

Biomedical Engineering Research Core Laboratory B.M.E.R.C.L.

Instrument Usage and Agreement Form

I hereby consent to the rules and regulations of the BMERCL in the Cullen College of Engineering. I understand that I am the only person admitted into the Laboratory using my specific Identification Card in the Front Door (N 181 Eng. Bldg. 1) Card Reader until otherwise notified by the Laboratory Director, Dr. Daniel A. Martinez and the Biomedical Engineering Program Director, Dr. Matthew Franchek.

I plan to use one or more of the following CORE pieces of equipment (listed as: BMERCL-Core) located in the BMERCL: **(Check all that apply)**

- | | |
|---|---|
| <input type="checkbox"/> Alpha Innotech Micro Array Scanner | <input type="checkbox"/> Millipore Milli-Q Water System |
| <input type="checkbox"/> Alpha Innotech Gel Documentation System | <input type="checkbox"/> Consolidated Autoclave/Sterilizer |
| <input type="checkbox"/> BMG-Labline Multimode Plate Reader | <input type="checkbox"/> Nuaire CO ₂ Incubators (located on the Right) |
| <input type="checkbox"/> Stratagene Mx-3005P Real Time Q-PCR Machine | <input type="checkbox"/> Nuaire Biosafety Cabinet |
| <input type="checkbox"/> Nano-Drop ND-1000 UV/Vis or ND-3300 Fluor. | <input type="checkbox"/> Liquid Nitrogen Dewer |
| <input type="checkbox"/> AccuSpin 3R - Table-top Refrigerated Centrifuge | <input type="checkbox"/> -85°C Harris Ultra Low Freezer |
| <input type="checkbox"/> Sorvall RC-5B Refrigerated Superspeed Centrifuge | <input type="checkbox"/> -20°C Frosted Freezer |
| <input type="checkbox"/> Perkin-Elmer Scintillation Counter | <input type="checkbox"/> +4°C Cold Box |
| <input type="checkbox"/> Automated Slide Stainer | <input type="checkbox"/> Olympus Upright Microscope |
| <input type="checkbox"/> Shanon Cryotome (Frozen Sectioning) | <input type="checkbox"/> Olympus Inverted Microscope |
| <input type="checkbox"/> Shanon Microtome (Parafin or Plastic Sectioning) | <input type="checkbox"/> Olympus Dissecting Microscope |
| <input type="checkbox"/> UV/Vis Spectrophotometer – HP 8453 Diode Array | <input type="checkbox"/> NanoLog Spectrofluorometer |

I understand the PIs are wholly responsible for training their Users on all matters of equipment operation and clean up, protocols and good laboratory practices. All manuals are located next to the Instruments. If the PI or User does not feel comfortable utilizing the instrument, he/she should contact the Lab Manager and arrange for more formal training. Any new User should be supervised for the first 2 weeks by a trained User, before he/she is to use the instrument on their own.

Signature: _____

I understand that if the BMERCL Core Instrument that I am using malfunctions or breaks due to unforeseen problems, negligence or unlucky chance, the Principal Investigator (Mentor) will be responsible for the costs associated with repair to working order of the instrument in question. **Note: Most or all of the BMERCL Core Instruments are maintained under warranty or extended warranty status. Please check with the BMERCL Director, Dr. Dan Martinez if you have any questions.**

Failure to comply with the correct usage of an instrument or adherence to BMERCL regulations will be grounds for denied access to the instrument and the BMERCL

Please Sign and Date this form, as well as your **Principal Investigator**. Failure to comply will deny access to use of the instruments marked above.

Users Name: _____ **Date:** _____

P.I.'s Name: _____ **Date:** _____