

[COM-ADMINS] lab equipment

From: "Campbell, Sandy" <campbsm@ENT.UFL.EDU>
To: COM-ADMINS-L@LISTS.UFL.EDU
Date: 2006/02/10 10:25
Subject: [COM-ADMINS] lab equipment
Attachments: startup for PCR UFla.xls, Mime.822

We are in the process of recruiting a new ENT doc that will have dedicated research time. A list of her equipment needs is attached. I would really appreciate if you have any of the items on this list that you are no longer using and are willing to donate or loan. Thanks for taking the time to help.

Sandy
<>

Sandy Campbell
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392-4461

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Scheduled date	2006-02-10 10:25:08
Creation date	2006-02-10 10:25:08
Modified date	2012-03-23 11:59:16
Delivered date	2006-02-10 10:36:18
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Published	2012/3/23-10:43:46

Mail Attachment
startup for PCR UFla.xls

items that would need to be purchased within the first year (includes supply costs/year and staff costs)

Computer equipment

Dell XPS 600 x 1	Pentium 4 Processor 670 w/HT tech (3.8GHz, 800 FSB) & MS	3728	would need 1 of these co
Surge protector x 1		37	
Dell 1100 Laser Printer		153	would need within first y
Dell Toner cartridges (black)	2200	130	
Supplies (Paper, CDs, disks, USB sticks)		500	
Image J	NIH	0	
<u>Adobe CS2</u>		<u>599</u>	
		\$5,147	

General lab equipment

Steril -GARD III horizontal flow hood	Baker	EG-4252	4,056.00	would need within first
Steril-GARD III vertical flow hood	Baker	SG-403A	6,764.00	
Cell culture incubator(bacteria)	VWR	35823-102	1,525.00	
Innova Cell culture incubator(neurons)	New Brunsw	CO-48	4,500.00	
CO2 gas tanks			?	
Table top centrifuge			3,950.00	
Galaxy 16 microcentrifuge	VWR	15120-104	1,790.25	would need within first y
mini-microcentrifuge	VWR	37000-930	368.28	
Vortex			227	
Platform shaker			1,720.00	
microcell cuvette, UV Silica, 10mm Pathler	VWR	BK523270	240.88	
-20 Freezer		Lab Research Products MFR-2020	1391.00	would need within first y
Refrigerator/freezer (6 cu ft) (cell culture supplies)	Sears		700	
Sliding door dairy case (gels/protein isolation/exps)	Master-Built		2500	
Dry ice chest			255	
pH meter, Corning 445		13-641-1141	1185	
maintenance guide		13-641-306	155	

Tris-capable electrode	13-620-183		145.5	
pH paper		M95833	64.25	
Denver top loading balance	XL-610	Fisher 01-913-316	1050	
Vortex mixers		12-812 x2	552	would need within first y
Pipetman (Gilson adjustable				
P1000, P200, P100, P20,P10; 3 sets)			2735.1	
Pipet-aid, Drummond		13-681-19 x2	510	
		13-681-15e	280	
Pipette pumps		13-683c, d (2 ea)	72.1	
Bulb fillers		13-681-51 x 4	84.4	
Disposable pipettes	1 ml, 5 ml, 10 ml, 25 ml, 2ea		734.18	would need within first y
Transfer pipettes	13-711-7		32.8	
Pasteur pipettes	22-230-482, 22-230-490		141.33	
		11 500		
Stir/hot plate		49SH (x3)	579.48	
Microwave oven		Sears	400	
Bath sonicator	US-1	Fisher 15-400-5	450	
Circulating water bath	1006S	Fisher 13-873-106A	1904.73	
Shaking water bath	N.Brunswick R76	Fisher 14-280-15	3120.9	
Platform		14-280-22	359.47	
Table cover		14-280-37	519.12	
Tool box			500	
Bottle top dispensors		13-706-4 x2	915.58	
polyethylene ladel		14-242-5	42.6	
Parafilm		13-374-12	350	would need within first y
Service carts		11-926-75	126.03	
Bunsen burners	03-917, x3		69.45	
Flint gas lighter	12-007, x3		6.54	
Ice buckets (6)			30	
Thermometers	14-683-10b x6		58.8	
Dry bath incubators	11-718 x3		446	
Blocks	11-718-9 x3		194.7	
Tape dispenser	11-865-4		27.9	
Tape	11-550-5, mixed colors		27.6	
Lab ladders/step stool	11-930-3 x2		407.68	
Misc. forceps			100	

Buffers	Sigma/Fluka	5000
Salts	Sigma/Fluka	10000
<u>Detergents</u>	<u>Fluka</u>	<u>2000</u>
		\$53,155

Glassware, plasticware, dishwashing

Pyrex Beakers	50 ml	02-540c, 12 pack	45.22	would need within first year
		250 ml 02-540k, 12 packx4	113.28	
		600 ml 02-540m, 6 packx6	127.44	
		1000 ml 02-540t, 6	55.39	
		2000 ml 02-540r, 4x2	106.72	
		4000 ml 02-540t, 6	236.1	
Pyrex flasks		125ml 10-040d x12	46.01	
	250ml	10-040f x12	47.81	
	500ml	10-040h x36	131.76	
	1L	10-040k x24	143.28	
	2L	10-040m x32	444.48	
	4L	10-040p x4	165.52	
Nalgene Beakers	600 ml	02-591-10f, 4	27.67	
		1000 ml 02-591-10g, 3	26.1	
Nalgene Bottles, opaque 02-925-3c, 12			23	
		02-924-22, 12	44.88	
Fisher Bottles		03-084d, 12	23.9	
Kimble Media Bottles	125 ml	06-421-7, 48	127.4	
	500 ml	06-421-8, 24x2	249.4	
	1L	06-421-00, 12x2	158.6	
Graduated cylinders	100 ml	08-572d x12	145.85	
		250 ml 08-572e x12	197.35	
	1L	08-572g x8	171.3	
	2L	08-572h x4	178	
500 ml wash bottles		03-409-23h, 6x2	44.6	
Assorted bottle cleaning brushes, e.g. 03-608			150	
JA-10 bottles		05-564-2 4*6	379.2	
Glass centrifuge tubes		misc	150	
Other tubes			400	

Eppendorf tubes	05-402-24b	30.5
	05-402-24a	20.5
Siliconized tubes	02-681-320	359.2
###	4224	634
15 ml Falcon conicals	14-959-49d 500x2	303.32
50 ml Falcon conicals	14-432-24 500x2	466.92
Dounce homogenizers	08-414-14a	107.16
	08-414-14c	146.06
Labware drying racks	05-718-40 x2	363
Spatulas, spoons	14-375-10	37.59
	14-375-56	16.35
	14-373	108.67
	14-365d	147
Sponges	06-668-30	93.5
Stainless baskets	14-799-1, misc	123.18
Tube racks	05-541, 4-pack	127.57
	14-809-22	104.5
	14-809-24	104.5
	14-793-11	413.5
	14-792-14	81.9
Water carboys	02-963-2b, x4	401
		\$8,350

Protein chemistry

Molecular weight markers		89	would need within first y
Acrylamide solutions		150	
Loading dye	BP634-5 x2	88.3	
Biorad protein assays	500-0002	51	
	511-0111	105	
Ready Gel, Biorad	165-3156	610	
Biorad	165-3125	350	
Multicasting chamber	165-2950	185	
	Separation sheets 165-2956	20	
Glass plates, combs, spacers		690	
Gel casting chamber	165-2025	425	would need within first y
Separation sheets	165-1958	60	

Glass plates, combs, spacers			1850	
Transblot			730	
Blotting membrane 162-0177, 162-0184	162-0177	162-0184	420	
Gradient maker	165-2000		385	
	165-2001		400	
Amicon Cell concentrators (200ml, 50ml)	Millipore		1080	would need within first y
Membrane (10kDa cutoff)			1000	
Centricons	4202 x24		85	
	165		85	
	4209		85	
	4225		85	
Slidealyzer cassettes	Pierce		284	
Autoradiography cassettes, 5x7 (2), 8x10 VWR	87003-278, IB8209140		375.3	
Kodak Biomax Light Film 5 x 7 (x2 packs) VWR	IB8689358		257.8	128.9 apiece
Kodak Biomax Light Film 8 x 10 VWR	IB1788207		179.03	
<u>Miscellaneous tubing</u>			<u>200</u>	
			\$9,945	

Protein purification

Gravity columns (glass, plastic)			200	
centrifuge tubes, buckets, adaptors			1000	
<u>Beads (Ni, GST, Q/S-Sepharose, hydroxyapatite)</u>	<u>Pharmacia</u>		<u>2000</u>	
			\$1,200	

Molecular biology

Polaroid film (if MP4+ camera) 04-441-59, 10 pk			661.35	
Brass loops, needles	13-093, 13-095a		183.77	would need within first y
Molecular weight standards	PR-G5711		360	
Loading dye	BP633-5		45.65	
Petri dishes	08-757-12, 500		93.6	
Kits, libraries, competent cells			5000	
Restriction enzymes			2000	
syringes 10cc				
Sterilizing filters (0.2 mm)	07-200-370 x50		98	
Cell culture media			2000	
<u>Oligonucleotide synthesis, DNA sequencing</u>			<u>3000</u>	

\$13,442

Safety

sharps disposal box			would need within first y
Benchtop work shield	17-987-140a	132	
safety glasses	19-034-238	46.85	
face shield	18-999-4542	32.04	
dust mask	18-999-3262	156	
first aid kit	17-987-97b	43.92	
mop, mop bucket		40	
Autoclave tape		200	
Biohazard bags		150	
<u>Latex gloves</u>	<u>11-394-4A, B, C</u>	<u>381</u>	
		\$1,182	

Microscopy

Computer for video capture			listed above
Labtek dissecting microscope		1349	would need within first y
Labtek Auxillary lens 0.5x		80	
Dolan-Jenner Gooseneck Illumination System		425	
Zeiss microscope		68,730	
software for microscope		1,750	
<u>camera & apotome</u>		<u>27,017</u>	
		\$99,351	

General Supplies

Chemicals(per year)		20,000.00	would need within first y
Mice housing(10 cages mice @ .77/day)per year		2,772.00	
<u>Rat housing (2 rats@0.97/day) per year</u>		<u>708.10</u>	
		\$22,772	

Staff(per year)

Senior Technician Salary (RA 2 or 3) x 3 years		50,000	would need 1/3 of this in
		\$50,000	

Total	\$264,544
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mputers within 1st year, 2nd within 2 eyars

ear

year

ear

ear

ear

ear

ear

ear

ear

ear

ear

92 for 5 x 7

ear

ear

ear

ear

first year, etc

items that would need to be purchased within the first 2--3 years but could be borrowed until then
(includes yearly supply costs and staff support)

Computer equipment

Dell XPS 600 x 1	Pentium 4 Processor 670 w/HT tech (3.8GHz, 800 FSB) & MS	2810.5
Surge protector x 1		37
		\$2,848

General lab equipment

Table top centrifuge		<u>3,950.00</u>
		\$3,950

Molecular biology

DNA electrophoresis(10X28)		450
	(11X11)	230
	(14X16)	270
Electrophoresis power source		2,000.00
UV transilluminator	11-992-139	695
PCR machine: Applied Biosystems	2720	4395
Petri dishes	08-757-12, 500	93.6
Kits, libraries, competent cells		1000
Sterilizing filters (0.2 mm)	07-200-370 x50	98
Cell culture media		2000
<u>Oligonucleotide synthesis, DNA sequencing</u>		<u>1500</u>
		\$12,732

Microscopy

service contract for microscope and computer software		?
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General Supplies

Chemicals(per year)		20,000.00
Mice housing(10 cages mice @ .77/day)per year		2,772.00
<u>Rat housing (2 rats@0.97/day) per year</u>		<u>708.10</u>
		\$22,772

Staff(per year)

Senior Technician Salary (RA 2 or 3) x 3 years		50,000
<u>Student lab assistant</u>		<u>13,600</u>
		\$63,600

Total \$105,901

would need 1 of these computers within 1st year, 2nd within 2 eyars

would need within first year or 2, might be able to borrow for a while

could borrow year 1, would likely need to purchase within 3 years

would need $\frac{1}{3}$ of this in first year, etc
would need in 2nd year

items that could be borrowed longer term if freely available

General lab equipment

Beckman UV/Spectrophotometer	VWR	BK517940	6,765.00
Microcell Holder for 50 µL Microcell	VWR	BK517946	240.88
Analytical balance, 0.0001g	AT261	Fisher 01-910-9	6775
			\$13,781

Glassware, plasticware, dishwashing

Millipore Milli-Q Synthesis System		ZMQS6VF01	9,269.92
Bacteria Filter x 2	labwater.com	FF0502	179
0.22 Micron Capsule Filter 1/4" mpt x 3/8" barb with sterile filling bell			-
			\$9,449

Protein chemistry

Protein II xi 2-D cell	165-1934	1305
Additional 1-D cell	165-1812	945
Power Pac 1000, Biorad 165-5054		995
Power Pac 200, Biorad 165-5052		695
Rocker,(05 450 34 (2 @ 395.12 ea)	Fisher	790.24
Stacking tray 05 450 32 (2 @ 57.80 ea)	Fisher	115.6
Light box	Hoefer	200
<u>Miscellaneous tubing</u>		<u>200</u>
		\$5,046

Protein purification

Peristaltic Pump (for gravity columns)	ISCO	550
Fraction collector (for gravity columns)	ISCO	1800
UV detector (for gravity columns)	ISCO	1868
Chart recorder	Fisher	1000
Frame set	14-666-100	895.02
Clamp stands, clamps, misc		<u>500</u>
		\$6,613

Total \$34,889

could borrow if easily available; otherwise would need to buy within first year

if this is available could borrow, however, ultimately need steady access to this filtration system with filtering surface
89.5/apiece

could borrow for years 1--3 possibly

could borrow for years 1--3 possibly

would need within first 3 years, but could be borrowed prior in years 1--2

fficient for tissue culture

Mail Attachment
Mime.822

Return-path: <owner-com-admins-l@LISTS.UFL.EDU>
Received: from smtp.itc.health.ufl.edu [159.178.78.147]
by GWIA.ITC.HEALTH.UFL.EDU; Fri, 10 Feb 2006 10:35:37 -0500
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Fri, 10 Feb 2006 10:35:29 -0500
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Fri, 10 Feb 2006 10:35:14 -0500
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Date: Fri, 10 Feb 2006 10:25:08 -0500
Reply-To: "Campbell, Sandy" <campbsm@ENT.UFL.EDU>
Sender: "COM Dept. Administrators" <COM-ADMINs-L@LISTS.UFL.EDU>
From: "Campbell, Sandy" <campbsm@ENT.UFL.EDU>
Subject: [COM-ADMINs] lab equipment
To: COM-ADMINs-L@LISTS.UFL.EDU
Precedence: list
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X-ITCenter-MailScanner-Information: Please contact the IT Center
(<http://www.health.ufl.edu/itcenter/>) with any questions you may have about the handling of this email.

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[illegible]

