

## VIBRATOME USER GUIDELINES

Mouse Histology & Phenotyping Laboratory  
Robert H. Lurie Comprehensive Cancer Center  
Northwestern Feinberg School of Medicine

- Only users trained or approved by MHPL staff may use the vibratome. Please contact MHPL if additional members of your lab require training to use the vibratome.
- **Specimens should not contain any biohazards or pathogens.**
- On-line reservations on NUCORE are required to use the vibratome. Please e-mail us once a reservation to avoid conflict with vibratome usage by MHPL staff:  
[mhpl@northwestern.edu](mailto:mhpl@northwestern.edu)
- Please sign in and out on the log for the instrument.
- **Reservations can be made between 9:00 am and 4:30 pm, Monday-Friday, excluding official holidays.**
- **Vibratome users are expected to bring the following items with them:**
  - **Vibratome Blades (e.g., Feather Double Edge Razor Blade, Electron Microscopy Sciences, Cat# 72002-01)**
  - **Brushes**
  - **Forceps**
  - **Acrylic Glue**
  - **Buffers**
  - **Sample Embedding Molds**
  - **Biohazard bag for discarded biological specimens (not to be left at MHPL after vibratome session is finished)**
- After finishing your vibratome session:
  - Turn off the main switch on the instrument.
  - Remove the blade and dispose safely.
  - Pull off the ice tray and buffer tray off the dovetail guide and dispose the contents.
  - Remove and clean the specimen plate. Using a blade, remove any residual specimen or acrylate glue attached on the specimen plate.
  - Rinse the ice tray, buffer tray, and specimen plate with deionized or distilled water and store to dry on the vibratome table.
  - **Please take your specimens back with you along with the biohazard bag for discarded tissues. Do not leave them in the room or dispose tissues in the regular rubbish bin.**
  - Lock the room after use.
  - **Please clean up the work space after yourself.**
  - Lock the room after use and return the key (if provided) to MHPL staff.