Idaho State University Molecular Research Core Facility (MRCF)

Projected Research Use

Academic Year 2009-2010 and Summer 2010

This contract, to be renewed at the start of each academic year, allows MRCF staff to monitor and plan for equipment usage in the coming year. This document also seeks to help faculty/principal investigators maintain a record of laboratory students/associates and their certification on usage of MRCF equipment. Please fill out the form below and submit to Erin O'Leary-Jepsen in room 463 of the Gale Life Sciences Building, or e-mail to oleaerin@isu.edu.

Faculty/Instructor Name:

Students/Research Associates in your lab who will be using MRCF instrumentation:

Will you need to schedule MRCF personnel for any portion of these activities (*i.e.* tours, general explanations of facility function, etc.)? If so, explain. A new virtual tour video of the MRCF will be available by September 1, 2009.

Projected use: Please indicate below the instruments/services you will be using in the near future. List student/research associate initials next to each piece to be used and indicate intensity of total lab usage: **L** (< 1 run per month); **M** (up to 1 run per week); **H** (multiple runs/days per week)

	Fall 2009	**Spring and Summer 2010**
1. Applied Biosystems 3130XL Genetic Analyzer		
2. Matrix Hydra II Liquid Handling Robot		
3. MJ Research Dyad Thermalcycler (4-96 well bays)		
4. MJ Research Chromo4 Real-Time PCR System (96 well)		
5. Cepheid Smart Cycler II Real-Time PCR System		
6. Perkin-Elmer 9700 Thermalcycler		

7. Perkin-Elmer 2400 Thermalcycler		
8. Agilent Bioanalyzer		
9. NanoDrop ND-1000 Spectrophotometer		
10. Bio-Rad VersaDoc 3000 Imager - Fluorescence, Chemilumin-escence, Chemifluorescence, Densitometry, Gel Documentation		
11. Bio-Rad Personal FX Phosphorimager		
12. PC and Mac Computers for Data Analysis-Sequencher and GeneMapper Software Programs		
13. Packard Tri-Carb 2100 Liquid Scintillation Analyzer		
14. Packard Cobra 5002 Gamma Counter		
15. Bio-Tek Synergy HT Fluorescent Microplate Reader		
16. Perkin-Elmer LS-50B Fluorometer		
17. Promega Luminometer Model TD 20/20		
18. Sorvall Legend RT Refrigerated Microcentrifuge		
19. Jouan MR23i Refrigerated Microcentrifuge		
20. Jouan MR22i Refrigerated Microcentrifuge		
21. Vitron Tissue Slicer		
22. Bio-Rad Preparative Electrophoresis System		
23. Bio-Rad Gene Pulser II Electroporator		
24. Fisher Scientific Model 307A Low Temperature Incubators		
25. Barnstead Nanopure Water Purification System		
26. Wescor Model 5520 Vapor Pressure Osmometer		
27. New Brunswick Innova 4000 Benchtop Shaker		
28. Nu-Aire Clean Bench		
29. Synbiosis ProtoCOL HR Automated Colony Counting and Zone Sizing System		
30. Agilent Technologies 48-Slide Microarray Scanner, Hybridization Oven, and GeneSpring Software		
31. Fume Hood		
32. Leica DMRB Fluorescence Microscope with Imager		
33. Leica DMRA Microscope with Imaging System for Deconvolution		

(continued from 33) and 3-D Reconstruction		
34. Leica CM 3050 Cryostat		
35. Polysciences Vibratome 3000		

PLEASE ATTACH A LIST OF PUBLICATIONS, ABSTRACTS, AND GRANTS THAT INCLUDED USE OF MRCF EQUIPMENT/SERVICES OVER THE PAST ACADEMIC YEAR.

By signing below I agree to:

Include service charges and contributions to service equipment costs in the grants I write that will rely on MRCF equipment. See Erin O'Leary-Jepsen for assistance in developing budgets.

Acknowledge the MRCF and specific equipment grant numbers, when appropriate, in publications. For citation guidelines, see the Idaho INBRE website at http://www.sci.uidaho.edu/inbre/ and click on the "Citation Information" link.

Take responsibility for having reviewed the MRCF User Guidelines www.mrcf.isu.edu with each of the students and research associates working in my lab.

Contact MRCF if my research needs change from that indicated above.

Ensure that all institutional permits are in hand including: biosafety, IACUC, human subjects, radiation safety, Occupational Health and Safety certificate, and any other pertinent regulatory approvals.

Compliance Approvals Check Yes or No. (If yes, I certify that required approvals have already been obtained.)

Human Subjects Involved	( ) Yes	( ) No
Animals Involved	( ) Yes	( ) No
Hazardous Chemicals Involved	( ) Yes	( ) No
Radiation Involved	( ) Yes	( ) No
Recombinant DNA/RNA Molecules	( ) Yes	( ) No

Signature:_____**Date:**_____