



# NSF PLANT TRANSFORMATION WORKSHOP

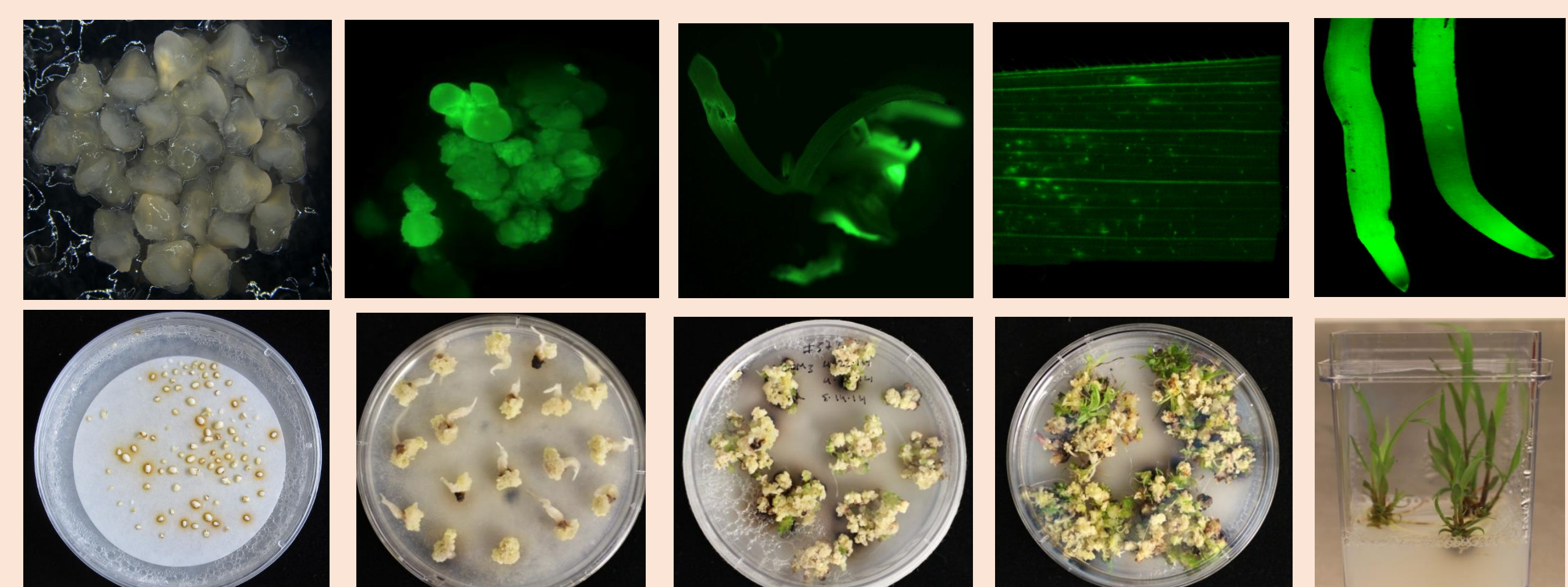
The Plant Transformation Core Facility at the University of Missouri, Columbia, MO, will offer a plant transformation workshop which will be sponsored by National Science Foundation Plant Genome Research Program.

This 5-day workshop will feature hands-on training in cereal transformation which will include advanced *Agrobacterium*-mediated transformation protocols for recalcitrant cereals, including: maize (*Zea mays*) inbred, sorghum (*Sorghum bicolor*), and model grass (*Brachypodium distachyon*). The workshop will also offer two lectures and a discussion forum.

The trainees will have opportunity to learn how to employ plant morphogenic regulator genes to transform reference maize B73 as well as the best practice to transform other maize inbred, sorghum, and *Brachypodium* (Figure below for example protocol photos).

Maize B73 transformation  
Mookkan et al., 2017, Plant Cell Rep.

Sorghum P898012 transformation  
Do et al., 2016, Plant Cell Rep.



## Workshop details:

**Date:** July 30-August 3, 2018  
**Time:** 8:30am-5:30pm  
**Location:** Plant Transformation Core Facility, University of Missouri, Columbia, MO, USA

Vacancies are limited. **Pre-registration (free) by June 20, 2018** is required to secure your spot.

**To register please visit** <https://plantsciences.missouri.edu/muptcf/workshop>, which will also provide updated information.

**For any questions, please contact Zhanyuan J. Zhang, [zhangzh@missouri.edu](mailto:zhangzh@missouri.edu).**

