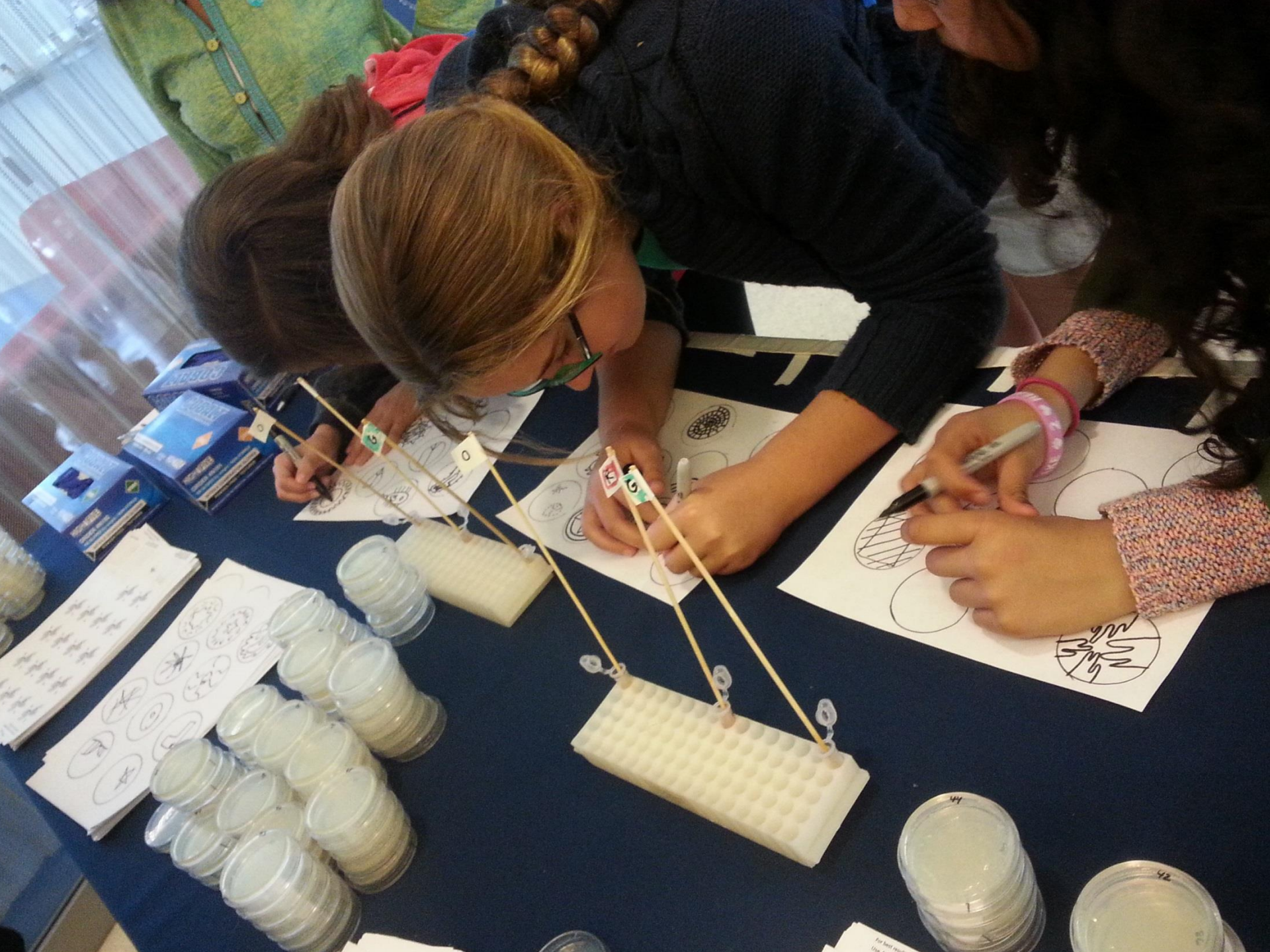
1. 500 µl of plant
2. Put in 45 ml and 10.
3. Add 200 µl of lysate
and until dissolved
4. Add 100 µl for 10 min
5. Run at max speed 10 min
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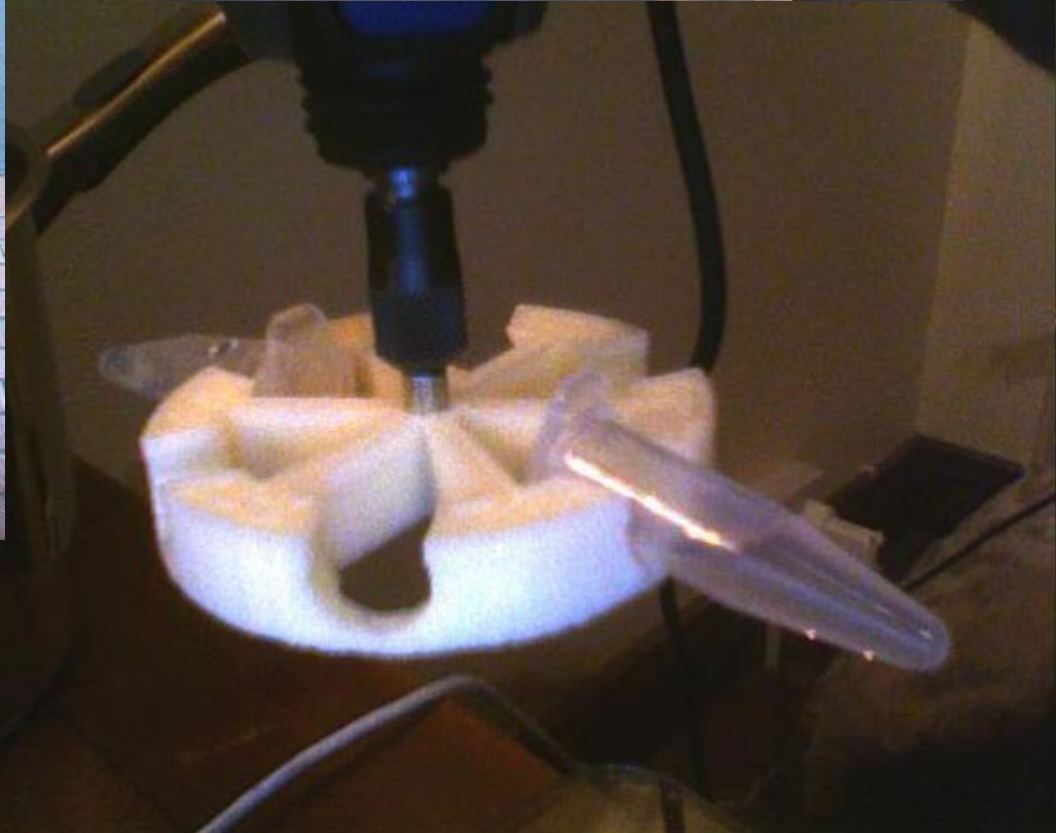
PAGE/W

World
Science
Festival















Us



It's difficult to be scared of genetic engineering if you've done it side-by-side with your teenager.

STAND BACK



**I'M GOING TO TRY
SCIENCE**