

Core Facility Appendix 1.		
Animal Medicine	Animal	Per Diem Charge
	Cats	\$5.238 each
	Chickens	\$1.196 each
	Dogs <15 kg	\$9.366 each
	Dogs >15kg	\$16.609 each
	Ferret	\$2.430 each
	Fish	\$0.229/tank
	Frog	\$0.672/tank
	Guinea Pigs	\$0.595 each
	Hamsters	\$0.618/cage
	Invertebrates	\$3.25/tank
	Marmosets	\$7.00 each
	Monkeys	\$8.426 each
	Mouse	\$0.530/cage
	Rabbits	\$1.256 each
	Rats	\$1.027/cage
	Swine	\$9.675 each
	Toads	\$0.167 each
Contracted Accounts		
	Mice	\$1.73/cage
	Rats	\$3.39/cage
	Guinea Pigs	\$1.93/each
	Rabbits	\$1.01 each
	Shuttle Service	\$15/hr

Special Services		
	Medicated H2O	\$.75/cage
	BC Gowns	\$4.50 each
	Euthanasia (rodent)\$25/hr	
	ZebraFish Euthanasia	\$15/hr
Animal Order Fees		
	Order Entry Fee	\$10.00 order
	Quarantine Order Fee	\$10.00 order
	Late Notification Fee	\$100.00
	Modification Fee	\$10.00
	Transfer Fee	\$5.00
Surgery Fees		
Overhead Large Animal (swine,dog,rabbit)	Up to 2 hours	\$23 + \$10 per table
	2-4 hours	\$46 + \$10 per table
Overhead Rodents (rat,mice,hamster)	4-8 hours	\$46 for first 4 hrs then \$12/hr up to 8 hrs + 10 per table
	max charge over 8 hrs	\$114 + \$10 per table
Overhead Rodents (rat,mice,hamster)	Up to 2 hours	\$20 + \$10 per table
	2-4 hours	\$40 + \$10 per table
	4-8 hours	\$40
Anesthesia		
Isoflurane	minimum of 25ml	\$3.75
	25ml - 50ml	\$7.50
	50 ml - 75 ml	\$11.25
	75 ml - 100 ml	\$15.00
	bottle for lab use	\$15.00

OR Set-Up		
Surgeons & Assts.	Non-sterile: per person	\$5.00
	Sterile: per person	\$10.00
Animal Surgery Prep	Surgery prep per animal	\$5.00
Instrument Use	Surgery Pack (Non-Sterile)	\$15/pack
	Surgery Pack (Sterile)	\$30/pack
	Micor-surgical pack container	\$40/pack
	Autoclave Instruments	\$15.00
Charge per Use	Sterile drape	\$6.00
	Bovie/Cautery	\$27.00
	Bovie(handheld)	\$10.00
	Endotracheal tube (cuffed)	\$7.00
	Suction	\$8.00
	Stomach Tube	\$18.00
	Chest tube	\$18.00
	Stapler	\$8.00
	Scalpels	\$0.75
	Suture per pack	
	Silk Ties	\$3.00
	Silk w/Needle	\$4.00
	Dexon	\$3.50
	Ethilon	\$4.00
	Maxon	\$4.50
	Vicryl	\$5.00
	Monocryl	\$5.00
	Surgipro	\$2.00
	PDS	\$6.00
Labor	Technician Hourly Rate	\$25.00
	Veterinarian Hourly Rate	\$50.00

Weekend & Holiday will be time and half.
There will be a 2 hour minimum if a an employee is called back.

Medication Fees		
	Induction	TKX BAG Ketamine Ket/Xyl Glycopyrrolate Telazol Acepromazine Xylazine (20mg/ml) Xylazine (100mg/ml)
	Antibiotics	(includes drug & tech
	Euthanasia	Solution
	Analgesia	Buprenorphine Fentanyl Patch (50ug/hr) Fentanyl Patch (25ug/hr)
Controlled substances are used in the operating room but are not dispensed to P.I.		
Emergency Care		
	Dexamethasone	\$0.10/ml
	Solu Delta Cortef	\$2.80/ml
	Salix (furosemide)	\$0.25/ml
	Wound Repair Kit	\$5.00
	Supplies	\$5.00/session
	Labor is charged separately.	
Lab Testing		
	Diagnostic/Specialized Equipment	In-House
	I-Stat	Varies
	Heska-CBC)	\$16.00
	Abaxis (Serum Chemistry)	\$30.00
	Manual Differentials	\$13.00
	Prices may change if a different test cartridge is requested	
	Radiographs	Small (8x10)
		Medium (10X12)
		Large (11x14)
	Disposal Fee	Carcass (over 20-60kg)
		Carcass (over 60kg)

Prices are subject to change.

Prices, such as animal prep, are a flat rate whether or not all the items listed are used.

Prices will increase effective July 1, 2008

Advanced MRI Center		
	Internal UMMS	External/Corporate
Human MRI	\$500.00	\$1,000.00
Animal MRI	\$150.00	\$300.00

Bioinformatics Core			
	DERC	UMMS	External
Bioinformatics Consultant	\$40.00/hr	\$80.00/hr	120.00/hr
Microarray Database Use	\$4.00/hr	\$8/00/hr	\$12.00/hr

BSL-3 Core		
	Internal	External
Annual Registration	\$800 per year	\$1600 per year

Chemical Biology Screening Facility			
Current Screen Rate	\$10,00 per screen		
	SAFIRA Plate Reader	\$10/plate	
	Victor V Plate Reader	\$10/plate	
	REMP Sealer	\$1/plate	
	Genesis Work Station	\$50/hr	

Clinical Trials Unit		
	Nursing Fee	\$55/hr
	Room Fee	\$40/hr (NIH Exempt)
	Start-Up	\$750

Crystallography Core		
	Internal Customer	\$25K/year
	External Customer	\$400/day

Clinical and Translational Research Support Core					
Participant Characterization	Full Fees (per hour)	50%MRDDRC Users	60% UMMS Internal	75%Academic External	100% Corporate External
Level A	\$50.00	\$25.00	\$30.00	\$38.00	\$50.00
Level B	\$75.00	\$38.00	\$45.00	\$56.00	\$75.00
Level C	\$100.00	\$50.00	\$60.00	\$75.00	\$100.00
Level D	\$125.00	\$63.00	\$75.00	\$94.00	\$125.00
Level E	\$150.00	\$75.00	\$90.00	\$113.00	\$150.00
Level F	\$175.00	\$88.00	\$105.00	\$131.00	\$175.00
Level G	\$200.00	\$100.00	\$120.00	\$150.00	\$200.00
Recruitment Activities	(Per Participant)				
School-based	\$10.00	\$5.00	\$6.00	\$8.00	\$10.00
Community-based	\$20.00	\$10.00	\$12.00	\$15.00	\$20.00
IRB Interactions					
Flat Fee (1st Year)	\$500.00	\$250.00	\$300.00	\$375.00	\$500.00
2 Yrs & Beyond	\$250.00	\$125.00	\$150.00	\$188.00	\$250.00
Participant Compensation	\$20.00/hr	\$10/hr	\$12/hr	\$15/hr	\$20/hr
Digital Imaging Core Facility					
Service	Internal	Academic	External	Volume Discount	
Microscopy	\$25.00	\$35.00	\$50.00	\$20.00	
Confocal Micro	\$30.00	\$40.00	\$60.00		
Computer	\$20.00		\$40.00		
Training/Tech Assist	\$40.00		\$80.00		
CD-ROM	\$0.62		\$0.62		
DVD	\$1.75		\$1.75		
DNA Sequencing Core Facility					
Sequencing Reaction	\$9/Internal Rate	\$10/External Rate (academic & commercial)			

Electron Microscopy Core

USER	Customer Drives	EM Tech Drives	Tech Time Prep & Consult
Roger Craig - CM120*	0	\$32.00	\$25.00
DERC	\$7.00	\$32.00	\$25.00
Cell Biology*	\$7.00	\$52.00	\$45.00
Other UMMS	\$25.00	\$70.00	\$45.00
Academic	\$65.00	\$150.00	\$85.00
External	\$110.00	\$235.00	\$125.00

*Note: Each pays service contract of \$10K

Flow Cytometry Core Facility

USER	FACS Analyzer	FACS Analyzer w/o Operator	Cell Sorting w/Operator	Training	BSL3	Confocal
Internal	\$29.00	\$46.00	\$66.00	\$42.00	\$150.00	\$25.00
CFAR	\$29.00	\$46.00	\$66.00	\$42.00	\$125.00	\$25.00
DERC/EBV Program	\$20.00	\$33.00	\$49.00	\$42.00	\$150.00	\$25.00
External Academic	N/A	\$60.00	\$75.00	\$50.00	\$200.00	
External Academic	N/A	\$126.00	\$126.00	\$126.00	\$250.00	

Fly Kitchen

	Internal	Outside Academic
Narrow Vials (with food)	\$19.50	See Director
Wide Vials (with food)	\$24.00	See Director
Bottles (with food)	\$16.00	See Director
Narrow Vials (food only)	\$11.50	See Director
Bottles (food only)	\$8.50	See Director
Narrow Vials (Empty)	\$7.25	See Director
Wide Vials (Empty)	\$11.80	See Director
Bottles (Empty)	\$6.50	See Director
Trays	\$1.00	See Director

Genomics Core Facility					
Rate Per Hour	UMass Worcester	DERC/MRDDRC	External Academic	External Biotech	
Purchase Test Chip(optional)	\$100.00	\$100.00	\$100.00	\$100.00	
cDNA synthesis and CRNA IV	\$250.00	\$150.00	\$300.00	\$400.00	
Hybridization, wash and scan	\$160.00	\$32.00	\$192.00	\$240.00	
Fragmentation	\$15.00	\$3.00	\$18.00	\$25.00	

Human Embryonic Stem Cell Core Facility					
No rates for FY '08-09 - funded by outside funds					

IVIS Animal Imaging Core					
\$250/month for unlimited access					

Machine Shop	UMMS	UMMHC	External	
	\$50/unit	\$70/unit	\$90/unit	

Proteomics and Mass Spectrometry					
Service	UMMS Users	MRDDRC Users	Academic	Commerical Users	
Director's Services	\$59/hr	\$30	\$78/hr	\$120/hr	
Technician	\$37/hr	\$19	\$48/hr	\$62/hr	
Mass Spectrometry	\$149/hr	\$75	\$193/hr	\$253/hr	
Unassisted Operation	\$73/hr	\$36	\$94/hr	\$130/hr	
Gel Band Protein ID	\$312	\$156	\$515	\$629	
Direct Maldi-Tof-MS	\$28	\$15	\$52	\$76	
Computer Searching	\$5/hr	\$3	\$7/hr	\$10/hr	

ILET-MRI (Magnet Resonance Imaging)					
Internal	\$175/hr				
External	\$225-250/hr				
Discounted rates are available for high volume studies, independent investigators and/or use of magnet during non-prime hours.					

Morphology Core (DERC - Diabetes and Endocrinology Research Center)

Service	DERC	Non-DERC
Conventional Histogology	\$4.00	\$8.00
Special Stains	\$5.00	\$9.00
Paraffin Unstained	\$3.50	\$4.00
Embedding Only	\$1.00/block	\$1.50/block
Cryotomy	\$0.50	\$1.50
Immunohistochemistry	\$5.00	\$9.00
Autoradiography	\$5.00	\$9.00

Academic Rate add 20% over Non-DERC

New England Center for Stroke Research

Internal UMMS	\$986.00
External/Corporate	\$1,800.00

Platelet Function Lab

Umass Cardiovascular: Baringhaus lab work billed at \$3120 per patient (est 3 patients)
 Lilly-laboratory training billed at \$5200 per contract
 Lilly analysis billed at \$10 per tracing est of 200
 Brigham & Women's: Malhotra per sample x 3 agonists x 2 assays for 16 (est) subjects
 University of Copenhagen: \$9 per sample x 850 - \$7650, \$60

Proteomics Fractionation Core

Service	UMMS Price	Non-Profit Price	Industry
Single Gel	\$600.00		
Triplicate Gel	\$825.00	\$1,200.00	\$1,800.00

shRNA Core Library

Service	UMMS Only
Clone	\$50.00
Non-Silencing Option	\$50.00
Umass Med Delivery	\$5.00

DNA Prep Service	\$20.00
Library Screening	\$4,000.00
Other UMass Delivery	\$10.00

Small Animal Imaging Core
 No charge for internal investigators.

Tissue Bank

Fresh Tissue Sample Collecti	\$20.00
Frozen Tissue Sample	\$40.00
Frozen Section (H&E)	\$10.00
Frozen Section, Unstained	\$5.00
Paraffin Block	\$1,500.00
H&E Paraffin Section	\$8.00
Unstained Paraffin Section	\$6.00
Review of Slides (per hour)	\$115.00
Chart Review (per hour)	\$30.00

Tissue Culture Supply Center (contact facility for details)

Tissue Culture Facility/Media Center

Service	DERC	Non-DERC	Outside UMass
Routine Cell Line Maintenance	\$70/month	\$140/month	\$220/month
Programmed Cryopreservation of cell line	\$40/10 vials	\$80/10 vials	\$100/10 vials
Cell storage in liquid nitrogen			
1-50 vials	\$5/month	\$10/month	
51-100 vials	\$7.50/month	\$15/month	
101-150 vials	\$10/month	\$20/month	
151-200 vials	\$12.50/month	\$25/month	
Mycoplasma Test	\$30.00	\$60.00	\$70.00
2 samples	\$20.00	\$40.00	\$60.00
3 samples	\$15.00	\$30.00	\$50.00
4 samples	\$12.50	\$25.00	\$40.00

Other services	\$20/hr	\$40/hr	\$70/hr
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Transgenic Animal Modeling Services
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Transgenic Services (per construct)		Price
Pronuclear injection mouse C57B1/6 inbred strain		\$5,700
Pronuclear injection mouse FVB inbred strain		\$4,000
Pronuclear injection mouse specified inbred strain		please inquire
Pronuclear injection mouse B6xSJL hybrid strain		\$3,500
Lentiviral injection mouse C57B1/6 inbred strain		\$2,400
Lentiviral injection mouse specified inbred strain		please inquire
Pronuclear injection rat SD outbred strain		\$2,000
Pronuclear injection rat specified inbred strain		please inquire
Lentiviral injection rat SD outbred strain		\$2,000
Lentiviral injection rat specified inbred strain		please inquire

Gene Targeting Services (per construct)
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ES cell clone isolation per electroporation		\$2,500
Transduction of Cre into ES cell clone		\$400
Allele jumping in ES cells (per clone)		\$500

Chimeric Mouse Production (per ES clone)

Injection into mouse C57B1/6 blastocysts		\$4,000
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Cryopreservation Services (per line)

Embryo vitrification		\$1,610
Regeneration of cryopreserved line		\$300
Sperm cryopreservation		\$300

Other Services (Please note service fees do no include the cost of quarantine.)
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Strain rederivation (embryo transfer per line)		\$1,000
Breeding of mice to assess germline transmission (per mouse)		\$150
Backcross standard (per generation)		\$150
Backcross embryo transfer (per generation)		\$1,000
<i>In Vitro</i> fertilization (hybrid strain)		\$1,250

Veterinary Pathology Core

Consultation Session	\$40/ 45 minute
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\$11/ml
\$3/ml
\$1/ml
\$2/ml
\$0.50/ml
\$10/ml
\$0.50/ml
\$1.00/ml
\$0.50/ml
\$7.00/dose
\$0.50/ml
\$6.00ml
)\$45.00/patch
\$25.00/patch

Outsource
Varies
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\$8/each
\$10/each
\$12/each
\$25
\$50

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