

# MCB Tissue Culture Room Information & Rules

**Purpose:** Provides investigators with a sterile environment to work with and maintain BSL-1 organisms. The tissue culture room is equipped with a laminar flow hood, centrifuge, water bath, and two stackable CO<sub>2</sub> incubators to maintain cell cultures.

1. Always leave the tissue culture (TC) room door locked.
2. Do not open the TC room door if it is in use (displayed by the “occupied” sign).
3. To reserve a time, visit the “BM MCB SFH 263 Tissue Culture Room” Google calendar below and reserve time as followed:
  - a. Sign up for **1-3 hours** per day only. You may sign up for longer blocks of time on the weekends or holidays. Unique and occasional deviations can happen, please email Joshua Leitao ([Joshua\\_Leitao@brown.edu](mailto:Joshua_Leitao@brown.edu)) to coordinate.
  - b. If you need to cancel or edit a session, go to your calendar and edit the reservation. If you cancel late (on the day that you are signed up), please contact the person signed up before or after you so they can utilize the canceled time.

[Tissue Culture Room Reservation Calendar](#) (Email Josh for the link if needed)

4. Once you reserve time, indicate the TC room is in use from switching the “vacant” door sign to “occupied” and vice versa, when you leave the TC room please slide the door sign to “vacant”. Please bring and *remove* any supplies that is needed to conduct your work.
5. If using the laminar flow hood, please sterilize after use and turn on the UV light for 15 minutes prior to leaving the TC room. Please, do not touch the tip box(s) in the hood.
6. If using the CO<sub>2</sub> incubators, please ensure that there is enough autoclaved distilled water (NOT milliq H<sub>2</sub>O) in the bottom reservoir pan. There should be a bottle of autoclaved distilled water on the lab bench behind the microscope for use, if not, please contact Josh.

Note: The TOP incubator is for the Lapierre Lab, and the BOTTOM incubator is for other MCB researchers. Both incubators are supplied with CO<sub>2</sub> from the *same* CO<sub>2</sub> tank.

- a. If there is an insufficient level of CO<sub>2</sub> (<5%) in either of the incubators, replace the CO<sub>2</sub> tank with the new tank adjacent to the currently used tank and contact Joan Boyles ([Joan\\_Boyles@brown.edu](mailto:Joan_Boyles@brown.edu)) to purchase a new tank for the TC room. It is your responsibility to replace the old tank with the newly purchased one. Contact Josh for assistance, if needed.