

# GSU Transgenic and Gene Targeting Core

Petit Science Center, Office 701  
100 Piedmont Ave SE  
Atlanta, GA 30303  
404-413-3603

## BAC DNA Pronuclear Microinjection Service Agreement

1. Advisory and experimental work is offered under conditions below unless otherwise agreed.
2. The investigator is responsible for the preparation of purified BAC DNA at the required quantity and concentration. The documentation regarding the BAC DNA preparation including pulsed field analysis showing quality will be discussed prior to an injection decision.
3. A single charge of \$2500 per injection for GSU researchers or \$3160 per injection for non-GSU researchers applies. The cost covers injection of up to 200 embryos and production of at least 2 transgenic founders (a mouse bearing the full or partial DNA construct). The TGT Core does not guarantee transgene expression.
4. If the project is not successful (e.g. no offspring produced) due to the transgene (e.g. embryo lethal, high pup mortality, etc.), the researchers are still responsible for the service fee.
5. The GSU TGT Core will consult and advise concerning problems specific to individual applications. Investigators are requested to acknowledge the GSU TGT Core or include Dr. Chengliu Jin and other participants judged significant as a co-author on all publications resulting from the genetically engineered animals.

**TGT Core Director:**

**Name:** Dr. Chengliu Jin

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Principal Investigator:**

**Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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## DNA Pronuclear Microinjection Request Form

### 1. Contact Information

Principal Investigator \_\_\_\_\_

Phone # \_\_\_\_\_ Fax #: \_\_\_\_\_

Department: \_\_\_\_\_

Address \_\_\_\_\_

Submitted by \_\_\_\_\_ Email Address: \_\_\_\_\_

Phone # \_\_\_\_\_ Lab Location: \_\_\_\_\_

### 2. Protocol Information

IACUC Protocol # \_\_\_\_\_ Approved Date \_\_\_\_\_

IBC Protocol # \_\_\_\_\_ Approved Date \_\_\_\_\_

Project Title \_\_\_\_\_

### 3. Project Information

Gene Name \_\_\_\_\_ Construct Name \_\_\_\_\_

Size \_\_\_\_\_ kb Concentration \_\_\_\_\_

Promoter / Enhancer \_\_\_\_\_

DNA Purification Method \_\_\_\_\_

Background Publications (if any):

#### Principal Investigator:

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_