

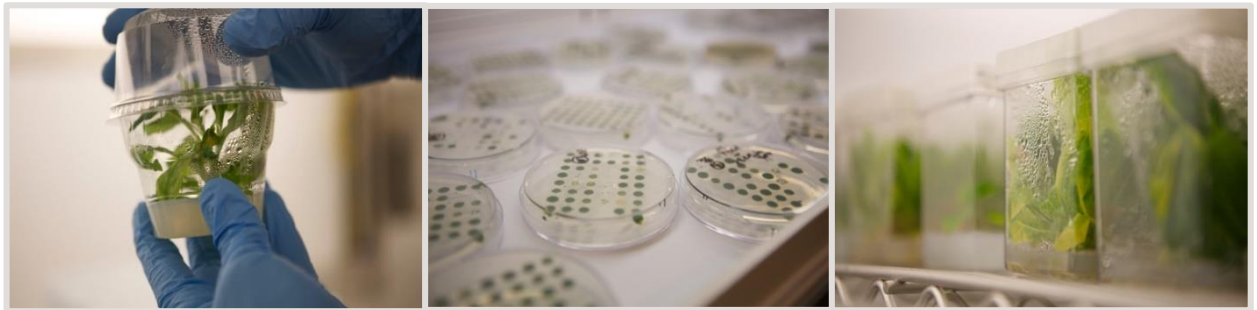
# Plant Tissue Culture & Transformation

*Operates as a full-service facility delivering transgenics and cell cultures to researchers and a self-service facility providing high-quality space for researchers to use for their own specific project needs.*



The Tissue Culture & Transformation Facility is comprised of over 1,000 sq. ft. of lab working space and nearly 1,000 sq. ft. of culture growth space. The facility operates both as a self-service facility, providing a high-quality work environment for researchers to use for their own specific project needs and a full-service facility where the facility staff will produce and deliver transgenic material from a selection of transformation systems available.

Full-service transformations can be requested utilizing systems that are currently available within the portfolio. Systems included within the staff's transformation portfolio include: *Setaria viridis*, maize, soybean, rice, Indian mustard, tomato, *Nicotiana sp.* and petunia. The facility staff can also provide assistance, consultation and training workshops.



## Equipment for Self-Service

- Lamar flow hoods and equipment
- High-quality culture growth rooms and units
- Dedicated media preparation area
- Culture incubators and shakers
- Autoclave & Glasswasher
- Glassware and plastic ware
- Basic Consumables



DONALD DANFORTH  
PLANT SCIENCE CENTER  
DISCOVERY | COMMUNITY | IMPACT

## The Facility

---

The culture growth space includes four large computer controlled Conviron Walk-In culture rooms, 10 Percival Scientific chamber units and a Sanyo chamber/incubator. The 1,000+ sq. ft. of lab space contains a media preparation area, a media kitchen hosting a glass washer and autoclave and a functional lab composed of bench space, lab equipment and laminar flow hoods.



### Plant Transformation Service Portfolio

---

- *Setaria viridis*
- Maize
- Soybean
- Rice
- Tomato
- *Brassica juncea*
- *Nicotiana sp.*
- Petunia

***For more information, contact:***

Veena Veena, Ph.D., MBA

Director, Plant Tissue Culture & Transformation

(314) 587-1634

[vveena@danforthcenter.org](mailto:vveena@danforthcenter.org)



*Information about the facility and pricing for services can be found on our website: [www.danforthcenter.org](http://www.danforthcenter.org)*