

Research Equipment Costing more than \$100k

Biological Sciences

No	Model/Type or Description of Equipment (several lines of brief information)	School/Centre/Lab (where eqmt is located)		Name and Contact No. of Staff-in-charge of Equipment		Cost (S\$ approx)	Date of Commissioning of Equipment	Where usage is to be charged, please provide rate of charging (e.g. \$/hr or \$/day)	Funding Source
		Name of Lab (e.g. ECE/Clean Room)	Room No. (e.g. E5-07-13)	Name of Staff	Contact No.				
1	WORKBOAT, 10.68 METRE COUGAR 35	REPUBLIC OF S'PORE YACHT CLUB	Berth no. J22	OW PING YU	2703	225,000.00	01.12.1993	\$500/day	NUS
2	DNA SEQUENCER, ABI PRISM 377	DNA sequencing lab.	S1A 06-06	SANJAY	7933	173,500.00	16.07.1997	\$6/sample (user operate equipment).	NUS
3	ABI Prism 3100 Genetic Analyzer (2 units)	DNA sequencing lab.	S1A 06-06	SANJAY/LIEW CHYE FONG	7933	230,000/unit	01.05.2002	user operates equipment and pays for consumables and maintenance cost, price to check with staff in-charge	NUS
4	PROTEIN CHIP READER, CIPHERGEN	PPC	S3-03-01	CHEW FOOK TIM	1685	222,845.00	26.07.2001	Users to pay \$285/chip.	External
5	PROTEIN CHIP READER, CIPHERGEN	CRC	04-05	CHEW FOOK TIM	1685	222,845.00	26.07.2001	Users to pay \$285/chip.	External
6	LIQUID HANDLING ROBOTIC WORKSTATION, GILSON WITH COMPUTER SYSTEM	CRC	04-05	CHEW FOOK TIM	1685	173,349.00	12.12.2001	pricing varies - to check/negotiate with BFIG lab (6874 4945)	External
7	AKTA EXPLORER SYSTEM	CRC	04-05	CHEW FOOK TIM	1685	122,055.00	10.09.2001	pricing varies - to check/negotiate with BFIG lab (6874 4945)	External
8	PROTEOMEWORKS SPOT CUTTER, BIORAD	PPC	S3-03	Shashi / Say Tin	7769/4594	151,123.30	29.06.2001	No charge; user pays for consumables.	NUS
9	MASSPREP STATION	PPC	S3-03	Shashi / Say Tin	7769/4594	194,482.54	29.06.2001	No charge; user pays for consumables.	NUS
10	PIONEER PEPTIDE SYNTHESIZER	PPC	S3 03-10	Shashi / Say Tin	7769/4594	120,838.18	15.08.2001	User pays for consumables and maintenance costs	NUS
11	PROCISE PROTEIN SEQUENCER	PPC	S3-03-09	Shashi / Say Tin	7769/4594	165,000	1.02.1997	\$30/residue; higher for non-academic	External
12	API 360 Triple Quadrupole Mass Spectrometer	PPC	S3-03-03	Shashi / Say Tin	7769/4594	340,000	15.10.1997	\$20/hour; higher for non-academic	External
13	Voyager STR MalDI-ToF Mass Spectrometer	PPC	S3-03-06	Shashi / Say Tin	7769/4594	410,000	1.11.1997	\$15/ sample; higher for non-academic	External
14	Q-ToF 2 Mass Spectrometer	PPC	S3-03-05	Shashi / Say Tin	7769/4594	860,000	15.07.2000	\$25-100/sample; higher for non-academic	NUS
15	ABI 4700 MALDI-ToF-ToF Mass Spectrometer	PPC	S3-03-05	Shashi / Say Tin	7769/4594	1,320,000	10.01.2004	\$30/sample; higher for non-academic	NUS
16	X-ray generator - Rigaku HU-R3 / Imageplate Detector - Rigaku Raxis IV	X-ray facility	S2 basement	PL CHONG/K. Swaminathan/ J. Sivaraman	6321/ 7932/ 7932	600,000.00	12-Jul-03	Not applicable	NUS
17	SCANNING ELECTRON MICROSCOPE, JEOL JSM-T220A	EM Lab	S2 basement	PL CHONG	6321	220,290.00	01.05.1988	NUS staff \$20/h; non-NUS \$100/h.	NUS
18	TEM, PHILIPS CM10	EM Lab	S2 basement	PL CHONG	6321	340,000.00	01.11.1990	As above.	NUS
19	TEM, JEOL JEM 2010F	EM Lab	S2 basement	MDM LOY	2718	1,000,000.00	17.05.2004	NUS staff \$50/h; Non-NUS \$200/h	NUS
20	TEM, JEOL JEM 3010 HRTEM	EM lab	S2 Basement	Liu Binghai	2699	1,200,000.00	17.5.2004	Nus staff \$50/h; Non NUS \$200/h	NUS
21	Laser Confocal Microscope	EM Lab	S2 Basement	Hew Choy Leong	c/o 2718	1,000,000?	Single-photon March 2005 / Multi-photon in future	Pending	NUS
22	SGI Origin 300 Computational Server	SBL	S3-04-07	Mok Yu Keung	2967	160,000	15.12.2002	No charge, limited to SBPG members	NUS
23	Origin Isothermal Titration Calorimeter	SBL	S3-04-07	Mok Yu Keung	2967	162,360	15.12.2002	No charge, limited to SBPG members	NUS
24	Jasco J-810 Spectropolarimeter	SBL	S3-04-07	Mok Yu Keung	2967	139,700	15.1.2003	No charge, SBPG user pays N2 consumed	NUS
25	Sorvall Ultra Centrifuge Pro80	SBL	S3-04-07	Mok Yu Keung	2967	149,725	10.3.2003	No charge, limited to SBPG members	NUS
26	Bruker 800 MHz NMR	CMAC	S8-01-10	Yang Daiwen	1041	4,200,000	15.8.2003	Limited to SBPG, S\$ 8/hour	NUS
27	Bruker 500MHz cryoprobe	CMAC	S8-01-10	Yang Daiwen	1041	500,000	31.3.2002	Limited to SBPG, S\$ 5/hour	NUS
28	Biacore 3000	PPC	S3-03	Mok Yu Keung	2967	480,000	4.4.2005	No charge, SBPG user pays for consumables	NUS

SBPG= Structure Biology and Proteomics Group