

The New iGEM Distribution



Vinoo Selvarajah
Director of the Registry
iGEM Foundation,
Boston



Jacob Beal
Engineering
Committee
Chair



Maarten Lubbers
Engineering
Committee
Member



Nikolaos Delkis
Engineering
Committee
Member



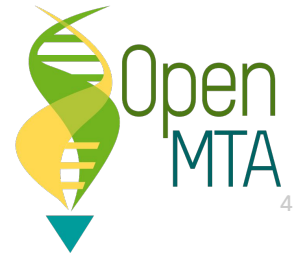


Why a new iGEM Distribution?



**iGEM
Engineering
Committee**

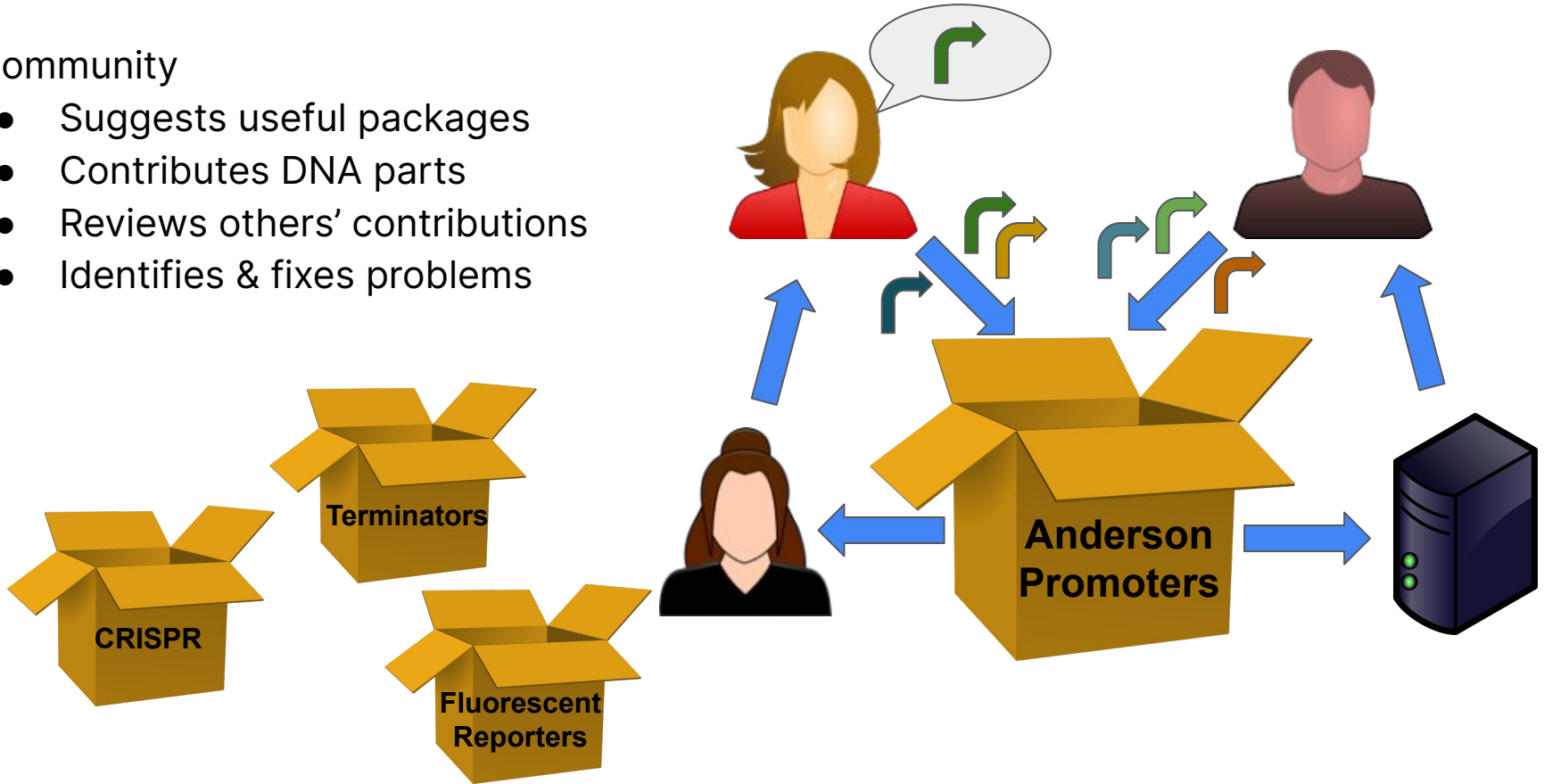
**FREE
GENES**



How: Collaborative curation & review of “packages”

Community

- Suggests useful packages
- Contributes DNA parts
- Reviews others' contributions
- Identifies & fixes problems





WHAT's in the 2022 Distribution?

Interlaboratory Studies

What is the current issue? “Relative expression” of fluorescence data makes it hard to

1. debug engineered biological constructs
2. effectively share constructs between labs
3. interpret your experimental controls.

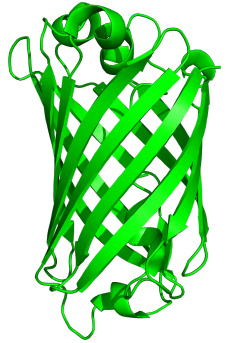
What have we done? Robust measurement procedure for GFP

→ Various publications with iGEM teams as co-authors

What's new this year? Multi-color calibrations (green-red-blue)!

Interested in joining? Make sure to fill in the survey!

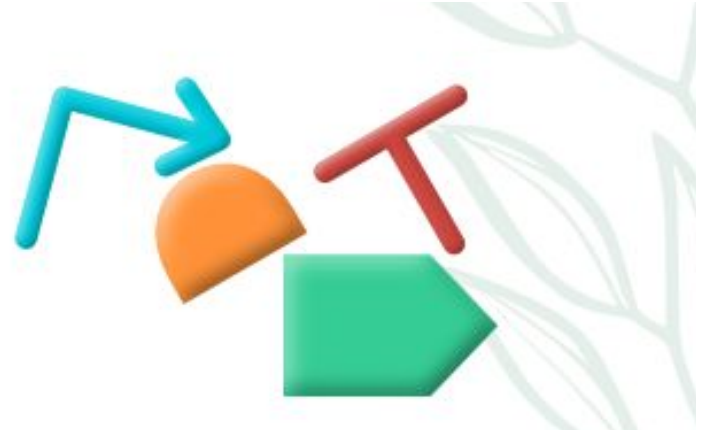
https://www.surveymonkey.com/r/2022_InterLab



Plants!



Engineering of dicot plants



22 parts in Distribution 2.0

Let's grow the plant parts package together!

engineering-plants@igem.org



WHAT COMES NEXT?

More of this!

