

MIB Equipment Inventory

2014 -2015

Janet England

Please ensure you request the permission of the owner and receive appropriate training before you use any item of equipment. If you are unsure who to contact, identify any inaccuracies or omissions in this report, please contact the report author: Janet England, janet.england@manchester.ac.uk or (T) 0161 306 2584. This inventory is a 'snap shot' in time and changes will be updated periodically.

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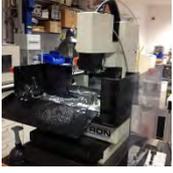
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Lower Ground Laboratories

Details

Equipment 1	
Description	ultrasonic welder (welds plastic)
Location	LG.023
Make	Branson
Model	2000 aed
Serial No	0509117
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 1</p>	
Equipment 2	
Description	laser cutter (CO2 laser)
Location	LG.023
Make	HPC LASER
Model	Laser script LS 3040
Serial No	Y 1203080107
Approx cost (if known)	£3k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 2</p>	

MIB Equipment Inventory

Equipment 3	
Description	milling machine (CNC computer controlled)
Location	LG.023
Make	Datron
Model	CAT 3D M6
Serial No	M60698
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 3</p>	
Equipment 4	
Description	milling machine (CNC computer controlled)
Location	LG.023
Make	DATRON
Model	milling machine (CNC computer controlled)
Serial No	60279
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 4</p>	
Equipment 5	
Description	milling machine (CNC computer controlled)
Location	LG.023

MIB Equipment Inventory

Make	DATRON
Model	DATRON
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 5</p>	
Equipment 6	
Description	Injection Molder (vertical)
Location	LG0.23
Make	Rondol
Model	High force HV
Serial No	C2581
Approx cost (if known)	£30k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 6</p>	
Equipment 7	
Description	Injection Molder
Location	LG.023
Make	Babyplast
Model	6/10
Serial No	0134 (2002)

MIB Equipment Inventory

Approx cost (if known)	£15k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 7</p>	
Equipment 8	
Description	Injection Molder
Location	LG.023
Make	Babyplast
Model	6/6
Serial No	770/(1997)
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 8</p>	
Equipment 9	
Description	compounder (plastic)
Location	LG.023
Make	Rondol
Model	Lab Twin
Serial No	C2579
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	N Goddard
Photograph	



Appendix 9

Equipment 10

Description	Robot (dispensing)
Location	LG.023
Make	I&J Finsnar
Model	J&J 2200
Serial No	
Approx cost (if known)	£12k
Assigned to - (Member of Staff)	N Goddard

Photograph



Appendix 10

Equipment 11

Description	Press (bench drill press)
Location	LG.023
Make	NUTool
Model	DP 20
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard

Photograph



MIB Equipment Inventory

Appendix 11	
Equipment 12	
Description	solder oven with printer
Location	LG.023
Make	LPKF
Model	ProtoFlow & Zelprint
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 12</p>	
Equipment 13	
Description	Grinder (for metal)
Location	LG.023
Make	water cooled sharpener
Model	water cooled sharpener
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 13</p>	
Equipment 14	
Description	Press (cable terminations)

MIB Equipment Inventory

Location	LG.023
Make	Thomas & Betts Corp
Model	779-3200
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 14</p>	
Equipment 15	
Description	Furnace (temps to 1200 degrees C)
Location	LG.023
Make	Carbolite
Model	CWF 1200
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 15</p>	
Equipment 16	
Description	E Beam (metal deposition)
Location	LG.024
Make	Edwards
Model	EB 3 and Auto 500

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 16</p>	
Equipment 17	
Description	Nano scribe (photon polymerisation)
Location	LG.024
Make	Nano scribe
Model	photonics professional
Serial No	
Approx cost (if known)	£350k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 17</p>	
Equipment 18	
Description	Etcher (deep ion etcher)
Location	LG.024
Make	plasma therm
Model	system vii batch top
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	N Goddard

Photograph	
 <p>Appendix 18</p>	
Equipment 19	
Description	Photolithography
Location	LG.024
Make	Intelligent Mico Patterning
Model	SF100
Serial No	
Approx cost (if known)	£120k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 19</p>	
Equipment 20	
Description	Microscope (optical inspection)
Location	LG.024
Make	Nikon
Model	SMZ -2T
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	



Appendix 20

Equipment 21

Description	Oven UV (UV Light source)
Location	LG.024
Make	Dymax
Model	2000-EC
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	N Goddard

Photograph



Appendix 21

Equipment 22

Description	Spin coater
Location	LG.024
Make	Chemat technology
Model	KW-4A
Serial No	
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	N Goddard

Photograph



MIB Equipment Inventory

Appendix 22	
Equipment 23	
Description	Water still (ultra pure)
Location	LG.024
Make	Maxima
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 23</p>	
Equipment 24	
Description	Microscope (optical)
Location	LG.024
Make	Zeiss
Model	priomstar
Serial No	3125000171
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 24</p>	
Equipment 25	
Description	Mass Spec GC TOF

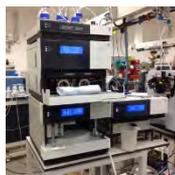
MIB Equipment Inventory

Location	LG.034
Make	LECO MASS spec with Agilent GC Oven
Model	PEGASUS III TOF with Agilent 6890 N
Serial No	
Approx cost (if known)	£85k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 25</p>	
Equipment 26	
Description	Mass Spec GC GC TOF with auto sampler
Location	LG.034
Make	LECO MASS spec with Agilent GC Oven
Model	PEGASUS III 4D TOF with Agilent 6890 N
Serial No	
Approx cost (if known)	£250K
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 26</p>	
Equipment 27	
Description	Mass Spec Maldi TOF/TOF
Location	LG.034
Make	Bruker
Model	Uktraflex

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£ 100k
Assigned to - (Member of Staff)	P Barran
Photograph	
 <p>Appendix 27</p>	
Equipment 28	
Description	Mass Spec UPLC
Location	LG.046
Make	Thermo
Model	ACCELA HPLC , LTQ Orbitrap. Mass spec
Serial No	
Approx cost (if known)	£ 350k
Assigned to - (Member of Staff)	R. Goodacre
Photograph	
 <p>Appendix 28</p>	
Equipment 29	
Description	Nano UPLC
Location	LG.046
Make	Waters
Model	Acquity
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	P Barran

Photograph	
 <p>Appendix 29</p>	
Equipment 30	
Description	Mass Spec Triple Quad with injection robot
Location	LG.046
Make	Thermo mass spec, Leap robot
Model	TSQ Vantage, leap injection robot
Serial No	
Approx cost (if known)	£ 150k
Assigned to - (Member of Staff)	P Barran
Photograph	
 <p>Appendix 30</p>	
Equipment 31	
Description	Nano HPLC with VWD (variable wavelength detector) and Nano ESI (electrospray ionisation interface)
Location	LG.046
Make	Dionex
Model	Ultimate 3000 RSLCnano system
Serial No	
Approx cost (if known)	£50k
Assigned to - (Member of Staff)	P Barran
Photograph	



Appendix 31

Equipment 32

Description	Mass Spec Ion Trap with ETD (electron transfer dissociation).
Location	LG.046
Make	Bruker
Model	amaZon ETD
Serial No	
Approx cost (if known)	£80k
Assigned to - (Member of Staff)	P. Barran

Photograph



Appendix 32

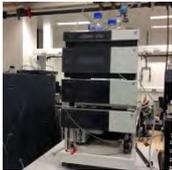
Equipment 33

Description	UPLC
Location	LG.046
Make	Waters
Model	Acquity
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	P. Barran

Photograph



MIB Equipment Inventory

Appendix 33	
Equipment 34	
Description	Nano HPLC
Location	LG.046
Make	Dionex
Model	Ultimate 3000
Serial No	
Approx cost (if known)	£30k
Assigned to - (Member of Staff)	P. Barran
Photograph	
 <p>Appendix 34</p>	
Equipment 35	
Description	Mass Spec Orbitrap
Location	LG.046
Make	Thermo
Model	LTQ Orbitrap XL
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P.Barran
Photograph	
 <p>Appendix 35</p>	
Equipment 36	
Description	Robot Nanomate ESI (electro spray ionisation)

MIB Equipment Inventory

Location	LG.046
Make	Advion
Model	Triversa Nanomate
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	P. Barran
Photograph	
 <p>Appendix 36</p>	
Equipment 37	
Description	Robot Nanomate ESI (electro spray ionisation with LESA (liquid extraction surface analysis))
Location	LG.046
Make	Advion
Model	Triversa Nanomate with LESA
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	P.Barran
Photograph	
 <p>Appendix 37</p>	
Equipment 38	
Description	Mass Spec TWIMS TOF (travelling wave ion mobility time of flight) with ESI source unit
Location	LG.046
Make	Waters

MIB Equipment Inventory

Model	Synapt G2
Serial No	
Approx cost (if known)	£250k mass spec plus £15k source unit
Assigned to - (Member of Staff)	P Barran
Photograph	
 <p>Appendix 38</p>	
Equipment 39	
Description	Nano ESI source unit
Location	LG.046
Make	Waters
Model	Nano lock spray source (nESI)
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	P Barran
Photograph	
 <p>Appendix 39</p>	
Equipment 40	
Description	Mass Spec TOF with high mass upgrade (MS Vision)
Location	LG.046
Make	Waters / MS Vision
Model	Q- TOF ULTIMA with high mass upgrade
Serial No	
Approx cost (if known)	£70k

MIB Equipment Inventory

Assigned to - (Member of Staff)	P. Barran
Photograph	
 <p>Appendix 40</p>	
Equipment 41	
Description	Mass Spec drift time ion mobility
Location	LG.046
Make	Manchester home made with Waters
Model	Variable temperature ion mobility QTOF
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P Barran
Photograph	
 <p>Appendix 41</p>	
Equipment 42	
Description	Mass Spec Drift time ion mobility
Location	LG.046
Make	Manchester home made with Waters
Model	J 2 Variable temperature ion mobility QTOF
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P. Barran
Photograph	



Appendix 42

Equipment 43

Description	Pipette Puller (pulls capillaries into various sizes of tip)
Location	LG.046a
Make	SUTTER INSTRUMENTS Co
Model	Flaming/Brown model P-97
Serial No	
Approx cost (if known)	£7k
Assigned to - (Member of Staff)	P. Barran

Photograph



Appendix 43

Equipment 44

Description	Pipette Puller with laser (pulls capillaries into various sizes of tips)
Location	LG.046a
Make	SUTTER INSTRUMENTS Co
Model	P-2000
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	P. Barran

Photograph

MIB Equipment Inventory



Appendix 44

Equipment 45

Description	X ray generator (BRUKER Microstar) and cryo prob (Oxford Cryosystems). In house generator for collection of single crystal diffraction data. CCD based.
Location	LG.027
Make	Bruker
Model	Mico star x 8 Proteum
Serial No	26-03
Approx cost (if known)	£280k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility

Photograph



Appendix 45

Equipment 46

Description	X ray generator (Rigaku) and Cryo head. In house generator for collection of single crystal diffraction data. Image plate based system.
Location	LG.027
Make	Rigaku
Model	R-Axis IV
Serial No	
Approx cost (if known)	£250k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility

Photograph



Appendix 46

Equipment 47

Description	TG 40 Microplate Temperature Screening. For crystallogensis.
Location	LG.028
Make	CENTEO
Model	TG40
Serial No	CBM1010055 CBM1010057
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility

Photograph



Appendix 47

Equipment 48

Description	Art Robbins Cryoscam. Single SBS plate imaging for crystal screening.
Location	LG.028
Make	Art Robbins Instruments
Model	Crystal Cam
Serial No	
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility

Photograph



MIB Equipment Inventory

Appendix 48	
Equipment 49	
Description	Microscope - Nikon CDSD230 binocular with side arm camera (cool pix)
Location	LG.028
Make	Nikon
Model	SMZ1000 C-DSD230
Serial No	1012106
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 49</p>	
Equipment 50	
Description	Microscope - Nikon CDSD230 binocular
Location	LG.028
Make	NIKON
Model	SMZ1000
Serial No	1012101
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 50</p>	
Equipment 51	
Description	Incubator - cooled

MIB Equipment Inventory

Location	LG.028
Make	LMS
Model	LMS
Serial No	6288/99M
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 51</p>	
Equipment 52	
Description	Incubator -cooled
Location	LG.028
Make	LMS
Model	LMS
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 52</p>	
Equipment 53	
Description	Microscope - Nikon binocular with digital camera
Location	LG.028
Make	NIKON
Model	SMZ1000 C-DSD230

MIB Equipment Inventory

Serial No	2012104
Approx cost (if known)	
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 53</p>	
Equipment 54	
Description	Robot - Nanolitre Liquid handling robotics platform for crystallogenesis.
Location	LG.028
Make	Art Robbins Instruments
Model	Phoenix
Serial No	0011
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 54</p>	
Equipment 55	
Description	Glove Box (Anaerobic Crystallogenesis and Cryo Freezing)
Location	LG.028
Make	BELLE TECHNOLOGY
Model	Custom built
Serial No	
Approx cost (if known)	£80k

MIB Equipment Inventory

Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 55</p>	
Equipment 56	
Description	Mosquito XTAL. Nanolitre pipette platform for crystallogenesis.
Location	LG.028
Make	TTP LABTECH
Model	MOSQUITO XTAL
Serial No	0809
Approx cost (if known)	£60k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
 <p>Appendix 56</p>	
Equipment 57	
Description	Mosquito LCP. Nanolitre pipetting platform for crystallogenesis trials plus side arm lipidic cubic phase for membrane protein screening.
Location	LG.028
Make	ttp labtech
Model	MOSQUITO LCP
Serial No	LCP-407
Approx cost (if known)	£80k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility

MIB Equipment Inventory

Photograph	
	
Appendix 57	
Equipment 58	
Description	Microscope
Location	LG.028 Cold room
Make	NIKON
Model	SMZ1000
Serial No	3012550
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
	
Appendix 58	
Equipment 59	
Description	Lathe
Location	LG.026
Make	Myford
Model	Super 7
Serial No	
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	Workshop D Charlesworth
Photograph	



Appendix 59

Equipment 60

Description	Drill - pillar drill
Location	LG.026
Make	Startrite
Model	
Serial No	
Approx cost (if known)	£3k
Assigned to - (Member of Staff)	Workshop D Charlesworth

Photograph



Appendix 60

Equipment 61

Description	Saw- band saw
Location	LG.026
Make	Powerline
Model	
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	Workshop D Charlesworth

Photograph



MIB Equipment Inventory

Appendix 61	
Equipment 62	
Description	Grinder - bench grinder
Location	LG.026
Make	Wolf
Model	
Serial No	
Approx cost (if known)	£750
Assigned to - (Member of Staff)	Workshop D Charlesworth
Photograph	
	
Appendix 62	
Equipment 63	
Description	Press - arbor press, small bearing press (non powered)
Location	LG.026
Make	Jones & Shipman
Model	Arbor press
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	Workshop D Charlesworth
Photograph	
	
Appendix 63	
Equipment 64	
Description	Notcher - corner notcher (non powered pedal operated)

MIB Equipment Inventory

Location	LG.026
Make	Edwards
Model	
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	Workshop D Charlesworth
Photograph	
 <p>Appendix 64</p>	
Equipment 65	
Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U570 HEF
Serial No	1029-0106-1110
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 65</p>	
Equipment 66	
Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U570

MIB Equipment Inventory

Serial No	1015-0231-0610
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 66</p>	
Equipment 67	
Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U570
Serial No	1015-0232-0610
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 67</p>	
Equipment 68	
Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U535
Serial No	1005-4192-0707
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	MCISB D. Kell

Photograph	
 <p>Appendix 68</p>	
Equipment 69	
Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U535
Serial No	1005-4186-0707
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	MCISB D. Kell
Photograph	
 <p>Appendix 69</p>	
Equipment 70	
Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U535
Serial No	1005-4209-0707
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	R Goodacre
Photograph	



Appendix 70

Equipment 71

Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U535
Serial No	1005-5088-0708
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 71

Equipment 72

Description	Freezer -80
Location	LG.020
Make	New Brunswick
Model	U410 HEF
Serial No	1019-0839-1112
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	sLoLa N Turner

Photograph



MIB Equipment Inventory

Appendix 72	
Equipment 73	
Description	Freezer -80
Location	LG.020
Make	RS Biotech
Model	Eclipse 600
Serial No	1013-0119-0507
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 73</p>	
Equipment 74	
Description	Centrifuge
Location	LG.019
Make	Beckman Coulter
Model	Avanti J-26 XP
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 74</p>	
Equipment 75	
Description	Incubator - shakers x9

MIB Equipment Inventory

Location	LG.019
Make	INFORS HT
Model	Unitron & Multitron
Serial No	
Approx cost (if known)	£8k each (x9)
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 75</p>	
Equipment 76	
Description	Incubator - shaker x2
Location	LG.019
Make	New Brunswick
Model	C25KC
Serial No	
Approx cost (if known)	£6k each (x2)
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 76</p>	
Equipment 77	
Description	Oven
Location	LG.019
Make	LEEC
Model	

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 77</p>	
Equipment 78	
Description	Spectrophotometer (UV Vis)
Location	LG.019
Make	Jenway
Model	6300
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 78</p>	
Equipment 79	
Description	Rotor
Location	LG.019
Make	Beckman Coulter
Model	JLA -8.1
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph	
 <p>Appendix 79</p>	
Equipment 80	
Description	Spectrophotometer 4DX. Single crystal micro spectrophotometer.
Location	LG.027
Make	Uppsala
Model	4DX
Serial No	
Approx cost (if known)	£60k
Assigned to - (Member of Staff)	X Ray Protein Crystallography Facility
Photograph	
Equipment 81	
Description	Spectrometer NMR 800 with Cryo-probe
Location	LG.030
Make	BRUKER
Model	Ascend 800
Serial No	GH 001811
Approx cost (if known)	£1 M
Assigned to - (Member of Staff)	NMR Facility
Photograph	
 <p>Appendix 81</p>	
Equipment 82	
Description	Spectrometer NMR 600 with Cryo-probe

MIB Equipment Inventory

Location	LG.030
Make	BRUKER
Model	600 Ultrashield
Serial No	GH 001911
Approx cost (if known)	£500K
Assigned to - (Member of Staff)	NMR Facility
Photograph	
 <p>Appendix 82</p>	
Equipment 83	
Description	Spectrometer NMR 500 with Cryoprobe
Location	LG.030
Make	BRUKER
Model	500 UltraShield
Serial No	GH 002011
Approx cost (if known)	£500K
Assigned to - (Member of Staff)	NMR Facility
Photograph	
 <p>Appendix 83</p>	
Equipment 84	
Description	Spectrometer NMR 400
Location	LG.030
Make	BRUKER
Model	400 UltraShield

MIB Equipment Inventory

Serial No	GH 9751
Approx cost (if known)	£300k
Assigned to - (Member of Staff)	NMR Facility
Photograph	
 <p>Appendix 84</p>	
Equipment 85	
Description	Spectrometer EPR
Location	LG.035
Make	BRUKER
Model	ELEXSYS E580
Serial No	
Approx cost (if known)	£500K
Assigned to - (Member of Staff)	EPR Facility
Photograph	
 <p>Appendix 85</p>	
Equipment 86	
Description	Glove Box (Anaerobic Projects)
Location	LG.035
Make	BELLE TECHNOLOGY
Model	Custom made
Serial No	
Approx cost (if known)	£60K
Assigned to - (Member of Staff)	EPR Facility

Photograph	
 <p>Appendix 86</p>	
Equipment 87	
Description	Water bath (large circulating for cooled water)
Location	LG.035
Make	HETO
Model	CBN 28-90
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	X-Ray Protein Crystallography
Photograph	
 <p>Appendix 87</p>	
Equipment 88	
Description	Cryofree for EPR (helium free operation)
Location	LG.035
Make	BRUKER
Model	ER 4118 HV - CF100
Serial No	
Approx cost (if known)	£58k
Assigned to - (Member of Staff)	EPR Facility
Photograph	



Appendix 88

Equipment 89

Description	Spectrophotometer Cary 60 (UV-Vis)
Location	LG0.35
Make	Agilent Technologies
Model	Cary 60
Serial No	
Approx cost (if known)	£8K
Assigned to - (Member of Staff)	EPR Facility

Photograph



Appendix 89

Equipment 90

Description	Spectrometer. Secondary Ion Mass Spectrometry (SIMS)
Location	LG.036
Make	University of Manchester Built
Model	University of Manchester Built
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N. Lockyer

Photograph



MIB Equipment Inventory

Appendix 90	
Equipment 91	
Description	Spectrometer. Secondary Ion Mass Spectrometry (SIMS)
Location	LG.036
Make	
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N. Lockyer
Photograph	
 <p>Appendix 91</p>	
Equipment 92	
Description	Dry Winner.
Location	LG.036
Make	HETO
Model	Dry Winner
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N. Lockyer
Photograph	
 <p>Appendix 92</p>	
Equipment 93	
Description	Lasers x4

MIB Equipment Inventory

Location	LG.036
Make	Spectron Laser Systems
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N. Lockyer
Photograph	
 <p>Appendix 93</p>	
Equipment 94	
Description	Microscope Optical
Location	LG.036
Make	NIKON
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N. Lockyer
Photograph	
 <p>Appendix 94</p>	
Equipment 95	
Description	Balance (to 4 place)
Location	LG0.36
Make	KERN
Model	770

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	N. Lockyer
Photograph	
 <p>Appendix 95</p>	
Equipment 96	
Description	Liquid Nitrogen Vessel - pressurised
Location	LG.038
Make	Taylor-Wharton
Model	XL-240
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 96</p>	
Equipment 97	
Description	Liquid Nitrogen Vessel - pressurised
Location	LG.038
Make	Taylor-Wharton
Model	XL-240
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Core

Photograph



Appendix 97

Equipment 98

Description	Liquid Nitrogen Vessel - pressurised
Location	LG.038
Make	MVE Inc USA
Model	
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Core

Photograph



Appendix 98

Equipment 99

Description	Liquid Nitrogen Vessel - pressurised
Location	LG.038
Make	MVE Inc USA
Model	
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Core

Photograph



Appendix 99

Equipment 100

Description	Liquid Nitrogen Vessel - storage x7
Location	LG.038
Make	Taylor-Wharton, Statebourne
Model	
Serial No	
Approx cost (if known)	£ 3k each x7
Assigned to - (Member of Staff)	Several Groups

Photograph



Appendix 100

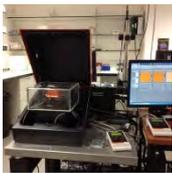
Equipment 101

Description	Liquid Nitrogen storage Vessel
Location	LG.038
Make	Statebourne
Model	Biorack 6000
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	Core

Photograph



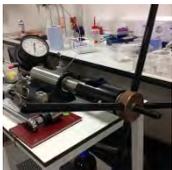
MIB Equipment Inventory

Appendix 101	
Equipment 103	
Description	Microscope - AFM (atomic force microscope) fixed for small area imaging
Location	LG.043
Make	Multimode
Model	Pico
Serial No	
Approx cost (if known)	£130k
Assigned to - (Member of Staff)	Bionanotech Facility S Marsden
Photograph	
 <p>Appendix 103</p>	
Equipment 104	
Description	Microscope - AFM (atomic force microscope) 5 axis stage allowing tilt allows for lithography and imaging
Location	LG.043
Make	Nanosurf
Model	C3000
Serial No	
Approx cost (if known)	£250K
Assigned to - (Member of Staff)	Bionanotech Facility S Marsden
Photograph	
 <p>Appendix 104</p>	
Equipment 105	

MIB Equipment Inventory

Description	Raman Laser Tweezers & microscope - spectroscopy with physical manipulation of single cells
Location	LG.044
Make	Tweezers Manchester Built, microscope NIKON
Model	Microscope - eclipse TE 300
Serial No	
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	Bionanotech Facility S Marsden
Photograph	
 <p>Appendix 105</p>	
Equipment 106	
Description	Microscope - optical inverted phase
Location	LG.044
Make	Leitz
Model	Labovert FS
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	unknown
Photograph	
 <p>Appendix 106</p>	
Equipment 107	
Description	Spectrometer - FTS
Location	LG.043

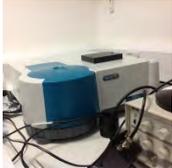
MIB Equipment Inventory

Make	Bio Rad
Model	FTS 6000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P Gardener
Photograph	
 <p>Appendix 107</p>	
Equipment 108	
Description	High Pressure Cell- for spectroscopy measurements.
Location	LG.045
Make	HiP
Model	
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 108</p>	
Equipment 109	
Description	Laser flash Photolysis
Location	LG.045a
Make	Quantel
Model	
Serial No	

MIB Equipment Inventory

Approx cost (if known)	£120k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
	
Appendix 109	
Equipment 110	
Description	Laser flash Photolysis
Location	LG.045a
Make	Continuum
Model	
Serial No	
Approx cost (if known)	£150k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
	
Appendix 110	
Equipment 111	
Description	Spectrophotometer
Location	LG.045c
Make	Agilent
Model	Cary 50
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	

MIB Equipment Inventory

 <p>Appendix 111</p>	
Equipment 112	
Description	Liquid Nitrogen Cryostat (pump and vessel)
Location	LG.045c
Make	Oxford Instruments
Model	Opstistat DN
Serial No	
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 112</p>	
Equipment 113	
Description	Spectroscopy Raman Microscope with AFM (atomic force microscope)
Location	LG.045b
Make	Renishaw
Model	inVia
Serial No	
Approx cost (if known)	£500k
Assigned to - (Member of Staff)	R Goodacre
Photograph	

MIB Equipment Inventory



Appendix 113

Equipment 114

Description	Spectroscopy Raman Microscope
Location	LG.045b
Make	Renishaw
Model	inVia
Serial No	
Approx cost (if known)	£500k
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 114

Equipment 115

Description	Spectroscopy FTIR (Fourier transform infrared) with microscope hydperion 3000
Location	LG.045d
Make	BRUKER
Model	Equinox 55
Serial No	
Approx cost (if known)	£50k
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 115

Equipment 116

Description	Autoclave - sterilisation
Location	LG.004
Make	BMM Weston
Model	V7521
Serial No	DH12933
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	Core

Photograph



Appendix 116

Equipment 117

Description	Autoclave - sterilisation
Location	LG.004
Make	BMM Weston
Model	
Serial No	13943
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	Core

Photograph



MIB Equipment Inventory

Appendix 117	
Equipment 118	
Description	Autoclave - sterilisation
Location	LG.004
Make	Prioclave
Model	
Serial No	
Approx cost (if known)	£50k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 118</p>	
Equipment 119	
Description	Oven - drying cabinet
Location	LG.004
Make	
Model	
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 119</p>	
Equipment 120	
Description	Oven x2

MIB Equipment Inventory

Location	LG.004
Make	
Model	
Serial No	
Approx cost (if known)	£500 each (x2)
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 120</p>	
Equipment 121	
Description	Dishwasher - industrial
Location	LG.004
Make	Miele
Model	G 7825
Serial No	
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 121</p>	
Equipment 122	
Description	Dishwasher - industrial
Location	LG.004
Make	Lancer
Model	

MIB Equipment Inventory

Serial No	1G110874
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 122</p>	
Equipment 123	
Description	Biological Safety Cabinet
Location	LG.042
Make	
Model	MacAire
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	T Brown
Photograph	
 <p>Appendix 123</p>	
Equipment 124	
Description	Biological Safety Cabinet
Location	LG.041
Make	MacAire
Model	
Serial No	
Approx cost (if known)	6k
Assigned to - (Member of Staff)	T Brown

Photograph



Appendix 124

Equipment 125

Description	PCR Cabinet
Location	LG.037
Make	Erlab
Model	Captair Bio
Serial No	
Approx cost (if known)	£3k
Assigned to - (Member of Staff)	T Brown

Photograph

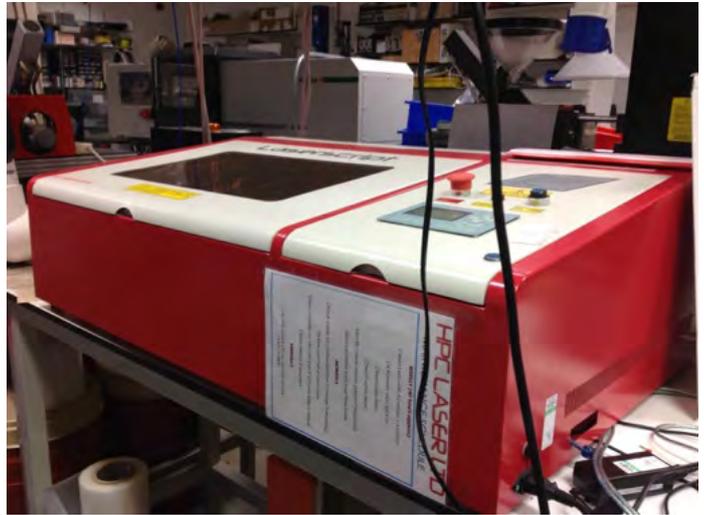


Appendix 125

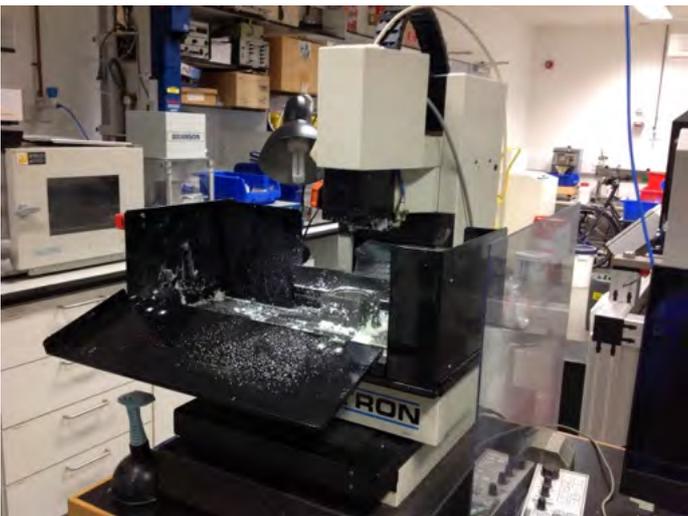
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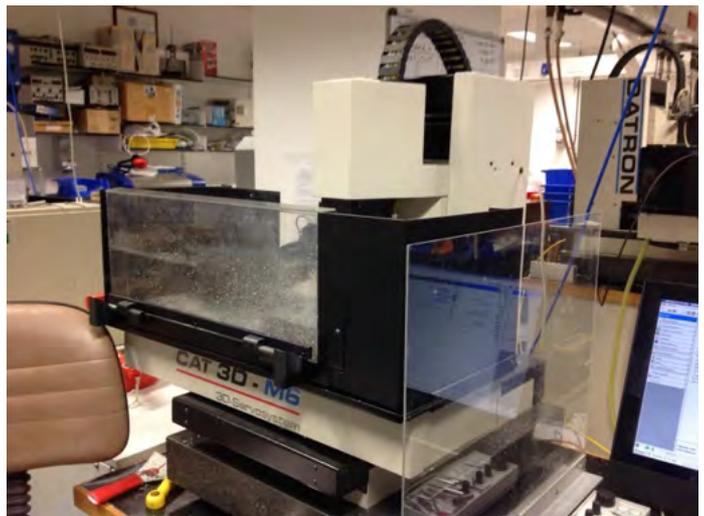
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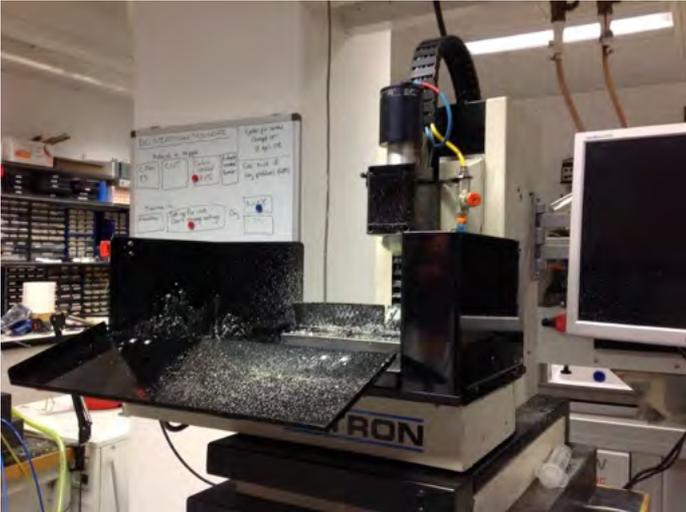
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Appendix 3



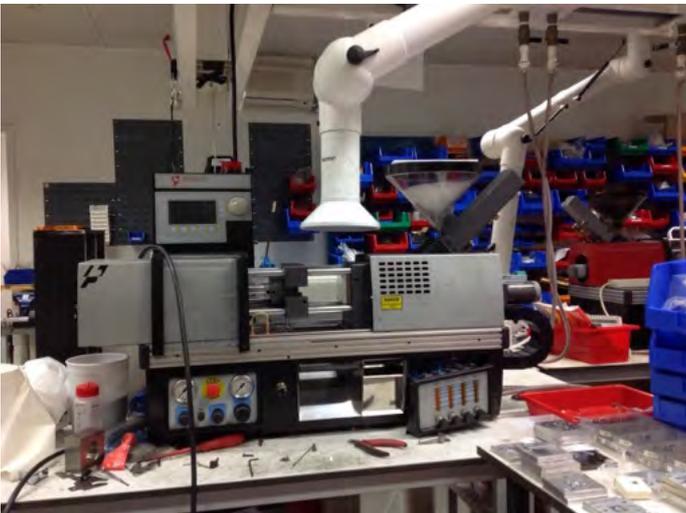
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Appendix 5



Appendix 6



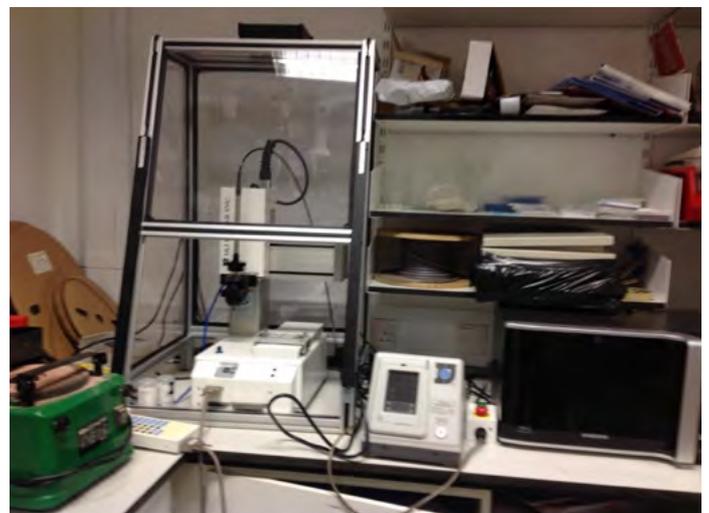
Appendix 7



Appendix 8



Appendix 9



Appendix 10



Appendix 11



Appendix 12



Appendix 13



Appendix 14



Appendix 15



Appendix 16



Appendix 17



Appendix 18



Appendix 19



Appendix 20



Appendix 21



Appendix 22



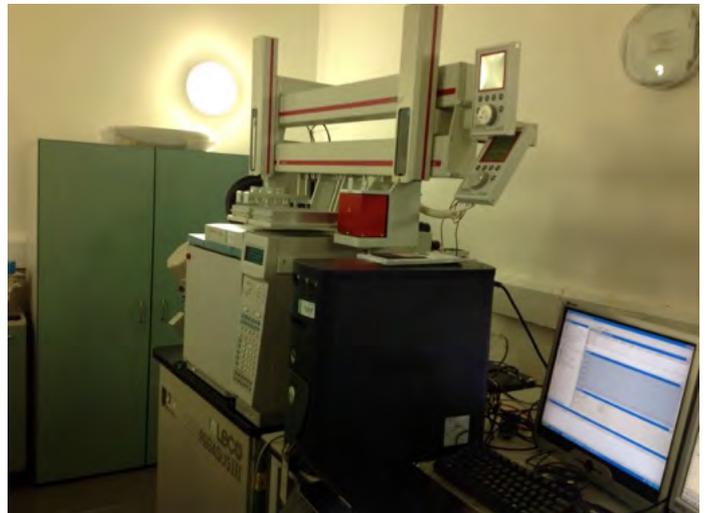
Appendix 23



Appendix 24



Appendix 25



Appendix 26



Appendix 27



Appendix 28



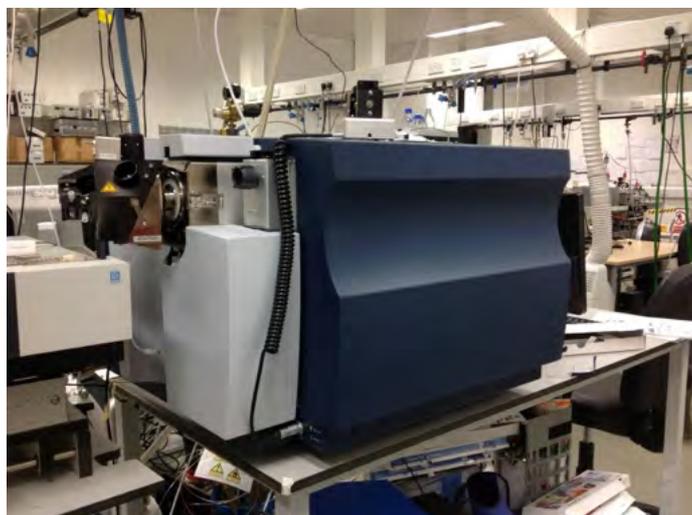
Appendix 29



Appendix 30



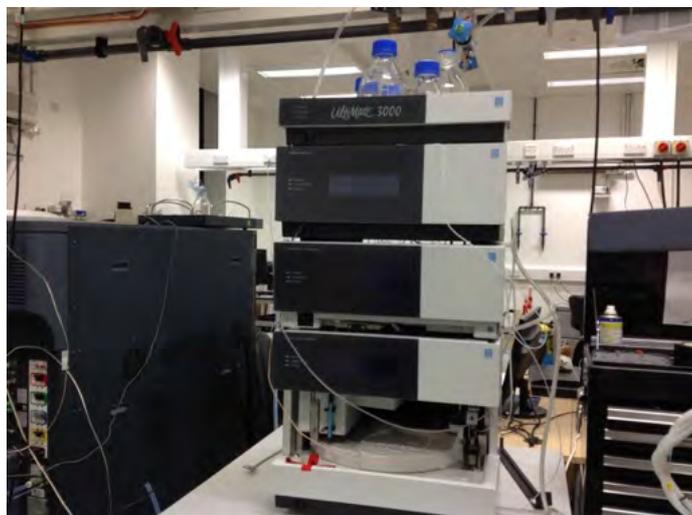
Appendix 31



Appendix 32



Appendix 33



Appendix 34



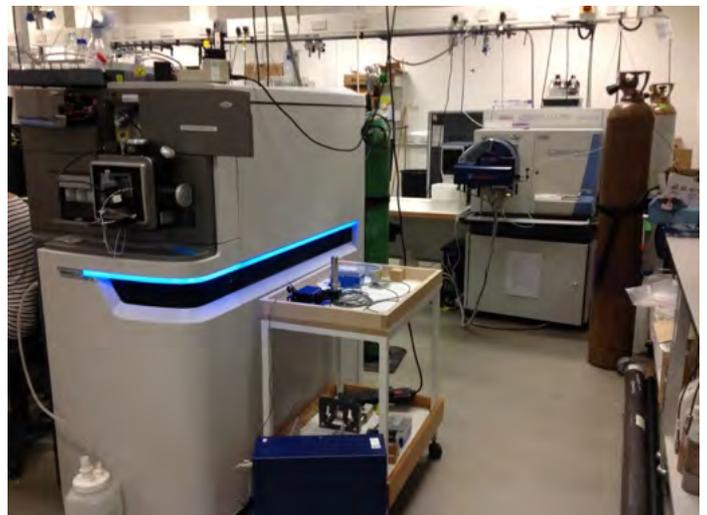
Appendix 35



Appendix 36



Appendix 37



Appendix 38



Appendix 39



Appendix 40



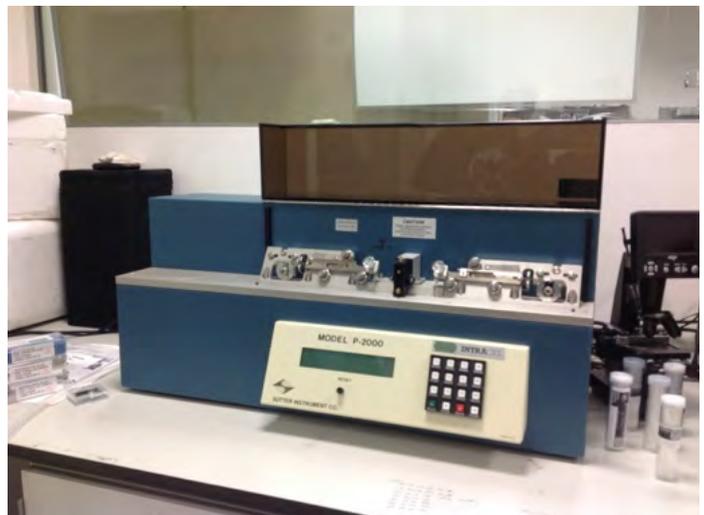
Appendix 41



Appendix 42



Appendix 43



Appendix 44



Appendix 45



Appendix 46

MIB Equipment Inventory



Appendix 47



Appendix 48



Appendix 49



Appendix 50



Appendix 51



Appendix 52



Appendix 53



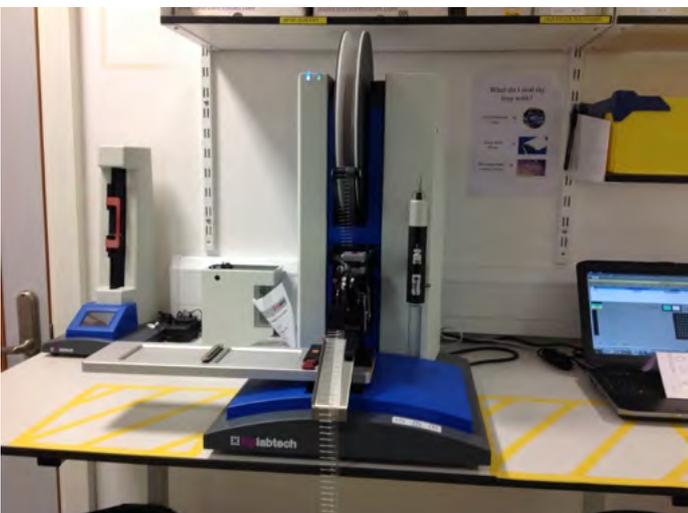
Appendix 54



Appendix 55



Appendix 56



Appendix 57



Appendix 58



Appendix 59



Appendix 60



Appendix 61



Appendix 62



Appendix 63



Appendix 64



Appendix 65



Appendix 66



Appendix 67



Appendix 68



Appendix 69



Appendix 70



Appendix 71



Appendix 72



Appendix 73



Appendix 74



Appendix 75



Appendix 76



Appendix 77



Appendix 78



Appendix 79



Appendix 81



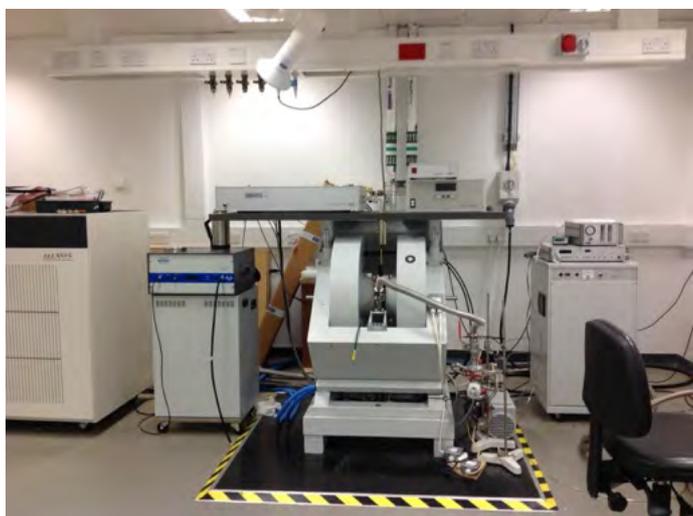
Appendix 82



Appendix 83



Appendix 84



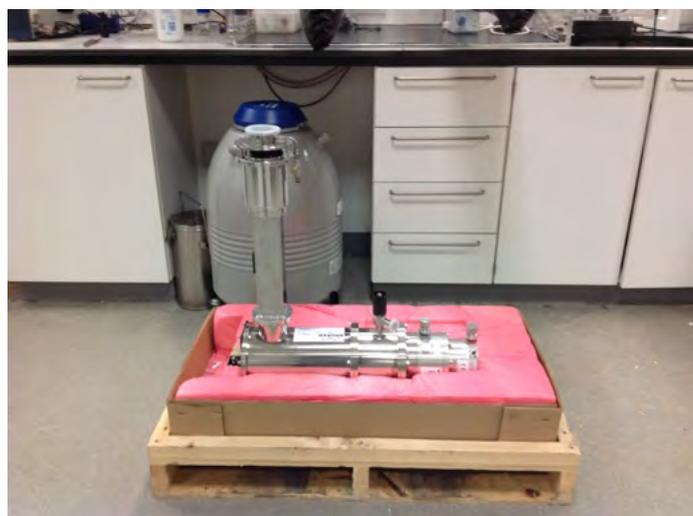
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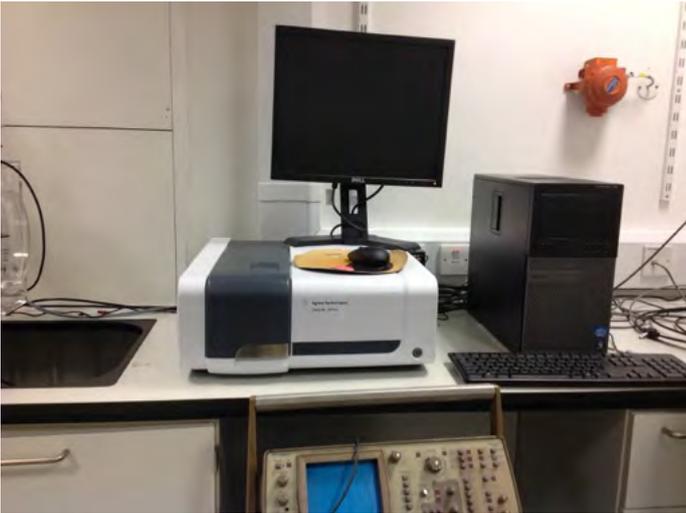
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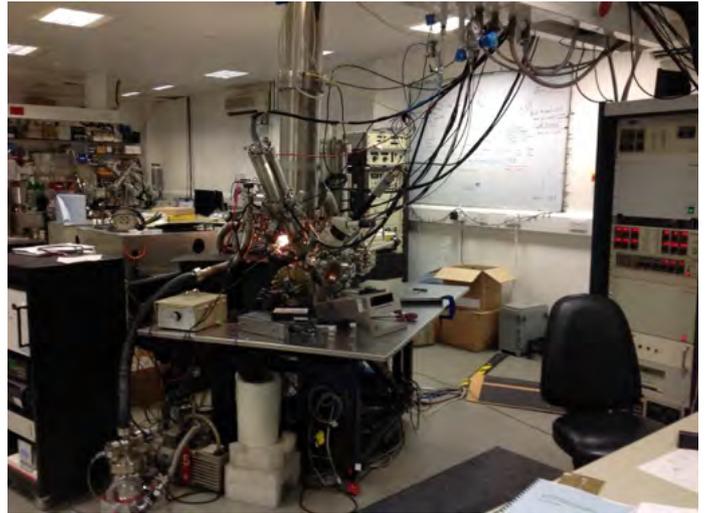
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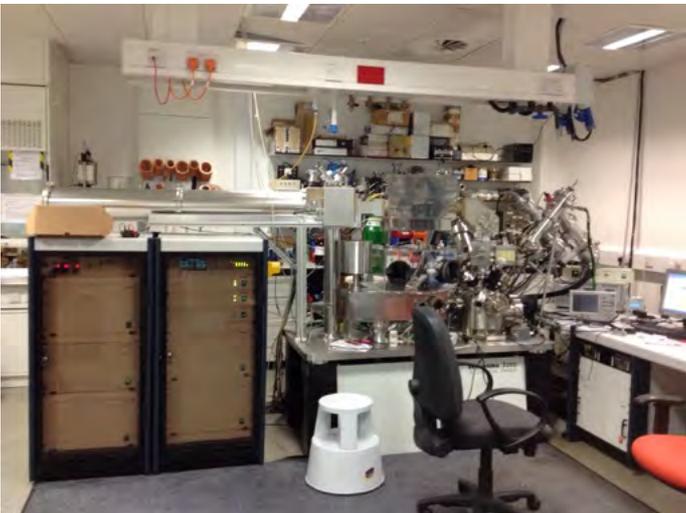
Appendix 88



Appendix 89



Appendix 90



Appendix 91



Appendix 92



Appendix 93



Appendix 94



Appendix 95



Appendix 96



Appendix 97



Appendix 98



Appendix 99



Appendix 100



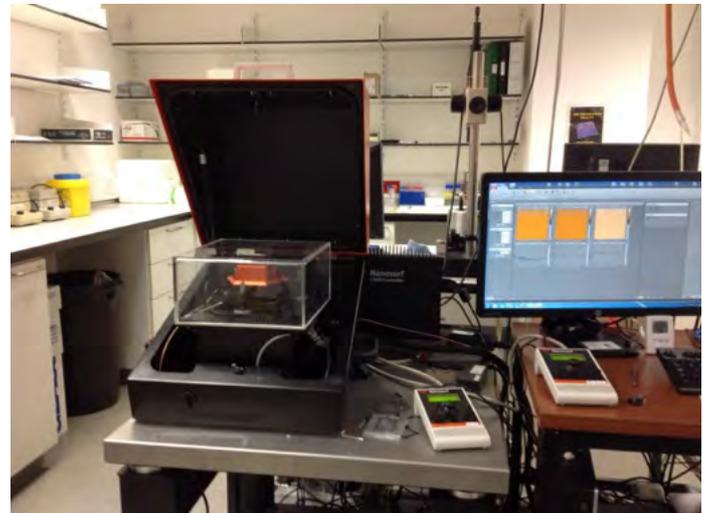
Appendix 101



Appendix 102



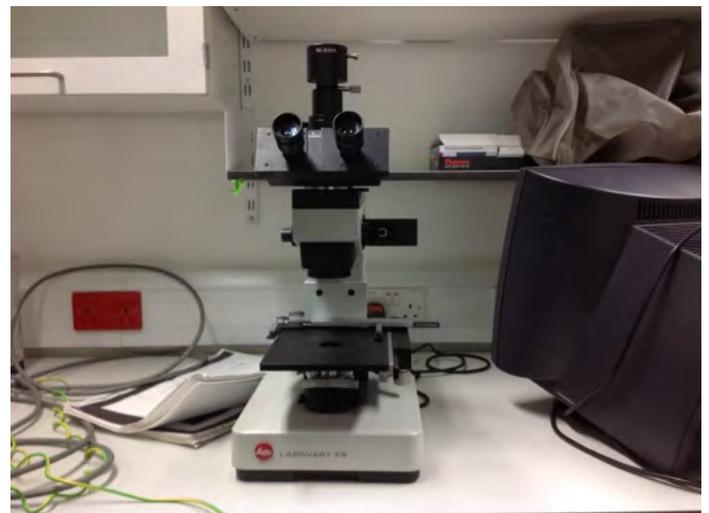
Appendix 103



Appendix 104



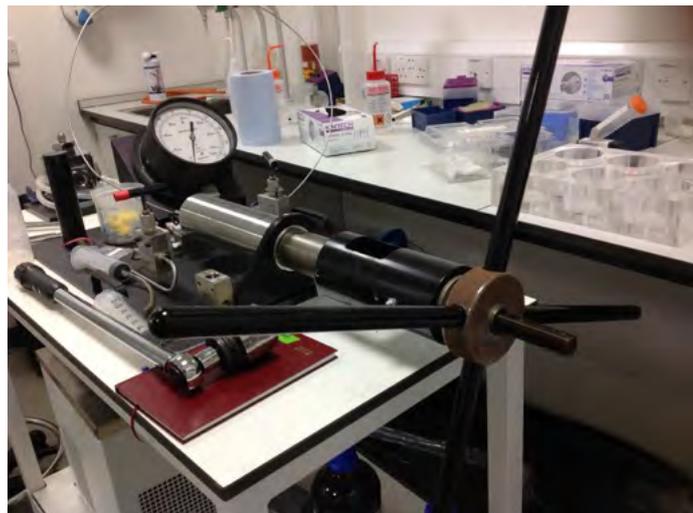
Appendix 105



Appendix 106



Appendix 107



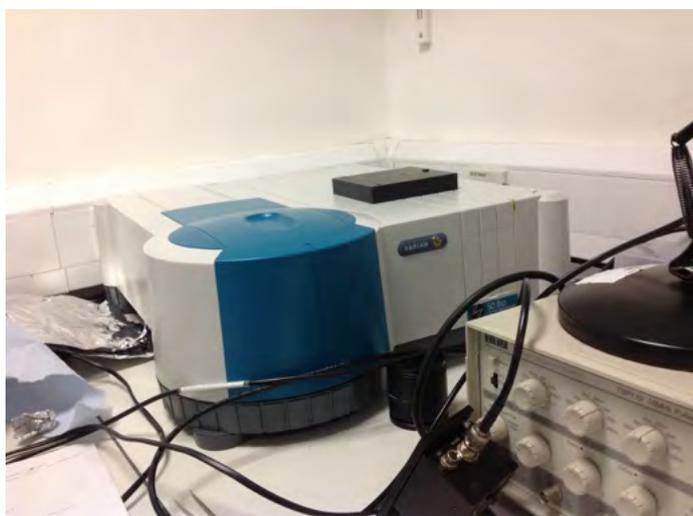
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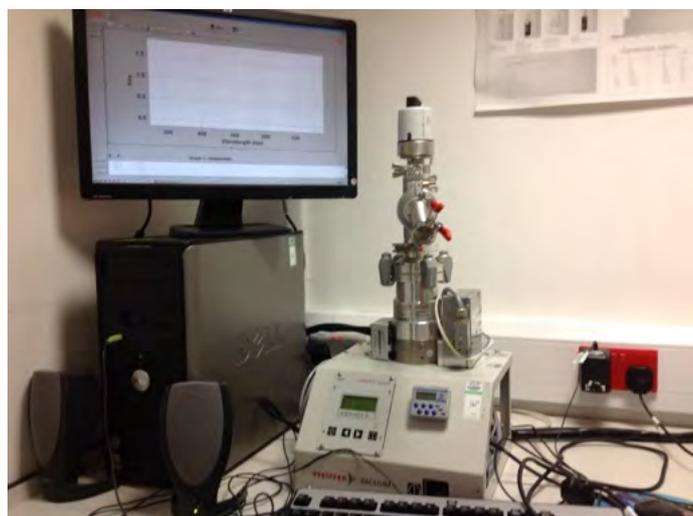
Appendix 109



Appendix 110



Appendix 111



Appendix 112



Appendix 113



Appendix 114



Appendix 115



Appendix 116



Appendix 117



Appendix 118



Appendix 119



Appendix 120



Appendix 121



Appendix 122



Appendix 123



Appendix 124



Appendix 125

Ground Floor Laboratories

Details

Equipment 1	
Description	Imaging system (Chemiluminescence)
Location	G.046
Make	Syngene Bio Imaging
Model	GENE GNOME
Serial No	
Approx cost (if known)	£ 10k
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 1</p>	
Equipment 2	
Description	Spectrophotometer
Location	G.046
Make	Jenway
Model	6700 Vis
Serial No	
Approx cost (if known)	£3k
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
	

MIB Equipment Inventory

Appendix 2	
Equipment 3	
Description	Fermentor (large floor standing 30L)
Location	G.057
Make	Bio Engineering
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 3</p>	
Equipment 4	
Description	Freezer -80
Location	Gr fl 3rd Eq Bay
Make	New Brunswick Scientific
Model	U725
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 4</p>	
Equipment 5	
Description	Chilled Cabinet

MIB Equipment Inventory

Location	Gr fl 3rd Eq Bay
Make	Foster
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 5</p>	
Equipment 6	
Description	AKTExpress
Location	Gr fl 3rd Eq Bay
Make	Amersham Biosciences
Model	AKTExpress
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 6</p>	
Equipment 7	
Description	Centrifuge
Location	Gr fl 3rd Eq Bay
Make	Hettich
Model	Rotina 420R

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 7</p>	
Equipment 8	
Description	Mass Spectroscopy Ion Trap
Location	G.059
Make	Bruker Daltonics
Model	esquire 3000 plus
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 8</p>	
Equipment 9	
Description	Mass Spectroscopy LC
Location	G.059
Make	LC Packings
Model	Flamos, Switches, Ultimate
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility

Photograph	
 <p>Appendix 9</p>	
Equipment 10	
Description	Mass Spectroscopy GC (with auto sampler)
Location	G.059
Make	Agilent Technologies
Model	7890B
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 10</p>	
Equipment 11	
Description	Sonicator (ultrasonic processor)
Location	G.063
Make	QSonica
Model	Q125
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression
Photograph	



Appendix 11

Equipment 12

Description	incubator shaker (refrigerated)
Location	G.063
Make	medline
Model	SI-300R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility

Photograph



Appendix 12

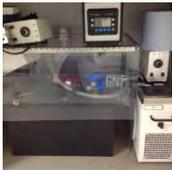
Equipment 13

Description	incubator shaker
Location	G.063
Make	Thermo Scientific
Model	MaxQ400
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility

Photograph



MIB Equipment Inventory

Appendix 13	
Equipment 14	
Description	PCR (modular high through put) with slave unit
Location	G.063
Make	Bio Rad
Model	C1000, S1000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 14</p>	
Equipment 15	
Description	Fermentator (airlift, 96x100ml)
Location	G.063
Make	GNF Systems
Model	
Serial No	
Approx cost (if known)	£33K
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 15</p>	
Equipment 16	
Description	Robot (liquid handling ,96 well plates)

MIB Equipment Inventory

Location	G.063
Make	Beckman Coulter
Model	Biomek FXp
Serial No	
Approx cost (if known)	£160k
Assigned to - (Member of Staff)	Protein Expression
Photograph	
 <p>Appendix 16</p>	
Equipment 17	
Description	Chilled Cabinet x2
Location	G.063
Make	SANYO
Model	Labcool
Serial No	
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	Protein Expression
Photograph	
 <p>Appendix 17</p>	
Equipment 18	
Description	AKTExpress (automated multiple stem protein purification) x4
Location	G.063
Make	GE Healthcare
Model	AKTExpress

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£22k (each)
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 18</p>	
Equipment 19	
Description	Bioreactor (mammalian & insect cell culture)
Location	G0.63
Make	Applikon
Model	Bio console ADI 1025 & ADI 10
Serial No	
Approx cost (if known)	£18k
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 19</p>	
Equipment 20	
Description	Microscope (light & fluorescence)
Location	G.045
Make	Zeiss
Model	AX10
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Webb

Photograph	
 <p>Appendix 20</p>	
Equipment 21	
Description	induction heating (magnetic)
Location	G.045
Make	Cheltenham Induction heating
Model	Easy Heat
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S. Webb
Photograph	
 <p>Appendix 21</p>	
Equipment 22	
Description	Spectrophotometer (Fluorimeter Luminescence)
Location	G.045
Make	Perkin Elmer
Model	LS55
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S. Webb
Photograph	



Appendix 22

Equipment 23

Description	Spectrophotometer (UV/vis)
Location	G.045
Make	Jasco
Model	V-660
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S. Webb

Photograph



Appendix 23

Equipment 24

Description	Polarimeter
Location	G.045
Make	BS
Model	ADP 440+
Serial No	
Approx cost (if known)	£9k
Assigned to - (Member of Staff)	J. Gardiner

Photograph



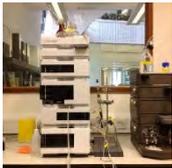
MIB Equipment Inventory

Appendix 24	
Equipment 25	
Description	Spectrophotometer FTIR (diamond tip)
Location	G.045
Make	Bruker
Model	Alpha
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J. Gardiner
Photograph	
 <p>Appendix 25</p>	
Equipment 26	
Description	Osmometer (cryoscopic)
Location	G.045
Make	Gonotec
Model	Osmomat 030
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S. Webb
Photograph	
 <p>Appendix 26</p>	
Equipment 27	
Description	Microscope (Optical)

MIB Equipment Inventory

Location	G.044
Make	Nikon
Model	Eclipse E200
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Lockyer
Photograph	
 <p>Appendix 27</p>	
Equipment 28	
Description	Microscope Nanopics
Location	G.044
Make	KLA Tencor
Model	Nano pics 2100 with NPX 200
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Lockyer
Photograph	
 <p>Appendix 28</p>	
Equipment 29	
Description	FPLC AKTA purifier with Fraction collector
Location	G.044
Make	Amersham Biosciences
Model	

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Almond
Photograph	
 <p>Appendix 29</p>	
Equipment 30	
Description	HPLC
Location	G.044
Make	Agilent
Model	1200 Series
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Almond
Photograph	
 <p>Appendix 30</p>	
Equipment 31	
Description	Evaporator
Location	Gr fl 3rd Eq Bay
Make	LABCONCO
Model	CentiVap Console
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core

Photograph	
 <p>Appendix 31</p>	
Equipment 32	
Description	Centrifuge
Location	Gr fl 3rd Eq Bay
Make	Beckman Coulter
Model	Avanti J-E
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 32</p>	
Equipment 33	
Description	Chilled Cabinets
Location	
Make	Gr fl 3rd Eq Bay
Model	Sanyo
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	



Appendix 33

Equipment 34

Description	FPLC AKTA purifier with Fraction collector
Location	Gr fl 3rd Eq Bay
Make	GE Healthcare
Model	AKTA purifier
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys

Photograph



Appendix 34

Equipment 35

Description	FPLC AKTA purifier with Fraction collector
Location	Gr fl 3rd Eq Bay
Make	GE Healthcare
Model	AKTA purifier
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys

Photograph



MIB Equipment Inventory

Appendix 35	
Equipment 36	
Description	Sonicator
Location	G.058
Make	SONICS
Model	Vibra cell
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Webb
Photograph	
 <p>Appendix 36</p>	
Equipment 37	
Description	Imager -Typhoon variable image plus Image eraser box
Location	G.058
Make	GE Healthcare (molecular dynamics)
Model	Typhoon Trio
Serial No	63005587-1385117
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 37</p>	
Equipment 38	
Description	Gel Doc Imaging with cooled camera system (18 degree C)

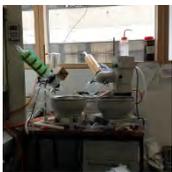
MIB Equipment Inventory

Location	G.058
Make	FUJIFILM
Model	intelligent Dark box with LAS -100 camera
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	
 <p>Appendix 38</p>	
Equipment 39	
Description	Sonicator
Location	G.058
Make	Bandelin
Model	Sonopuls HD 3200
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 39</p>	
Equipment 40	
Description	Sonicator
Location	G.058
Make	SONICS
Model	Vibra cell

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 40</p>	
Equipment 41	
Description	Gel Doc Imaging
Location	G.058
Make	Syngene Bio Imaging
Model	GENE FLASH
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 41</p>	
Equipment 42	
Description	Evaporator (rotary with controllers and water baths) x3
Location	G.055
Make	BUCHI
Model	Rotavapor
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Gardiner

MIB Equipment Inventory

Photograph	
	
Appendix 42	
Equipment 43	
Description	Evaporator (rotary with controllers and water baths) x3
Location	G.055
Make	BUCHI
Model	Rotovapor
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Webb
Photograph	
	
Appendix 43	
Equipment 44	
Description	Spectrophotometer (UV/Vis)
Location	G.054
Make	Agilent
Model	Cary 60
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	



Appendix 44

Equipment 45

Description	Centrifuge
Location	G.054
Make	Thermo
Model	centra CL3R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys

Photograph



Appendix 45

Equipment 46

Description	Centrifuge
Location	G.054
Make	SIGMA
Model	3-16PK
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys

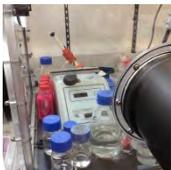
Photograph



MIB Equipment Inventory

Appendix 46	
Equipment 47	
Description	Glove Box (anaerobic projects)
Location	G.054
Make	BELLE TECHNOLOGY
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 47</p>	
Equipment 48	
Description	FPLC AKTA
Location	G.054
Make	Amersham Biosciences
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 48</p>	
Equipment 49	
Description	Sonicator

MIB Equipment Inventory

Location	G.054
Make	MISONIX
Model	Microson
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 49</p>	
Equipment 50	
Description	Microscope (integral to glove box)
Location	G.054
Make	Leica
Model	MZ6
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 50</p>	
Equipment 51	
Description	PCR (gradient)
Location	G.054
Make	Bio Rad
Model	T100

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 51</p>	
Equipment 52	
Description	PCR (Real Time)
Location	G.054
Make	Bio Rad
Model	CFX96 Real time system
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
 <p>Appendix 52</p>	
Equipment 53	
Description	Spectrophotometer (UV/Vis)
Location	G.054
Make	Varian
Model	Cary 50 Bio
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys

MIB Equipment Inventory

Photograph	
	
Appendix 53	
Equipment 54	
Description	Plate reader (whole spectrum 96 well plates)
Location	G.054
Make	BioTek
Model	Synergy HT
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Leys
Photograph	
	
Appendix 54	
Equipment 55	
Description	Freeze Dryer
Location	G.054
Make	Heto
Model	LyoLab 3000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	



Appendix 55

Equipment 56

Description	Chilled Cabinet
Location	Gr fl 2nd Eq Bay
Make	Foster
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui

Photograph



Appendix 56

Equipment 57

Description	FPLC AKTA with Fraction collector
Location	Gr fl 2nd Eq Bay
Make	Pharmacia Biotech
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui

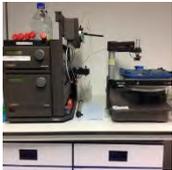
Photograph



MIB Equipment Inventory

Appendix 57	
Equipment 58	
Description	Incubator Shaker
Location	Gr fl 2nd Eq Bay
Make	Sartorius
Model	Certomat IS
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	
 <p>Appendix 58</p>	
Equipment 59	
Description	LC AKTA prime
Location	Gr fl 2nd Eq Bay
Make	GE Healthcare
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	
 <p>Appendix 59</p>	
Equipment 60	
Description	Spectrophotometer (UV/Vis) multi cuvettes

MIB Equipment Inventory

Location	Gr fl 2nd Eq Bay
Make	Varian
Model	Cary 300 Bio
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core (H Lui)
Photograph	
 <p>Appendix 60</p>	
Equipment 61	
Description	FPLC AKTA with fraction collector
Location	Gr fl 2nd Eq Bay
Make	Amersham Biosciences
Model	AKTA FPLC
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Prince
Photograph	
 <p>Appendix 61</p>	
Equipment 62	
Description	Incubator Shaker
Location	Gr fl 2nd Eq Bay
Make	New Brunswick Scientific
Model	Excella E25

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 62</p>	
Equipment 63	
Description	Centrifuge
Location	G.053
Make	SciQuip
Model	Sigma 3-18k
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	
 <p>Appendix 63</p>	
Equipment 64	
Description	LC AKTA prime
Location	G.053
Make	Amersham Bioscience
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Bella

MIB Equipment Inventory

Photograph	
 <p>Appendix 64</p>	
Equipment 65	
Description	Homogenizer
Location	G.053
Make	MP
Model	Fast Prep -24
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	
 <p>Appendix 65</p>	
Equipment 66	
Description	Autoclave (Bench)
Location	G.053
Make	Prestige Medical
Model	Classic
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	



Appendix 66

Equipment 67

Description	Glove Box (anaerobic projects)
Location	G.053
Make	BELLE Technology
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui

Photograph



Appendix 67

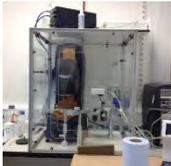
Equipment 68

Description	LC AKTA with fraction collector
Location	G.053
Make	GE Healthcare
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui

Photograph



MIB Equipment Inventory

Appendix 68	
Equipment 69	
Description	Microscope (optical)
Location	G.053
Make	
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 69</p>	
Equipment 70	
Description	Rheometer (shears)
Location	G.052
Make	TA Instruments
Model	DHR 2 (Discovery Hybrid Rheometer)
Serial No	
Approx cost (if known)	£60k
Assigned to - (Member of Staff)	A Saiani
Photograph	
 <p>Appendix 70</p>	
Equipment 71	
Description	Rheometer (extensional)

MIB Equipment Inventory

Location	G.052
Make	Thermo Haaka
Model	CaBER 1
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 71</p>	
Equipment 72	
Description	Printer 3D
Location	G.052
Make	Cubify
Model	CubeX
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 72</p>	
Equipment 73	
Description	Rheometer (capillary)
Location	G.052
Make	Vilastic Scientific
Model	Vilastic -3

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 73</p>	
Equipment 74	
Description	Camera (High speed motion) on microscope base
Location	G.052
Make	IDI
Model	Motion Pro X4
Serial No	
Approx cost (if known)	£20k
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 74</p>	
Equipment 75	
Description	Rheometer (optical) with attached laser & amplifiers
Location	G.052
Make	Manchester in house
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis

Photograph	
 <p>Appendix 75</p>	
Equipment 76	
Description	Langmuir Blodgett Trough
Location	G.052
Make	Biolin Scientific
Model	KSV NIMA
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 76</p>	
Equipment 77	
Description	Micro Particle Imaging Velocimetry (Micro PIV)
Location	G.052
Make	TSL (various brands)
Model	power supply, laser synchroniser, camera, microscope, computer and software
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	



Appendix 77

Equipment 78

Description	Camera (Birefringence)
Location	
Make	CRi
Model	Abiro
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R. Curtis

Photograph



Appendix 78

Equipment 79

Description	Electro Spinning instrument
Location	G.052
Make	Manchester home made
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis

Photograph



MIB Equipment Inventory

Appendix 79	
Equipment 80	
Description	Biological safety cabinet x3
Location	G.066
Make	MachAire
Model	
Serial No	
Approx cost (if known)	£6k each
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 80</p>	
Equipment 81	
Description	Bioreactor
Location	G.066
Make	Wave Biotech
Model	Wave
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 81</p>	
Equipment 82	
Description	Incubator CO2 (x4)

MIB Equipment Inventory

Location	G.066
Make	New Brunswick (Eppendorf)
Model	Galaxy
Serial No	
Approx cost (if known)	£4k each
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 82</p>	
Equipment 83	
Description	Incubator Shaker
Location	G.066
Make	Medline
Model	SI-600R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 83</p>	
Equipment 84	
Description	Centrifuge
Location	G.066
Make	MSE
Model	Mistral 2000

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 84</p>	
Equipment 85	
Description	Centrifuge
Location	G.066
Make	BOECO
Model	C-28A
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
 <p>Appendix 85</p>	
Equipment 86	
Description	Microscope (optical)
Location	G.066
Make	Optika
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility

MIB Equipment Inventory

Photograph	
	
Appendix 86	
Equipment 87	
Description	Bioreactor
Location	G.066
Make	Wave Bioreactor
Model	system 20/50EHT
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Protein Expression Facility
Photograph	
	
Appendix 87	
Equipment 88	
Description	Plate reader
Location	G.048
Make	Berthold technologies
Model	Twinkle LB 970
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Doig
Photograph	



Appendix 88

Equipment 89

Description	Spectrophotometer (UV/Vis)
Location	G.048
Make	Jenway
Model	6315
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Golovanov

Photograph



Appendix 89

Equipment 90

Description	Spectrophotometer (UV/Vis) with Peltier accessory
Location	G.048
Make	Agilent
Model	Cary 60
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Waltho

Photograph



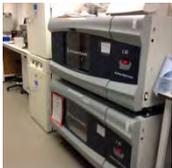
MIB Equipment Inventory

Appendix 90	
Equipment 91	
Description	Autoclave
Location	G.048
Make	Prestige Medical
Model	Classic
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Waltho
Photograph	
	
Appendix 91	
Equipment 92	
Description	Incubator Shaker x2
Location	Grd fl 1st Eq Bay
Make	New Brunswick Scientific
Model	I 26
Serial No	
Approx cost (if known)	£6k (each)
Assigned to - (Member of Staff)	Core
Photograph	
	
Appendix 92	
Equipment 93	
Description	Incubator Shaker

MIB Equipment Inventory

Location	Grd fl 1st Eq Bay
Make	INFORS HT
Model	Multitron
Serial No	
Approx cost (if known)	£6K
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 93</p>	
Equipment 94	
Description	LC AKTAprime plus x2
Location	Grd fl 1st Eq Bay
Make	GE Healthcare
Model	AKTAprime plus
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 94</p>	
Equipment 95	
Description	Incubator Shaker x2
Location	Grd fl 1st Eq Bay
Make	New Brunswick Scientific
Model	I 26

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 95</p>	
Equipment 96	
Description	Cell Disrupter (constant cell disruption system)
Location	Grd fl 1st Eq Bay
Make	constant cell disruption system
Model	constant cell disruption system
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 96</p>	
Equipment 97	
Description	Spectrophotometer Fluorescence
Location	Grd fl 1st Eq Bay
Make	Varian
Model	Cary Eclipse
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui

MIB Equipment Inventory

Photograph	
 <p>Appendix 97</p>	
Equipment 98	
Description	Electrode (Oxygen)
Location	Grd fl 1st Eq Bay
Make	Hansatech
Model	Oxygraph
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Lui
Photograph	
 <p>Appendix 98</p>	
Equipment 99	
Description	Freezer -80
Location	Grd fl 1st Eq Bay
Make	New Brunswick Scientific
Model	U570
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	D Leys
Photograph	



Appendix 99

Equipment 100

Description	Ice Machine with collection bin
Location	Grd fl 1st Eq Bay
Make	Scotman
Model	MF 41
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core

Photograph



Appendix 100

Equipment 101

Description	Centrifuge
Location	Grd fl 1st Eq Bay
Make	Beckman Coulter
Model	Avanti J-26 XP
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	Protein Expression Facility

Photograph



MIB Equipment Inventory

Appendix 101	
Equipment 102	
Description	Centrifuge
Location	Grd fl 1st Eq Bay
Make	Eppendorf
Model	5804 R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff / N Dixon
Photograph	
 <p>Appendix 102</p>	
Equipment 103	
Description	Freezer -80
Location	Grd fl 1st Eq Bay
Make	Thermo
Model	Her 4 Freeze
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	J Waltho
Photograph	
 <p>Appendix 103</p>	
Equipment 104	
Description	Cell Disrupter (Mini bead beater)

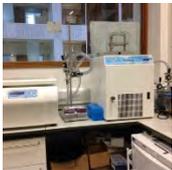
MIB Equipment Inventory

Location	G.064
Make	Bio spec products
Model	Mini bead beater
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Radiation Lab John Hughes
Photograph	
 <p>Appendix 104</p>	
Equipment 105	
Description	UV Stratalinker
Location	G.064
Make	Stratagene
Model	UV Stratalinker 2400
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Radiation Lab John Hughes
Photograph	
 <p>Appendix 105</p>	
Equipment 106	
Description	Monitors (radiation isotopes) x5
Location	G.064
Make	Mini Monitor
Model	Series 900

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Radiation Lab John Hughes
Photograph	
 <p>Appendix 106</p>	
Equipment 107	
Description	Counter (Liquid Scintillation)
Location	G.064
Make	Wallace
Model	1409 DSA
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Radiation Lab John Hughes
Photograph	
 <p>Appendix 107</p>	
Equipment 108	
Description	Incubator (Hybridisation)
Location	G.064
Make	Techne
Model	Hybridiser HB-1D
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Radiation Lab John Hughes

MIB Equipment Inventory

Photograph	
 <p>Appendix 108</p>	
Equipment 109	
Description	Freeze Dryer with vacuum Concentrator
Location	G.047
Make	SCANVAC
Model	Cool Safe
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	M Buckley
Photograph	
 <p>Appendix 109</p>	
Equipment 110	
Description	Centrifuge
Location	G.047
Make	SciQuip
Model	Sigma 3-16L
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	M Buckley
Photograph	



Appendix 110

Equipment 111

Description	Mass Spec LCT Classic TOF
Location	G.047
Make	Micomass/Waters
Model	LCT Classic
Serial No	
Approx cost (if known)	£20k
Assigned to - (Member of Staff)	P Barran

Photograph



Appendix 111

Equipment 112

Description	Fractionator
Location	G.047
Make	Agilent
Model	3100 Offgel Fractionator
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	M Buckley

Photograph



MIB Equipment Inventory

Appendix 112	
Equipment 113	
Description	Mass Spec with Waters automated HDX system (hydrogen deuterium exchange) with ETD source unit (electron transfer dissociation able)
Location	G.047
Make	Waters / LEAP
Model	Synapt G2-S HDMS with HDX and ETD
Serial No	
Approx cost (if known)	£500k
Assigned to - (Member of Staff)	P Barran
Photograph	
	
Appendix 113	

Images



Appendix 1



Appendix 2



Appendix 3



Appendix 4



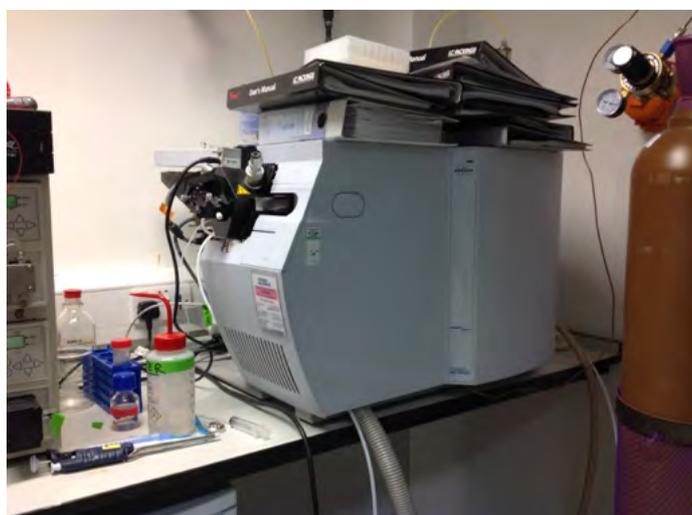
Appendix 5



Appendix 6



Appendix 7



Appendix 8



Appendix 9



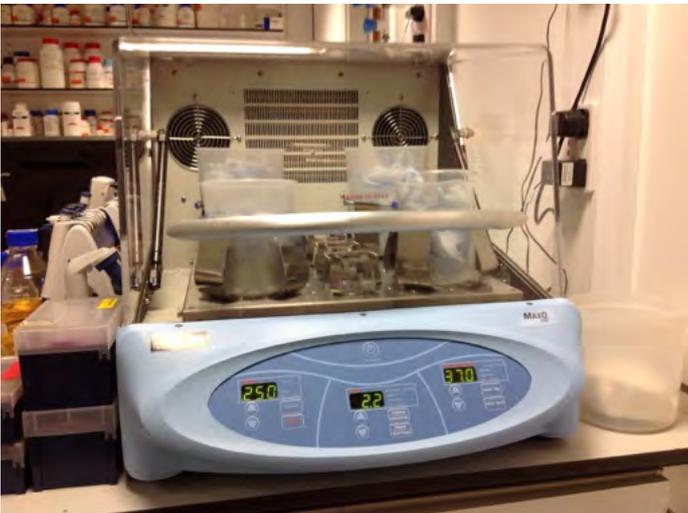
Appendix 10



Appendix 11



Appendix 12



Appendix 13



Appendix 14



Appendix 15



Appendix 16



Appendix 17



Appendix 18



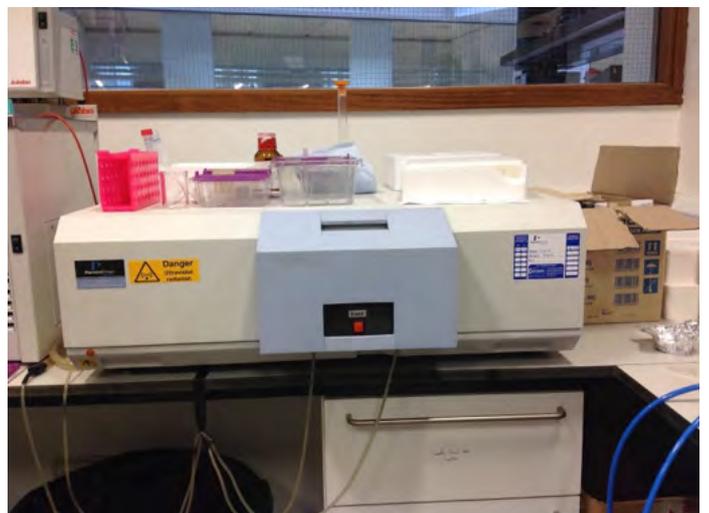
Appendix 19



Appendix 20



Appendix 21



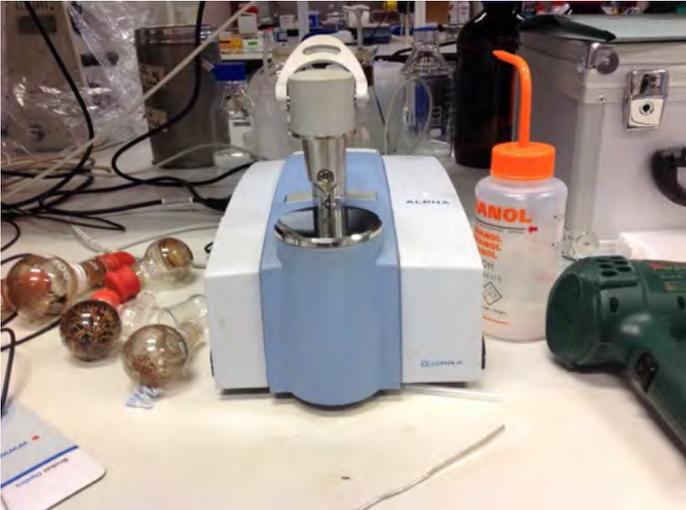
Appendix 22



Appendix 23



Appendix 24



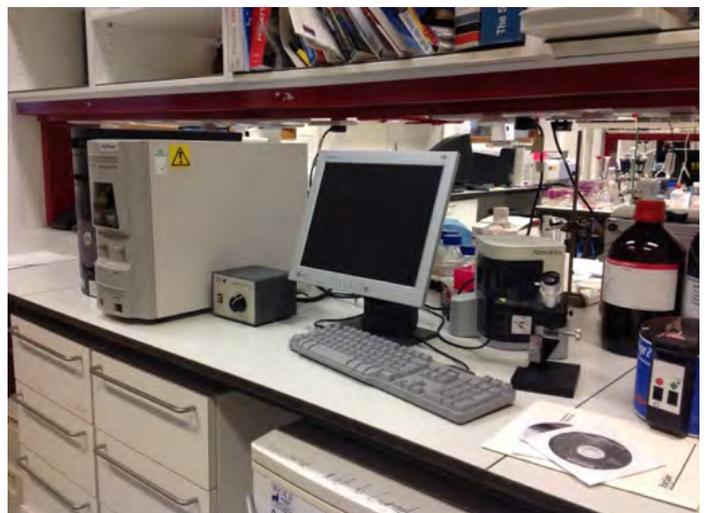
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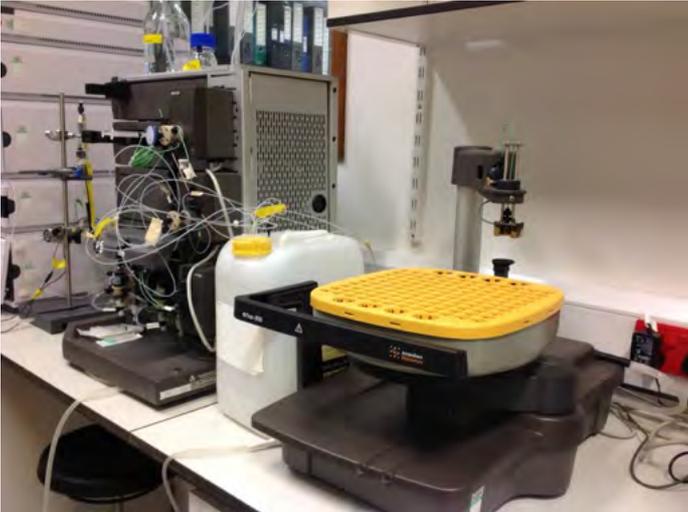
Appendix 26



Appendix 27



Appendix 28



Appendix 29



Appendix 30



Appendix 31



Appendix 32



Appendix 33



Appendix 34



Appendix 35



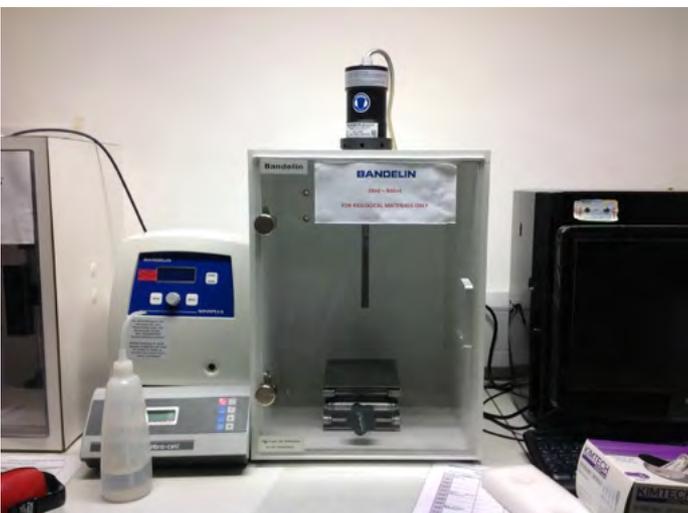
Appendix 36



Appendix 37



Appendix 38



Appendix 39



Appendix 40



Appendix 41



Appendix 42



Appendix 43



Appendix 44



Appendix 45



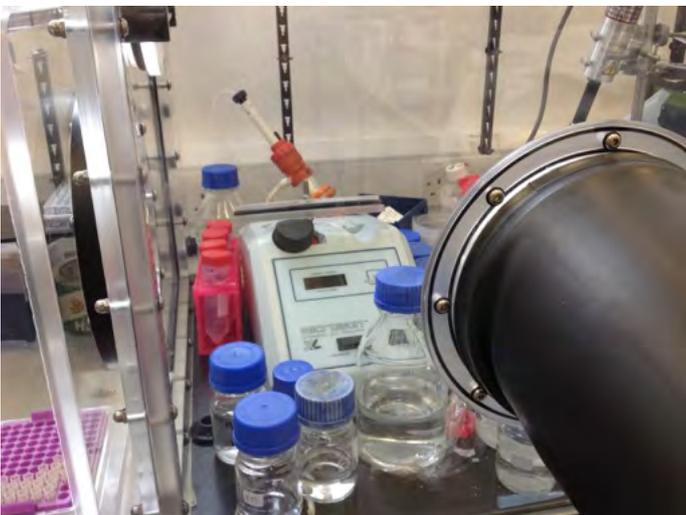
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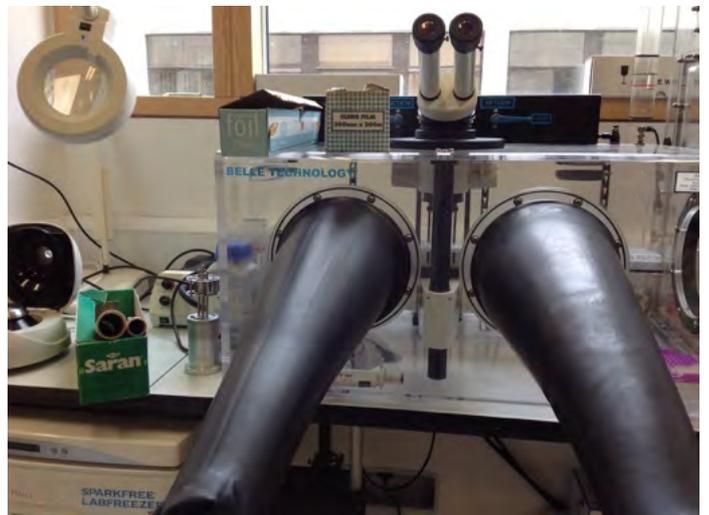
Appendix 47



Appendix 48



Appendix 49



Appendix 50



Appendix 51



Appendix 52



Appendix 53



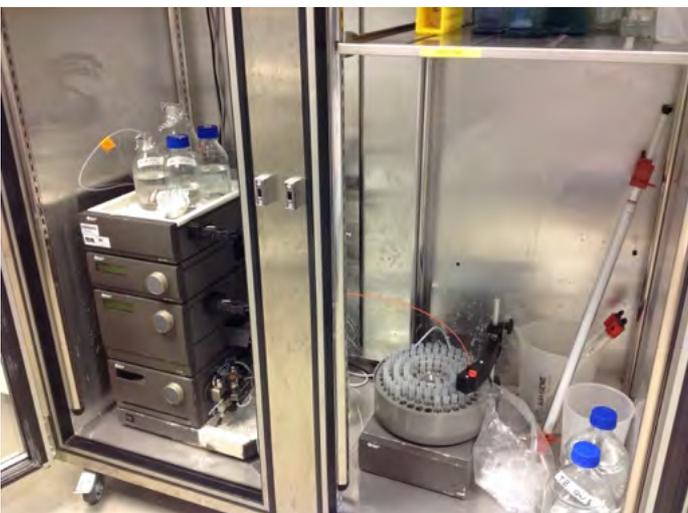
Appendix 54



Appendix 55



Appendix 56



Appendix 57



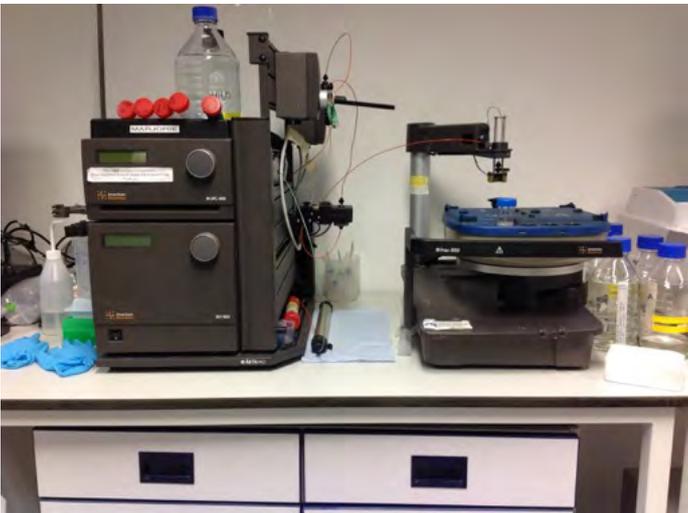
Appendix 58



Appendix 59



Appendix 60



Appendix 61



Appendix 62



Appendix 63



Appendix 64



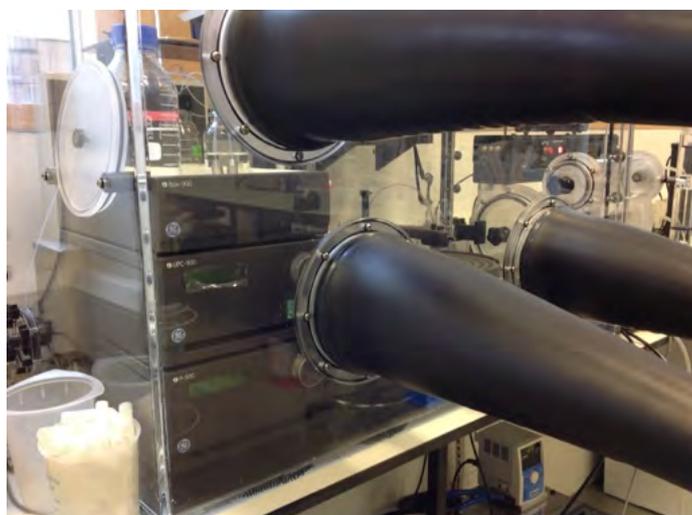
Appendix 65



Appendix 66



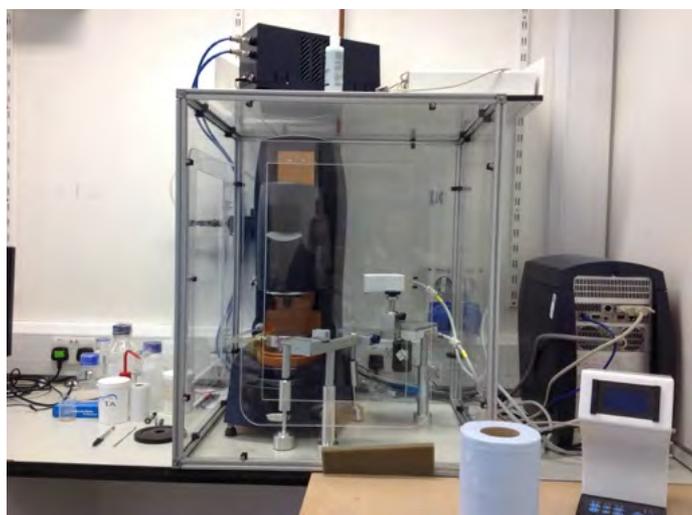
Appendix 67



Appendix 68



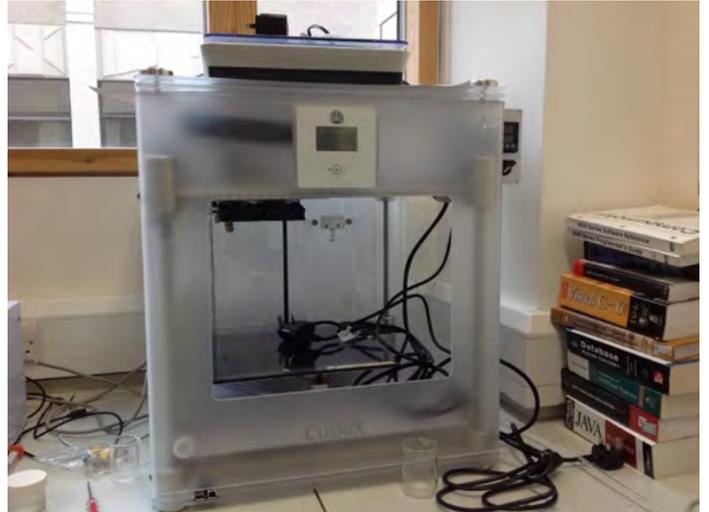
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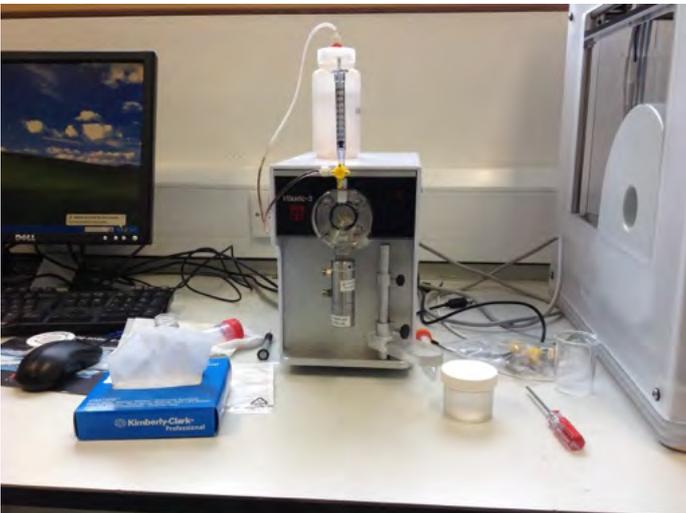
Appendix 70



Appendix 71



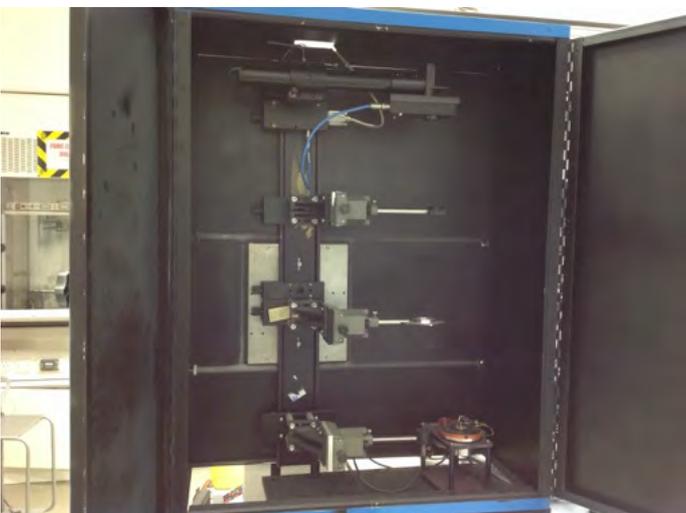
Appendix 72



Appendix 73



Appendix 74



Appendix 75



Appendix 76



Appendix 77



Appendix 78



Appendix 79



Appendix 80



Appendix 81



Appendix 82



Appendix 83



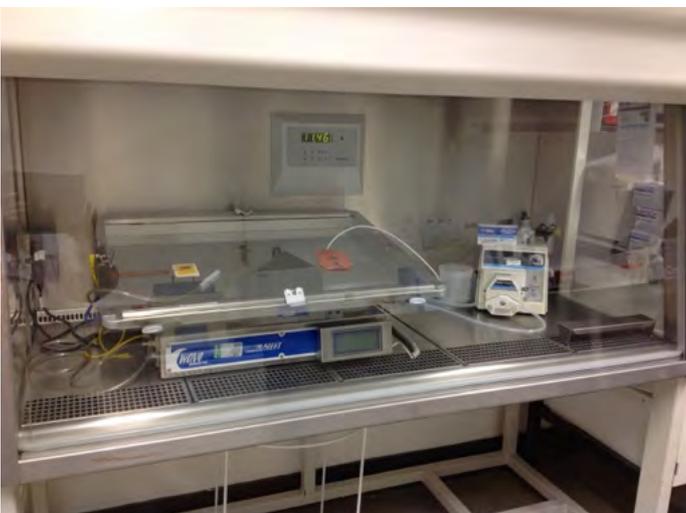
Appendix 84



Appendix 85



Appendix 86



Appendix 87



Appendix 88



Appendix 89



Appendix 90



Appendix 91



Appendix 92



Appendix 93



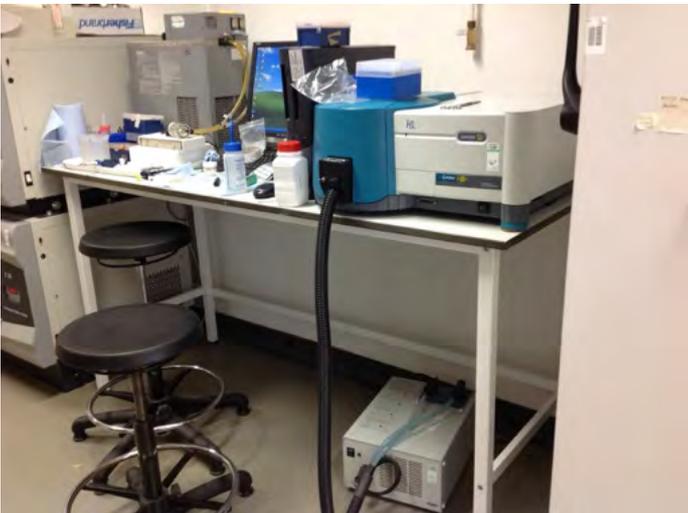
Appendix 94



Appendix 95



Appendix 96



Appendix 97



Appendix 98



Appendix 99



Appendix 100



Appendix 101



Appendix 102



Appendix 103



Appendix 104



Appendix 105



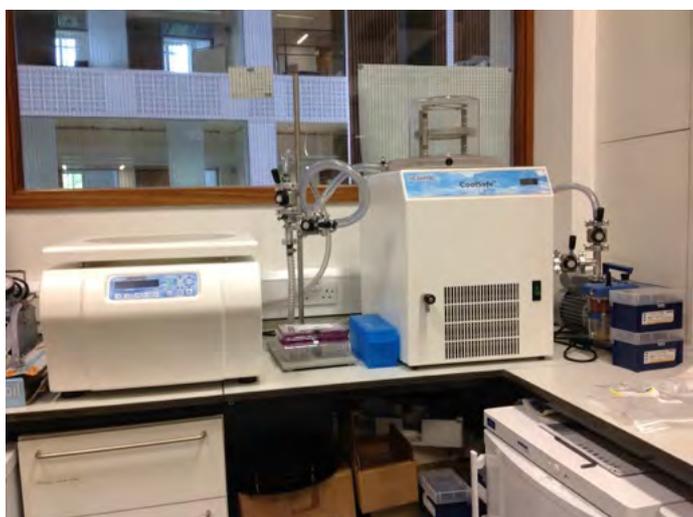
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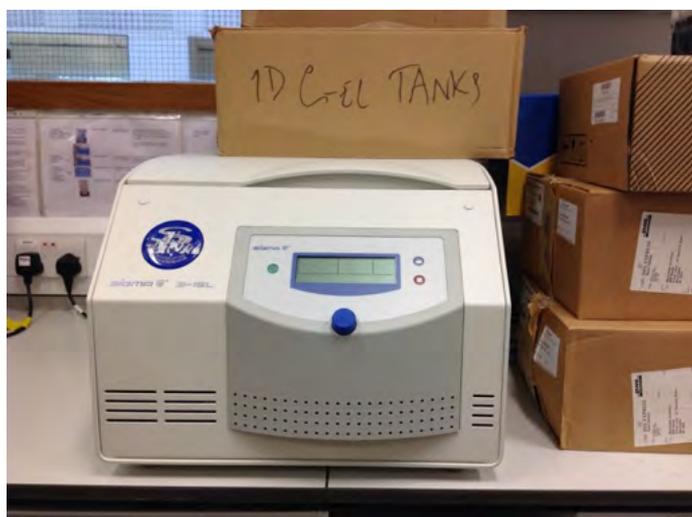
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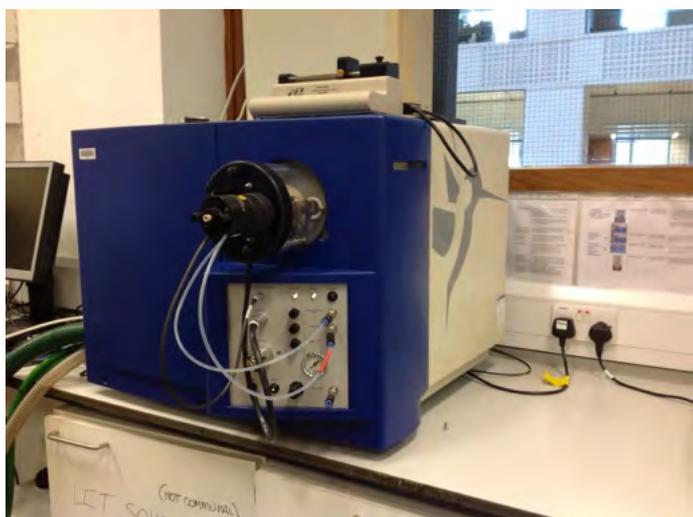
Appendix 108



Appendix 109



Appendix 110



Appendix 111



Appendix 112



Appendix 113

First Floor Laboratories

Details

Equipment 1	
Description	qPCR machine
Location	1.044
Make	Roche
Model	lightcycler 480II
Serial No	
Approx cost (if known)	25k+
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 1</p>	
Equipment 2	
Description	bio analyser
Location	1.044
Make	Agilent
Model	2100 bio analyser
Serial No	DE72905181
Approx cost (if known)	8k
Assigned to - (Member of Staff)	Terry Brown
Photograph	
	

MIB Equipment Inventory

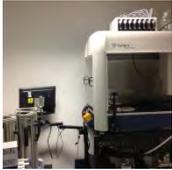
Appendix 2	
Equipment 3	
Description	nano drop spectrophotometer
Location	1.044
Make	thermo scientific
Model	nano drop 2000
Serial No	
Approx cost (if known)	1k
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 3</p>	
Equipment 4	
Description	qPCR machine
Location	1.044
Make	Agilent
Model	stratagene Mx3005P
Serial No	DE 10901219
Approx cost (if known)	20k
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 4</p>	
Equipment 5	
Description	Gel Doc

MIB Equipment Inventory

Location	1.044
Make	Syngene
Model	Gene flash
Serial No	
Approx cost (if known)	10k
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 5</p>	
Equipment 6	
Description	concentrator plus vacufuge plus
Location	1.044
Make	eppendorf
Model	concentrator plus
Serial No	5305CR723378
Approx cost (if known)	
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 6</p>	
Equipment 7	
Description	Syringe pump x3
Location	1.042
Make	Harvard
Model	33 syringe pump

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£3k (each)
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 7</p>	
Equipment 8	
Description	Balance Analytical
Location	1.042
Make	Sarto research
Model	
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 8</p>	
Equipment 9	
Description	automation workstation (robot)
Location	1.053a
Make	Sciclone (Caliper life sciences)
Model	ALH 3000 workstation
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Doug Kell & Phillip Day

Photograph	
 <p>Appendix 9</p>	
Equipment 10	
Description	automation workstation (robot EVE)
Location	1.054
Make	PAA (process analysis automation)
Model	overlord 2
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Ross King
Photograph	
 <p>Appendix 10</p>	
Equipment 11	
Description	Laser Chiral RAMAN
Location	1.062
Make	Bio Tools
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	E Blanch & Derren Heyes
Photograph	



Appendix 11

Equipment 12

Description	Laser & Microscope
Location	1.062
Make	Renishaw & Olympus
Model	laser RL633 & Microscope BH-2
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 12

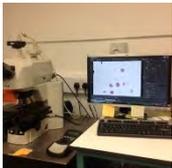
Equipment 13

Description	light source PDT (photo dynamic light source)
Location	1.053b
Make	omnilux
Model	EL1000A
Serial No	NB 00095
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat

Photograph



MIB Equipment Inventory

Appendix 13	
Equipment 14	
Description	microscope confocal fluorescence
Location	1.053b
Make	Nikon
Model	eclipse90i
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Peter Gardner
Photograph	
 <p>Appendix 14</p>	
Equipment 15	
Description	HPLC
Location	1.051
Make	Dionex
Model	ultimate 3000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Miller
Photograph	
 <p>Appendix 15</p>	
Equipment 16	
Description	mass spectrometer (TOF) plus HPLC

MIB Equipment Inventory

Location	1.050
Make	Walters LTC
Model	LTC & Waters 2790
Serial No	
Approx cost (if known)	£150k
Assigned to - (Member of Staff)	Reynard Spiess
Photograph	
 <p>Appendix 16</p>	
Equipment 17	
Description	mass spectrometer LCMS
Location	1.050
Make	Agilent
Model	LC/MSD SL
Serial No	
Approx cost (if known)	100k
Assigned to - (Member of Staff)	Nick Turner
Photograph	
 <p>Appendix 17</p>	
Equipment 18	
Description	mass spectrometer LCMS
Location	1.050
Make	Agilent
Model	LC/MSD SL

MIB Equipment Inventory

Serial No	
Approx cost (if known)	100k+
Assigned to - (Member of Staff)	Nick Turner
Photograph	
 <p>Appendix 18</p>	
Equipment 19	
Description	mass spectrometer LCMS ion trap
Location	1.050
Make	Agilent
Model	1100 series LC MSD iron trap
Serial No	
Approx cost (if known)	100k +
Assigned to - (Member of Staff)	Rehana Sung
Photograph	
 <p>Appendix 19</p>	
Equipment 20	
Description	ultracentrifuge
Location	first floor first bay
Make	Beckman coulter
Model	optima L 100 XP
Serial No	
Approx cost (if known)	30k
Assigned to - (Member of Staff)	Core

Photograph	
 <p>Appendix 20</p>	
Equipment 21	
Description	ultracentrifuge
Location	first floor first bay
Make	Beckman coulter
Model	optima LE 80k
Serial No	
Approx cost (if known)	30k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 21</p>	
Equipment 22	
Description	ultracentrifuge
Location	first floor first bay
Make	Beckman coulter
Model	optima LE 80k
Serial No	
Approx cost (if known)	30k
Assigned to - (Member of Staff)	Core
Photograph	



Appendix 22

Equipment 23

Description	Chilled Cabinet
Location	first floor first bay
Make	Sanyo
Model	lab cool
Serial No	
Approx cost (if known)	£2 k
Assigned to - (Member of Staff)	Core

Photograph



Appendix 23

Equipment 24

Description	plate washer
Location	1.046
Make	mikura
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	C.Mills

Photograph



MIB Equipment Inventory

Appendix 24	
Equipment 25	
Description	2D scanner
Location	1.046
Make	ettan
Model	ipgphor3
Serial No	
Approx cost (if known)	2k+
Assigned to - (Member of Staff)	C.Mills
Photograph	
 <p>Appendix 25</p>	
Equipment 26	
Description	plate reader, cell culture
Location	1.046
Make	oasys
Model	uvm340
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	C.Mills
Photograph	
 <p>Appendix 26</p>	
Equipment 27	
Description	HPLC

MIB Equipment Inventory

Location	1.046
Make	Shimadzu
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	C.Mills
Photograph	
 <p>Appendix 27</p>	
Equipment 28	
Description	AKTA FPLC
Location	1.046
Make	amersham biosciences
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	C.Mills
Photograph	
 <p>Appendix 28</p>	
Equipment 29	
Description	PCR Machine
Location	1.045
Make	G Storm
Model	

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 29</p>	
Equipment 30	
Description	Plate Reader (uv)
Location	1.045
Make	BMG LABTECH
Model	Fluostar Optima
Serial No	443-0199
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 30</p>	
Equipment 31	
Description	Concentrator Speed Vac
Location	1.045
Make	Thermo Scientific
Model	Savant DNA 120
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat

MIB Equipment Inventory

Photograph	
	
Appendix 31	
Equipment 32	
Description	Tissue Lyser
Location	1.045
Make	Qiagen
Model	Tissue Lyser li
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
	
Appendix 32	
Equipment 33	
Description	Microscope (inverted optical) with camera
Location	1.045
Make	Leica
Model	DNIL LED
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	



Appendix 33

Equipment 34

Description	qPCR machine (x2)
Location	1.045
Make	Roche
Model	lightcycler 480II
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	A Bayat

Photograph



Appendix 34

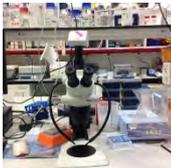
Equipment 35

Description	Plate Reader (infra-red)
Location	1.045
Make	Li Cor
Model	Odysseysa
Serial No	ODY 0115
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat

Photograph



MIB Equipment Inventory

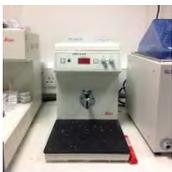
Appendix 35	
Equipment 36	
Description	Microscope (Stereo) with camera
Location	1.045
Make	Leica
Model	L2
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 36</p>	
Equipment 37	
Description	Flow Cytometer
Location	1.045
Make	Accuri
Model	06
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 37</p>	
Equipment 38	
Description	Label Printer

MIB Equipment Inventory

Location	1.045
Make	Brady
Model	IP 300
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 38</p>	
Equipment 39	
Description	RNA Extraction Machine (automated RNA extraction)
Location	1.045
Make	Qiagen
Model	QIAcube
Serial No	
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 39</p>	
Equipment 40	
Description	Tissue Processor
Location	1.061
Make	Leica
Model	TP 1020

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 40</p>	
Equipment 41	
Description	Microtome (rotary)
Location	1.061
Make	Leica
Model	RM 2125RT
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 41</p>	
Equipment 42	
Description	waxing station cold block
Location	1.061
Make	Leica
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat

Photograph	
 <p>Appendix 42</p>	
Equipment 43	
Description	waxing station wax warmer
Location	1.061
Make	Leica
Model	EG1120
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 43</p>	
Equipment 44	
Description	Microarray Machine
Location	1st Fl 3rd Eq Bay
Make	Molecular Devices
Model	Axon Gene Pix 4400A
Serial No	137080
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	



Appendix 44

Equipment 45

Description	Bioanalyser
Location	1st Fl 3rd Eq Bay
Make	Agilent
Model	2100 Bioanalyzer
Serial No	DE04105534
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	A Bayat

Photograph



Appendix 45

Equipment 46

Description	Incubator Shaker
Location	1st Fl 3rd Eq Bay
Make	New Brunswick Scientific
Model	Innova 4300
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core

Photograph



MIB Equipment Inventory

Appendix 46	
Equipment 47	
Description	Microscope (Fluorescent snap shot wide field) with camera
Location	1.053
Make	Olympus
Model	BX51
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 47</p>	
Equipment 48	
Description	Microscope (Fluorescent phase contrast upright) with camera
Location	1.053b
Make	Olympus
Model	IX71
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 48</p>	
Equipment 49	
Description	Array Synthesiser B3 (electrochemical)

MIB Equipment Inventory

Location	1.061
Make	Combi Matrix
Model	custom array synthesizer
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Kell & Philip Day
Photograph	
 <p>Appendix 49</p>	
Equipment 50	
Description	MerMade 12 DNA Synthesisor
Location	1.016
Make	Bioautomation Corporation
Model	MerMade 12
Serial No	120501
Approx cost (if known)	
Assigned to - (Member of Staff)	D Kell & Philip Day
Photograph	
 <p>Appendix 50</p>	
Equipment 51	
Description	Incubator(CO2) x2
Location	1.061
Make	Binder
Model	Binder

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 51</p>	
Equipment 52	
Description	thermal analyser (micr DSC instrument)
Location	1.052
Make	Setaram
Model	micro DSC III
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Miller
Photograph	
 <p>Appendix 52</p>	
Equipment 53	
Description	Spectrometer (UV/Vis) Temperature controlled
Location	1,052
Make	Jenway
Model	6515 UV/Vis
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Miller

MIB Equipment Inventory

Photograph	
	
Appendix 53	
Equipment 54	
Description	Centrifuge
Location	1.052
Make	Hettich
Model	Universal 320
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Miller
Photograph	
	
Appendix 54	
Equipment 55	
Description	Langmuir Trough
Location	1.052
Make	NIMA
Model	NIMA
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	A Miller
Photograph	



Appendix 55

Equipment 56

Description	Freeze Dryer
Location	1.052
Make	Heto
Model	PowerDry LL3
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	A. Miller

Photograph



Appendix 56

Equipment 57

Description	Freeze Dryer
Location	1.052
Make	SCANVAC
Model	Cool Safe
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	A. Miller

Photograph



MIB Equipment Inventory

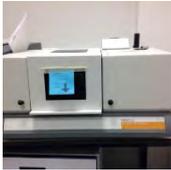
Appendix 57	
Equipment 58	
Description	Rotary Evaporator
Location	1.052
Make	Heidolph
Model	Laborota 4000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A. Miller
Photograph	
	
Appendix 58	
Equipment 59	
Description	Hot Plate (carousel)
Location	1.052
Make	Radley
Model	Radleys Tech
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A. Miller
Photograph	
	
Appendix 59	
Equipment 60	
Description	Microscope

MIB Equipment Inventory

Location	1.051
Make	SINGER
Model	SINGER MSM System
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 60</p>	
Equipment 61	
Description	HPLC
Location	1.051
Make	Agilent
Model	1100E
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	Rehana Sung
Photograph	
 <p>Appendix 61</p>	
Equipment 62	
Description	laser and microscope
Location	1.063
Make	Renishaw & Leica
Model	Leica DMLM

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 62</p>	
Equipment 63	
Description	Spectrometer FT-IR
Location	1.064
Make	Varian
Model	670-IR
Serial No	IR0904M030
Approx cost (if known)	
Assigned to - (Member of Staff)	P Gardener
Photograph	
 <p>Appendix 63</p>	
Equipment 64	
Description	microscope (imaging FT-IR)
Location	1.064
Make	Varian
Model	620-IR
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P Gardener

Photograph	
 <p>Appendix 64</p>	
Equipment 65	
Description	sample accessory (large) for FT-IR
Location	1.064
Make	varian
Model	Varian LS
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P Gardener
Photograph	
 <p>Appendix 65</p>	
Equipment 66	
Description	FT-IR
Location	1.064
Make	Digilab
Model	FTS 7000 series
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P Gardener
Photograph	



Appendix 66

Equipment 67

Description	Microscope (FT-IR)
Location	1.064
Make	varian
Model	600 UMA
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P Gardener

Photograph



Appendix 67

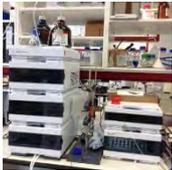
Equipment 68

Description	Freezer -80
Location	1st fl, 1st Eq Bay
Make	New Brunswick scientific
Model	U410
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	Core (J Hyde/P Sims)

Photograph



MIB Equipment Inventory

Appendix 68	
Equipment 69	
Description	HPLC (prep) with detectors
Location	1.051
Make	Agilent
Model	1260 infinity
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	Rehana Sung
Photograph	
 <p>Appendix 69</p>	
Equipment 70	
Description	gas chromatography (GCMS)
Location	1.051
Make	Varian
Model	Saturn 2000
Serial No	
Approx cost (if known)	£45k
Assigned to - (Member of Staff)	Rehana Sung
Photograph	
 <p>Appendix 70</p>	
Equipment 71	
Description	Power supply (high voltage power supply unit)

MIB Equipment Inventory

Location	1.042
Make	Stanford Research systems
Model	PS 350
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 71</p>	
Equipment 72	
Description	water still (ultra pure)
Location	1.042
Make	Elga
Model	Maxima
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Goddard
Photograph	
 <p>Appendix 72</p>	
Equipment 73	
Description	BSC Class II (x3)
Location	1.066
Make	MachAire
Model	

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£8k (each)
Assigned to - (Member of Staff)	Core Tissue Culture Facility
Photograph	
 <p>Appendix 73</p>	
Equipment 74	
Description	Microscope (optical)
Location	1.066
Make	Olympus
Model	CK30
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core Tissue Culture Facility
Photograph	
 <p>Appendix 74</p>	
Equipment 75	
Description	incubator CO2 (x2)
Location	1.066
Make	New Brunswick Scientific
Model	Galaxy 170S
Serial No	
Approx cost (if known)	£4k (each)
Assigned to - (Member of Staff)	Core Tissue Culture Facility

Photograph



Appendix 75

Equipment 76

Description	Incubator CO2 (x2)
Location	1.066
Make	RSBiotech
Model	Galaxy S
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat

Photograph



Appendix 76

Equipment 77

Description	Incubator (CO2)
Location	1.066
Make	Wolf Laboratories
Model	Galaxy A Mini
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat

Photograph



Appendix 77

Equipment 78

Description	Rotor - 70.ITI x2 for ultracentrifugation
Location	1st fl, 1st Eq bay cooled cabinet
Make	Beckman coulter
Model	70.ITI
Serial No	5E 1541 & 10E 1120
Approx cost (if known)	
Assigned to - (Member of Staff)	Core

Photograph



Appendix 78

Equipment 79

Description	Rotor 50.2TI x2 for ultracentrifugation
Location	1st fl, 1st Eq bay cooled cabinet
Make	Beckman Coulter
Model	50.2TI
Serial No	10E 843 & 02U 3536
Approx cost (if known)	
Assigned to - (Member of Staff)	Core

Photograph



MIB Equipment Inventory

Appendix 79	
Equipment 80	
Description	Rotor 45TI for ultracentrifugation
Location	1st fl, 1st Eq bay cooled cabinet
Make	Beckman Coulter
Model	45.TI
Serial No	08E 924
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 80</p>	
Equipment 81	
Description	Rotor VTI 50 for ultracentrifugation
Location	1st fl ,1st Eq bay cooled cabinet
Make	Beckman Coulter
Model	VTI 50
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 81</p>	
Equipment 82	
Description	Rotor VTI 65 for ultracentrifugation

MIB Equipment Inventory

Location	1st fl, 1st Eq bay cooled cabinet
Make	Beckman Coulter
Model	VTI 65
Serial No	E 14853
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 82</p>	
Equipment 83	
Description	Rotor SW 55Ti swing out for ultracentrifugation
Location	1st fl,1st Eq bay cooled cabinet
Make	Beckman Coulter
Model	SW 55Ti
Serial No	98E 1771
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 83</p>	
Equipment 84	
Description	Rotor SW 41 swing out for ultracentrifugation
Location	1st fl, 1st Eq bay cooled cabinet
Make	Beckman Coulter
Model	SW 41

MIB Equipment Inventory

Serial No	04 E 1208
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 84</p>	
Equipment 85	
Description	Balance Analytical
Location	1.046
Make	Ohaus
Model	Discovery
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	C Mills
Photograph	
 <p>Appendix 85</p>	
Equipment 86	
Description	Balance Top pan
Location	1.046
Make	Ohaus
Model	Pioneer
Serial No	
Approx cost (if known)	£800
Assigned to - (Member of Staff)	C Mills

Photograph	
 <p>Appendix 86</p>	
Equipment 87	
Description	Balance Analytical
Location	1.045
Make	Ohaus
Model	Voyager Pro
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Bayat
Photograph	
 <p>Appendix 87</p>	
Equipment 88	
Description	Balance Analytical
Location	1.044
Make	Ohaus
Model	Pioneer
Serial No	
Approx cost (if known)	£800
Assigned to - (Member of Staff)	Terry Brown
Photograph	



Appendix 88

Equipment 89

Description	Balance Analytical
Location	1.044
Make	Denver Instruments
Model	SI-64
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	Terry Brown

Photograph



Appendix 89

Equipment 90

Description	Balance Top pan
Location	1.042
Make	AE Adam
Model	PGW 253e
Serial No	
Approx cost (if known)	£750
Assigned to - (Member of Staff)	N Goddard

Photograph



MIB Equipment Inventory

Appendix 90	
Equipment 91	
Description	Incubator
Location	1.043
Make	Stuart
Model	orbital S1500
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	P da Silva Bartolo
Photograph	
 <p>Appendix 91</p>	
Equipment 92	
Description	Balance - analytical
Location	1.043
Make	VWR
Model	
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	P da Silva Bartolo
Photograph	
 <p>Appendix 92</p>	
Equipment 93	
Description	Evaporator - Rotary

MIB Equipment Inventory

Location	1.043
Make	BUCHI
Model	R-3
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P da Silva Bartolo
Photograph	
 <p>Appendix 93</p>	
Equipment 94	
Description	Electrospinning Instrument
Location	1.043
Make	Spray base
Model	BLFM6200-A
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P da Silva Bartolo
Photograph	
 <p>Appendix 94</p>	
Equipment 95	
Description	PCR Workstation
Location	1.043
Make	LABCAIRE
Model	PCR Workstation

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 95</p>	
Equipment 96	
Description	PCR - Thermal Cycller
Location	1.044
Make	TECHNE
Model	3Prime
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 96</p>	
Equipment 97	
Description	PCR -Thermal Cycller
Location	1.044
Make	TECHNE
Model	TC-512
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	Terry Brown

Photograph	
 <p>Appendix 97</p>	
Equipment 98	
Description	PCR Workstation - UV HEPA
Location	1.044
Make	UVP
Model	PCR Workstation - UV HEPA
Serial No	
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	Terry Brown
Photograph	
 <p>Appendix 98</p>	
Equipment 99	
Description	Incubator - CO2
Location	1st Fl, 3rd Eq Bay
Make	Binder
Model	
Serial No	14 13963
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	P da Silva Bartolo
Photograph	



Appendix 99

Equipment 100

Description	Bioplotter - 3D
Location	1.057
Make	envision tec
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P da Silva Bartolo

Photograph



Appendix 100

Equipment 101

Description	3D Printer
Location	1.057
Make	regen HU
Model	Discovery 30
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	P da Silva Bartolo

Photograph



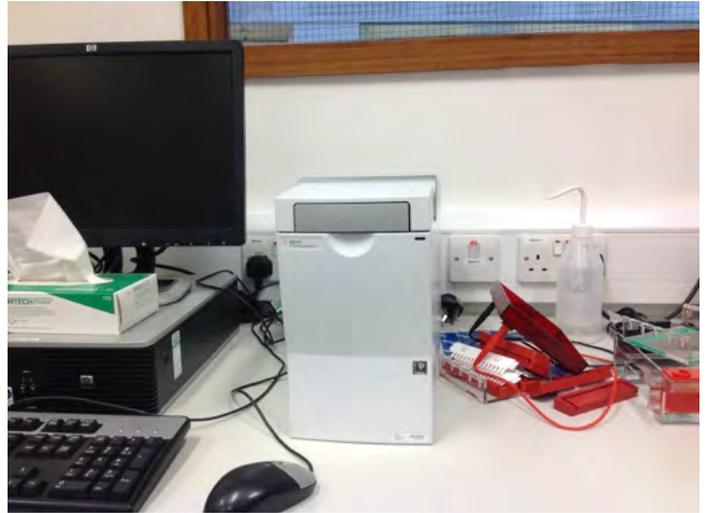
MIB Equipment Inventory

Appendix 101	
Equipment 102	
Description	Balance - analytical
Location	1.052
Make	Sartorius
Model	TE 1245
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	A Miller
Photograph	
 <p>Appendix 102</p>	
Equipment 103	
Description	Balance - Analytical
Location	1.052
Make	METTLER TOLEDO
Model	AB54-S
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	A Miller
Photograph	

Images



Appendix 1



Appendix 2



Appendix 3



Appendix 4



Appendix 5

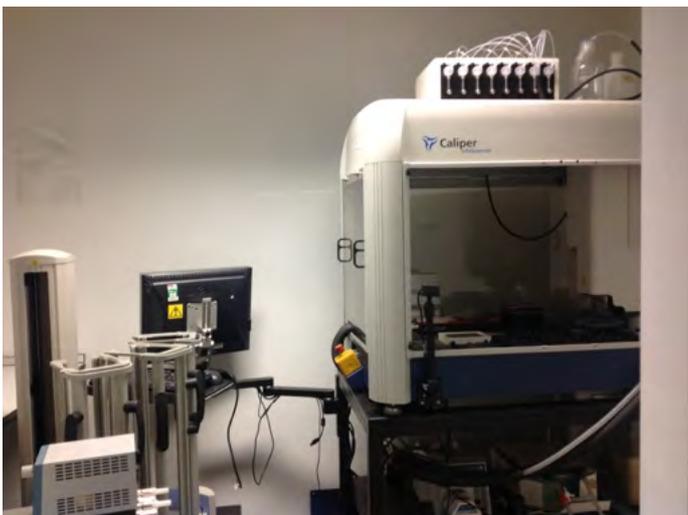


Appendix 6



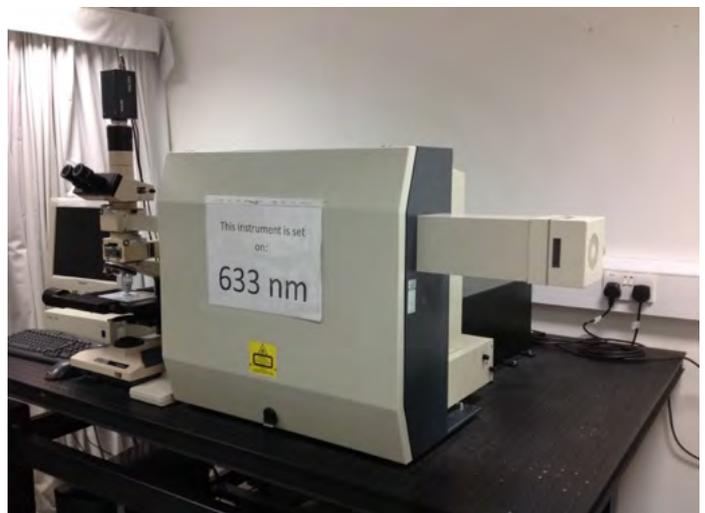
Appendix 7

Appendix 8



Appendix 9

Appendix 10



Appendix 11

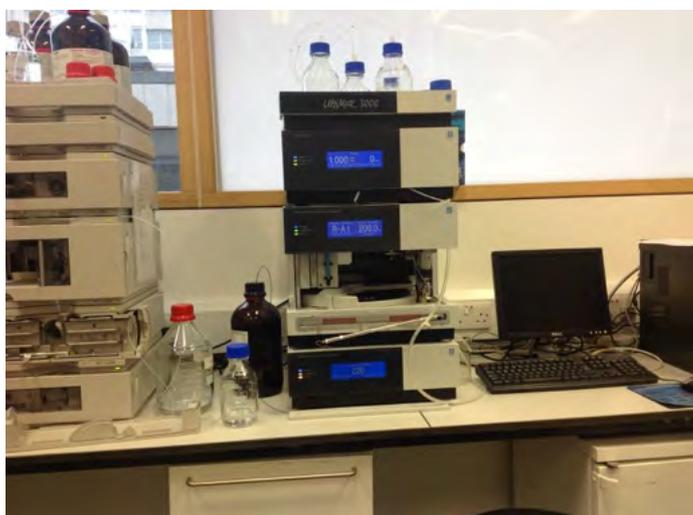
Appendix 12



Appendix 13



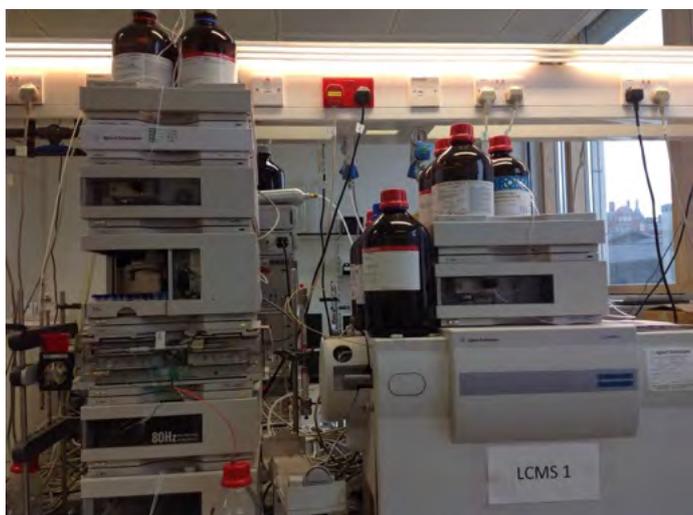
Appendix 14



Appendix 15



Appendix 16



Appendix 17



Appendix 18



Appendix 19



Appendix 20



Appendix 21



Appendix 22



Appendix 23



Appendix 24



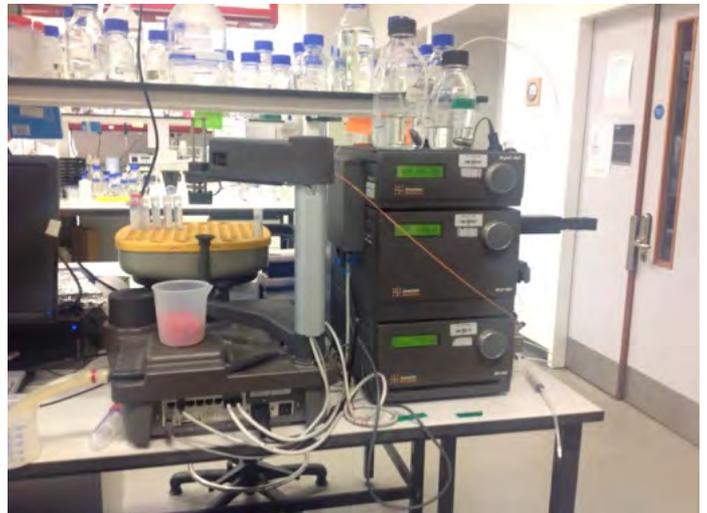
Appendix 25



Appendix 26



Appendix 27



Appendix 28



Appendix 29



Appendix 30



Appendix 31



Appendix 32



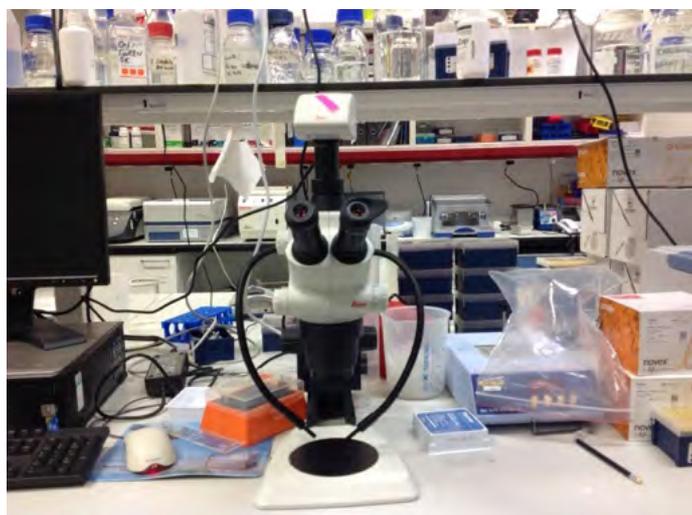
Appendix 33



Appendix 34



Appendix 35



Appendix 36



Appendix 37



Appendix 38



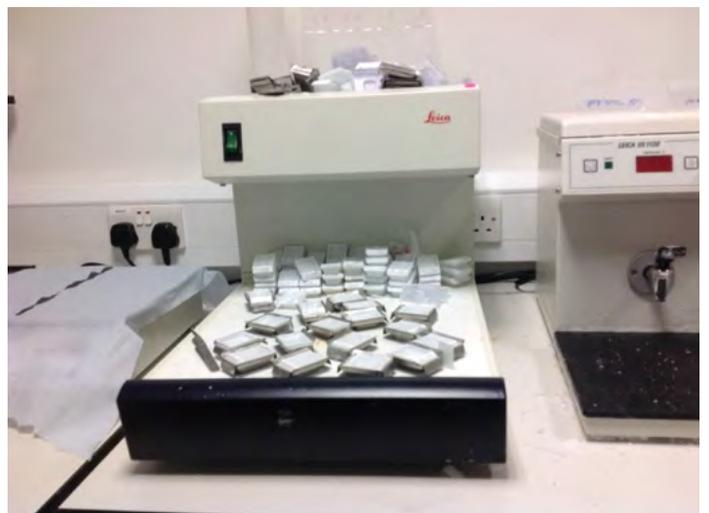
Appendix 39



Appendix 40



Appendix 41



Appendix 42



Appendix 43



Appendix 44



Appendix 45



Appendix 46



Appendix 47



Appendix 48



Appendix 49



Appendix 50



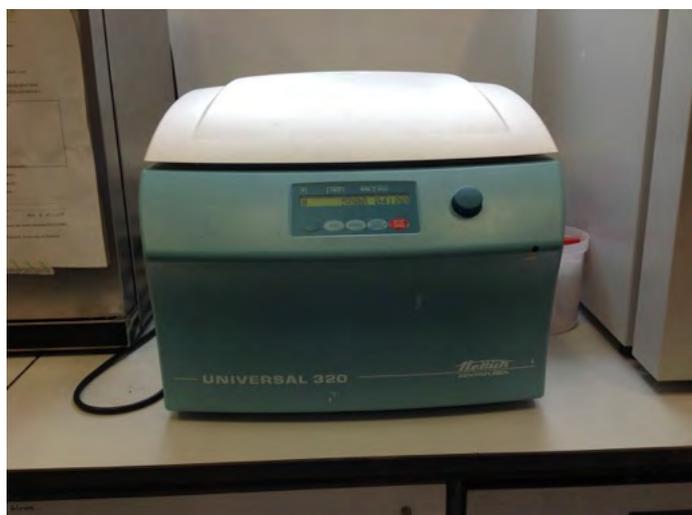
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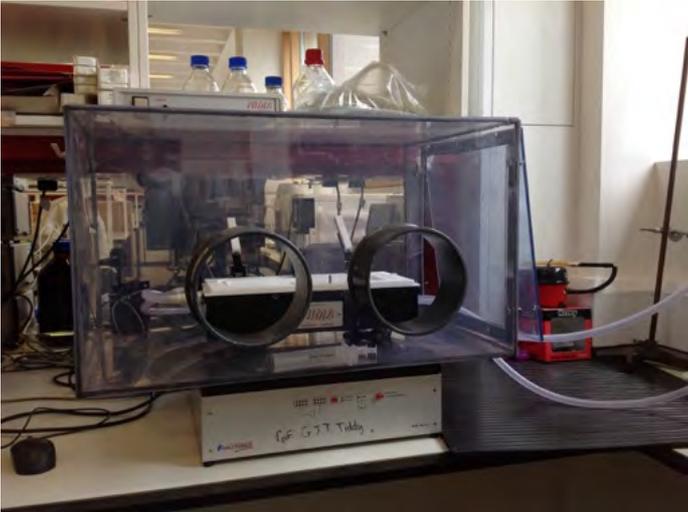
Appendix 52



Appendix 53



Appendix 54



Appendix 55



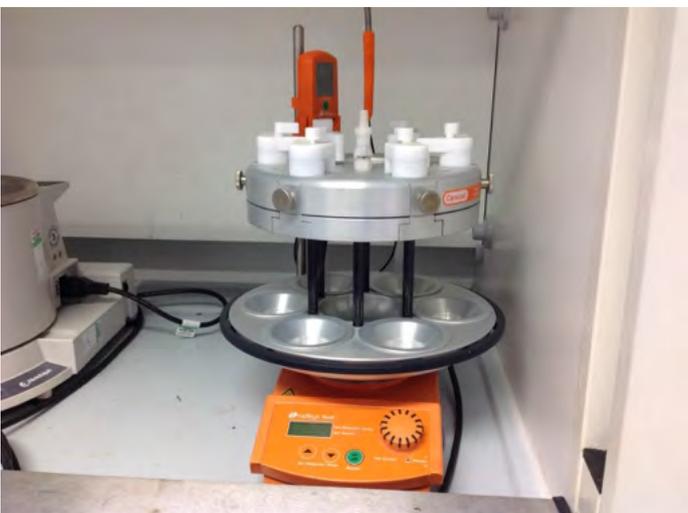
Appendix 56



Appendix 57



Appendix 58



Appendix 59



Appendix 60



Appendix 61



Appendix 62



Appendix 63



Appendix 64



Appendix 65



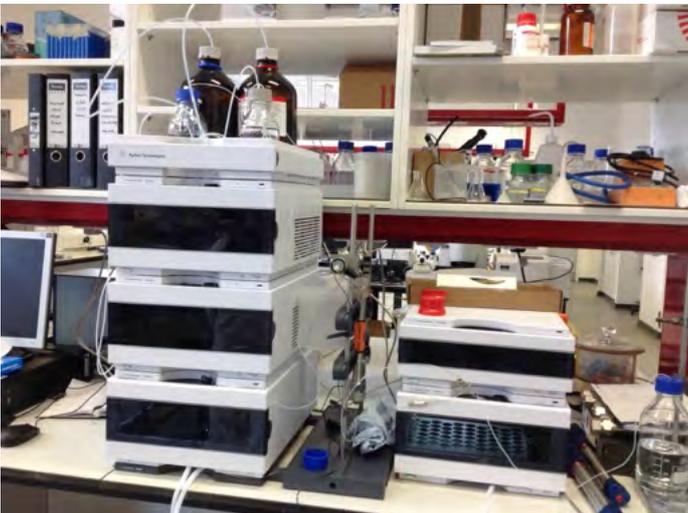
Appendix 66



Appendix 67



Appendix 68



Appendix 69



Appendix 70



Appendix 71



Appendix 72



Appendix 73



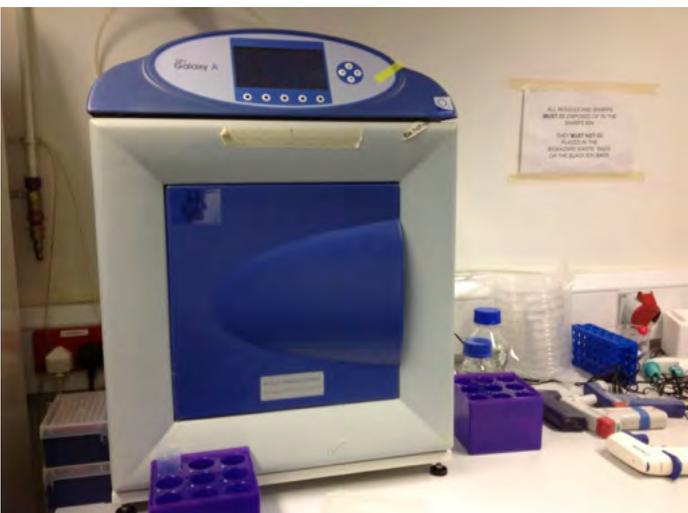
Appendix 74



Appendix 75



Appendix 76



Appendix 77



Appendix 78



Appendix 79



Appendix 80



Appendix 81



Appendix 82



Appendix 83



Appendix 84



Appendix 85



Appendix 86



Appendix 87



Appendix 88



Appendix 89



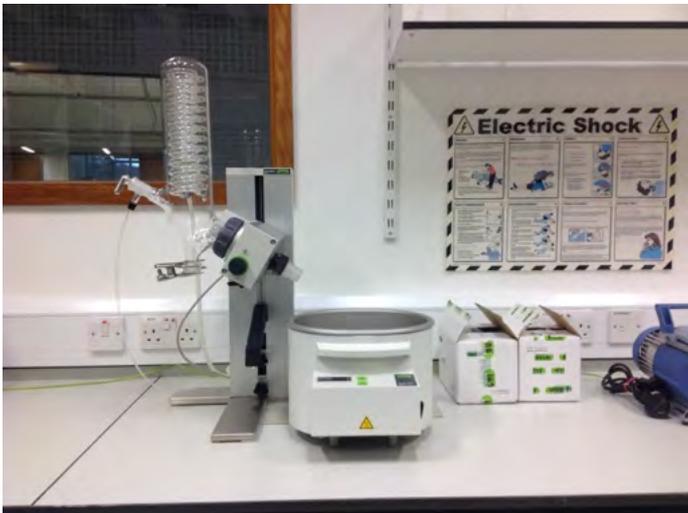
Appendix 90



Appendix 91



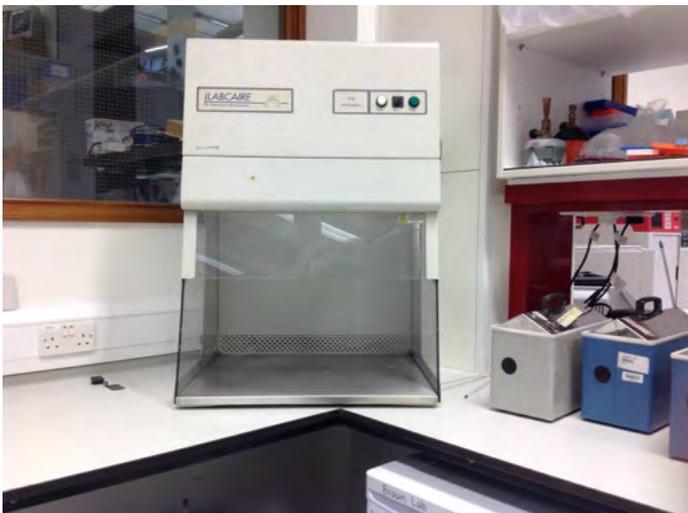
Appendix 92



Appendix 93



Appendix 94



Appendix 95



Appendix 96



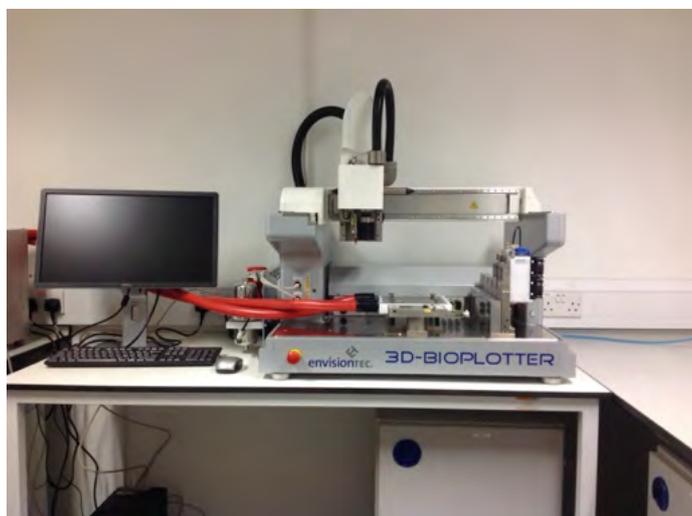
Appendix 97



Appendix 98



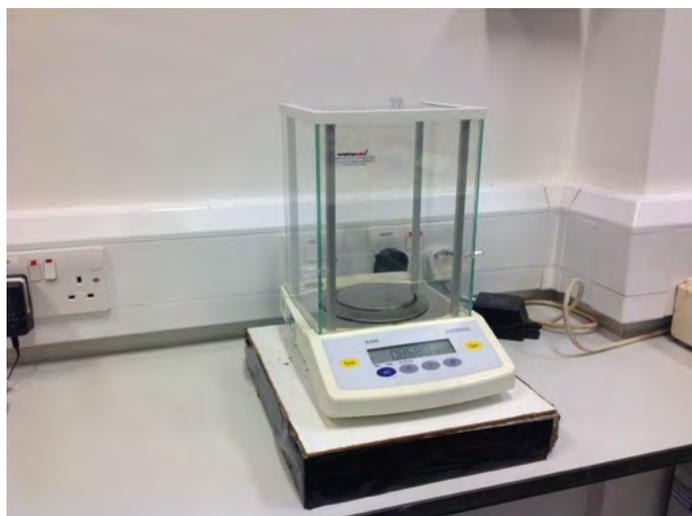
Appendix 99



Appendix 100



Appendix 101



Appendix 102

Second Floor Laboratories

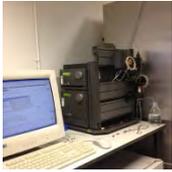
Details

Equipment 1	
Description	Plate Reader (micro)
Location	2.041
Make	BioTek
Model	Synergy HT
Serial No	
Approx cost (if known)	£12k
Assigned to - (Member of Staff)	Lu Shin Wong
Photograph	
 <p>Appendix 1</p>	
Equipment 2	
Description	PCR (real time)
Location	2.039
Make	Bio Rad
Model	CFX Connect
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	E Takano
Photograph	
	

MIB Equipment Inventory

Appendix 2	
Equipment 3	
Description	centrifuge
Location	2nd fl, 3rd Eq bay
Make	Sovall
Model	discovery M150 SE
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	F Hayes
Photograph	
	
Appendix 3	
Equipment 4	
Description	centrifuge
Location	2nd fl, 3rd Eq bay
Make	Beckman coulter
Model	Avanti J 26S XP
Serial No	JSS14E02
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	Core
Photograph	
	
Appendix 4	
Equipment 5	
Description	Freezer -80 (x2)

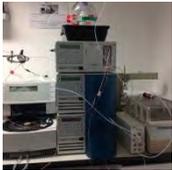
MIB Equipment Inventory

Location	2nd fl, 3rd Eq bay
Make	New Brunswick
Model	U410 (x2)
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	F Hayes & E Takano
Photograph	
 <p>Appendix 5</p>	
Equipment 6	
Description	AKTA FPLC
Location	2nd fl, 3rd Eq bay
Make	Amersham Pharmacia
Model	AKTA FPLC
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	F Hayes
Photograph	
 <p>Appendix 6</p>	
Equipment 7	
Description	Incubator Shaker (x2)
Location	2nd fl, 3rd Eq bay
Make	New Brunswick Scientific
Model	I 26E

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£5k each
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 7</p>	
Equipment 8	
Description	Incubator Shaker (x2)
Location	2nd fl 3 Eq bay
Make	HT INFORS
Model	Unitron
Serial No	
Approx cost (if known)	£5k each
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 8</p>	
Equipment 9	
Description	HPLC (preparative) with fraction collector and Diode Array detector
Location	2.053
Make	Varian
Model	Pro Star
Serial No	
Approx cost (if known)	

MIB Equipment Inventory

Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 9</p>	
Equipment 10	
Description	HPLC (semi preparative) with fraction collector auto sampler and UV detector
Location	2.053
Make	Varian
Model	Pro Star
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 10</p>	
Equipment 11	
Description	HPLC Analytical UHPLC with Diode array detector
Location	2.053
Make	SHIMADZU
Model	UFLC XR
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	



Appendix 11

Equipment 12

Description	HPLC Analytical with fraction collector and diode array detector
Location	2.053
Make	Agilent
Model	1260 Infinity
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield

Photograph



Appendix 12

Equipment 13

Description	Film Processor
Location	2.052
Make	Image works
Model	Image works
Serial No	30020
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	Core

Photograph



MIB Equipment Inventory

Appendix 13	
Equipment 14	
Description	Gel doc
Location	2.052
Make	Bio Rad
Model	Gel Doc 1000
Serial No	465 BR 1232
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 14</p>	
Equipment 15	
Description	Imaging System (Transilluminator)
Location	2.052
Make	UVP
Model	VisiDoc -IT imaging system
Serial No	B031011-001
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 15</p>	
Equipment 16	
Description	Centrifuge

MIB Equipment Inventory

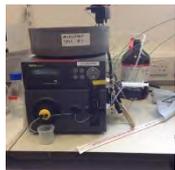
Location	2nd fl, 3rd Eq bay
Make	Sigma
Model	4K 15
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 16</p>	
Equipment 17	
Description	Centrifuge
Location	2nd fl, 3rd Eq bay
Make	Eppendorf
Model	5810R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Lu Shin Wong
Photograph	
 <p>Appendix 17</p>	
Equipment 18	
Description	Rotary Evaporator (x5)
Location	2.050
Make	Buchi
Model	R114

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£4k each (x5)
Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 18</p>	
Equipment 19	
Description	AKTA PURIFIER
Location	2.049
Make	GE Health Care
Model	AKTA Purifier
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 19</p>	
Equipment 20	
Description	Plate reader (micro)
Location	2.049
Make	BioTek
Model	Synergy HT
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield

MIB Equipment Inventory

Photograph	
 <p>Appendix 20</p>	
Equipment 21	
Description	Spectrophotometer Nano Drop
Location	2.049
Make	Thermo Scientific
Model	Nano Drop 2000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 21</p>	
Equipment 22	
Description	AKTA prime
Location	2.049
Make	Amersham Pharmacia biotech
Model	AKTA prime
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	



Appendix 22

Equipment 23

Description	Evaporator
Location	2nd Fl, 2nd Eq Bay
Make	GeneVac
Model	EZ-2 Elite
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	Lu Shin Wong

Photograph



Appendix 23

Equipment 24

Description	Freezer -80
Location	2nd Fl, 2nd Eq Bay
Make	New Brunswick Scientific
Model	U535 Innova
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	D Kell

Photograph



MIB Equipment Inventory

Appendix 24	
Equipment 25	
Description	Freezer -80
Location	2nd fl, 2 nd Eq Bay
Make	New Brunswick Scientific
Model	U570
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 25</p>	
Equipment 26	
Description	Sonicator
Location	2nd fl 2 nd Eq Bay
Make	Bandelin
Model	Bandelin
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 26</p>	
Equipment 27	
Description	Incubator Shaker (x2)

MIB Equipment Inventory

Location	2nd fl, 2nd Eq Bay
Make	Labnet
Model	311DS (x2)
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 27</p>	
Equipment 28	
Description	Spectrophotometer
Location	2nd fl, 2nd Eq Bay
Make	Beckman
Model	DU 640B
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 28</p>	
Equipment 29	
Description	Autoclave
Location	2nd fl, 2nd Eq Bay
Make	Boxer
Model	Bench Top

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 29</p>	
Equipment 30	
Description	Centrifuge
Location	2nd fl, 2nd Eq Bay
Make	Beckman
Model	CS-15R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 30</p>	
Equipment 31	
Description	Centrifuge
Location	2nd fl, 2nd Eq Bay
Make	Eppendorf
Model	5810 R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core

MIB Equipment Inventory

Photograph	
	
Appendix 31	
Equipment 32	
Description	Laminar Flow
Location	2nd fl, 2nd Eq Bay
Make	Faster 8
Model	Faster 8
Serial No	Bio 48m1339
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
	
Appendix 32	
Equipment 33	
Description	Centrifuge
Location	2.049
Make	Eppendorf
Model	5804 R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	



Appendix 33

Equipment 34

Description	Capillary Electrophoresis System
Location	2.058
Make	Beckman Coulter
Model	P/ACE Capillary Electrophoresis System
Serial No	
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



Appendix 34

Equipment 35

Description	Surface Plasmon resonance (Biocore)
Location	2.058
Make	GE Health Care
Model	3,000
Serial No	CH3073
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



MIB Equipment Inventory

Appendix 35	
Equipment 36	
Description	Light Scattering Detector
Location	2.058
Make	Malvern Instruments
Model	Malvern Zetasizer Nano S
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	F Hayes
Photograph	
 <p>Appendix 36</p>	
Equipment 37	
Description	Spectrophotometer
Location	2.058
Make	VWR
Model	UV-1600 PC
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 37</p>	
Equipment 38	
Description	Surface Plasmon resonance

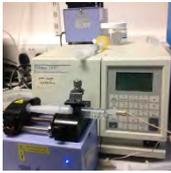
MIB Equipment Inventory

Location	2.058
Make	Biosensing instruments
Model	Biosensing instruments
Serial No	
Approx cost (if known)	£20k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 38</p>	
Equipment 39	
Description	PCR real time (lightcycler)
Location	2.058
Make	Roche
Model	lightcycler 480
Serial No	FR1194
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 39</p>	
Equipment 40	
Description	Robot (plate array)
Location	2.058
Make	genetix
Model	genetix Qarray mini

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Lu Shin Wong
Photograph	
 <p>Appendix 40</p>	
Equipment 41	
Description	light scattering detectors (static & dynamic with automated syringe delivery)
Location	2.058
Make	Wyatt technology
Model	calypso 2
Serial No	
Approx cost (if known)	£83k
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 41</p>	
Equipment 42	
Description	UV detector
Location	2.058
Make	Waters
Model	Waters 2478 dual absorbance detector
Serial No	
Approx cost (if known)	£6k

MIB Equipment Inventory

Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 42</p>	
Equipment 43	
Description	Light Scatter detector (static)
Location	2.058
Make	Wyatt Technology
Model	Dawn EOS
Serial No	
Approx cost (if known)	£60k
Assigned to - (Member of Staff)	R Curtis
Photograph	
 <p>Appendix 43</p>	
Equipment 44	
Description	Refractometer (differential)
Location	2.058
Make	Wyatt technology
Model	Optilab rex
Serial No	
Approx cost (if known)	£12k
Assigned to - (Member of Staff)	Robin Curtis
Photograph	



Appendix 44

Equipment 45

Description	Calorimeter (micro)
Location	2.058
Make	MicroCal Incorporated
Model	VP-ITC
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



Appendix 45

Equipment 46

Description	Calorimeter (micro)
Location	2.058
Make	MicroCal Incorporated
Model	iTC200
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



MIB Equipment Inventory

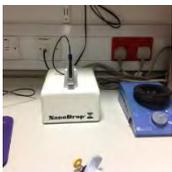
Appendix 46	
Equipment 47	
Description	Array Scanner (glass slide)
Location	2.060
Make	Affymetrix
Model	428 Array Scanner
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 47</p>	
Equipment 48	
Description	Array Scanner(micro glass slide)
Location	2.060
Make	INNOPSYS
Model	Innoscan 700
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 48</p>	
Equipment 49	
Description	wash station (chips)

MIB Equipment Inventory

Location	2.060
Make	Affymetrix
Model	GeneChip fluidics station
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 49</p>	
Equipment 50	
Description	scanner micro array (Gene Chip)
Location	2.060
Make	Affymetrix
Model	gene chip scanner 3000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 50</p>	
Equipment 51	
Description	Hybridisation oven (Gene chip)
Location	2.060
Make	Affymetrix
Model	Gene chip hybridisation oven 640

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 51</p>	
Equipment 52	
Description	Homogeniser (for frozen tissue)
Location	2.060
Make	B Braun Biotech International
Model	
Serial No	11728
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 52</p>	
Equipment 53	
Description	Bioanalyser
Location	2.060
Make	Agilent
Model	2100 Bioanalyser
Serial No	DE24802166
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Philip Day

Photograph	
 <p>Appendix 53</p>	
Equipment 54	
Description	Spectrophotometer Nano Drop (UV / Vis/ protein)
Location	2.060
Make	Nano Drop
Model	ND 1000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day
Photograph	
 <p>Appendix 54</p>	
Equipment 55	
Description	Bioanalyser
Location	2.060
Make	Agilent
Model	2100 Bioanalyser
Serial No	DE 54700905
Approx cost (if known)	
Assigned to - (Member of Staff)	Philip Day (MCISB)
Photograph	



Appendix 55

Equipment 56

Description	Freezer - 80
Location	2nd fl, 1st Eq bay
Make	New Brunswick Scientific
Model	U570
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	MCISB

Photograph



Appendix 56

Equipment 57

Description	Biological Safety Cabinet Class II
Location	2nd fl, 1st Eq bay
Make	Faster
Model	Faster
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	Core

Photograph



MIB Equipment Inventory

Appendix 57	
Equipment 58	
Description	Spectrophotometer (UV/Visible)
Location	2nd fl, 1st Eq bay
Make	Varian
Model	Cary 400 Scan
Serial No	EL01125081
Approx cost (if known)	
Assigned to - (Member of Staff)	J Micklefield
Photograph	
 <p>Appendix 58</p>	
Equipment 59	
Description	Incubator Shaker
Location	2nd fl 1st Eq bay
Make	New Brunswick Scientific
Model	Innova 42
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	sLoLa
Photograph	
 <p>Appendix 59</p>	
Equipment 60	
Description	Incubator Shaker

MIB Equipment Inventory

Location	2nd fl, 1st Eq bay
Make	Infors HT
Model	Unitron
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 60</p>	
Equipment 61	
Description	Centrifuge
Location	2nd fl, 1st Eq bay
Make	Heraeus Thermo Scientific
Model	Multifuge X3R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 61</p>	
Equipment 62	
Description	Ice Maker
Location	2nd fl, 1st Eq bay
Make	Scotsman
Model	FRIMONT

MIB Equipment Inventory

Serial No	MF 46 AS 230/50/1
Approx cost (if known)	
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 62</p>	
Equipment 63	
Description	Plate Reader (Enzyme Kinetics)
Location	2nd fl, 1st Eq bay
Make	BMG LABTECH
Model	Novostar
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 63</p>	
Equipment 64	
Description	Incubator Shaker (x2)
Location	2nd fl, 1st Eq bay
Make	New Brunswick Scientific
Model	I 26
Serial No	
Approx cost (if known)	£5k (each)
Assigned to - (Member of Staff)	Core

Photograph	
 <p>Appendix 64</p>	
Equipment 65	
Description	AKTA Explorer
Location	2nd fl, 1st Eq bay (chilled cabinet)
Make	Amersham Biosciences
Model	AKTA Explorer
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Kell (MCISB)
Photograph	
 <p>Appendix 65</p>	
Equipment 66	
Description	Chilled Cabinet
Location	2nd fl, 1st Eq bay
Make	Sanyo
Model	Labcool
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Kell (MCISB)
Photograph	



Appendix 66

Equipment 67

Description	Microscope
Location	2.048
Make	Leica
Model	DM2500 M
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	C Blanford

Photograph



Appendix 67

Equipment 68

Description	Quartz crystal microbalance (Measure Adsorption)
Location	2.048
Make	Q- Sense
Model	E1
Serial No	
Approx cost (if known)	£60k
Assigned to - (Member of Staff)	C Blanford

Photograph



MIB Equipment Inventory

Appendix 68	
Equipment 69	
Description	Potentiostat (electro chemistry) x3
Location	2.048
Make	IVium
Model	Compact state
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	C Blanford
Photograph	
 <p>Appendix 69</p>	
Equipment 70	
Description	Rotating disc electrode (electrochemistry)
Location	2.048
Make	Solartron
Model	
Serial No	
Approx cost (if known)	£10 K
Assigned to - (Member of Staff)	C Blanford
Photograph	
 <p>Appendix 70</p>	
Equipment 71	
Description	Spectrophotometer (UV/Vis)

MIB Equipment Inventory

Location	2.048
Make	Eppendorf
Model	BioSpectometer
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	sLoLa
Photograph	
 <p>Appendix 71</p>	
Equipment 72	
Description	PCR machine
Location	2.048
Make	Eppendorf
Model	mastercycler nexus GSX1
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	sLoLa
Photograph	
 <p>Appendix 72</p>	
Equipment 73	
Description	Cell Sorter (FACS)
Location	2.048
Make	Sony
Model	SH800

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£200k
Assigned to - (Member of Staff)	sLoLa
Photograph	
 <p>Appendix 73</p>	
Equipment 74	
Description	Plate reader (fluorescence/UV/Vis)
Location	2.048
Make	Tecan
Model	infinite M200 Pro
Serial No	
Approx cost (if known)	£30k
Assigned to - (Member of Staff)	sLoLa
Photograph	
 <p>Appendix 74</p>	
Equipment 75	
Description	Incubator Shaker (x2)
Location	2.048
Make	New Brunswick Scientific
Model	Innova 44
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	sLoLa

Photograph	
 <p>Appendix 75</p>	
Equipment 76	
Description	Flow Cytometer
Location	2.048
Make	Partec
Model	Cyflow space
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 76</p>	
Equipment 77	
Description	Nano Drop Spectrophotometer (DNA/RNA/protein)
Location	2.048
Make	Nano Drop
Model	ND - 1000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	

MIB Equipment Inventory

 <p>Appendix 77</p>	
Equipment 78	
Description	Spectrophotometer (cuvettes OD only)
Location	2.048
Make	Jasco
Model	V-630
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 78</p>	
Equipment 79	
Description	Cellometer (counts cells on chips)
Location	2.048
Make	Nexcelom
Model	Cellometer auto M10
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
	

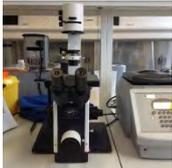
MIB Equipment Inventory

Appendix 79	
Equipment 80	
Description	Plate Reader (96 well)
Location	2.048
Make	BMG LABTECH
Model	Fluostar Omega
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 80</p>	
Equipment 81	
Description	Plate Reader (96 well)
Location	2.048
Make	BMG LABTECH
Model	POLARstar Omega
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 81</p>	
Equipment 82	
Description	Plate Reader (96 well) x 2

MIB Equipment Inventory

Location	2.048
Make	Anthos
Model	Zenyth 3100
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 82</p>	
Equipment 83	
Description	Cell Disrupter (mini bead beater)
Location	2.048
Make	Mini. bead beater
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	H Westerhoff
Photograph	
 <p>Appendix 83</p>	
Equipment 84	
Description	Microscope (optical)
Location	2.047
Make	Optika
Model	

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core (Tissue culture)
Photograph	
 <p>Appendix 84</p>	
Equipment 85	
Description	Microscope (optical)
Location	2.047
Make	WPI(world precision instruments)
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Core (Tissue culture)
Photograph	
 <p>Appendix 85</p>	
Equipment 86	
Description	Ice maker
Location	2.042
Make	Porkka
Model	KF75
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	D Kell

Photograph	
 <p>Appendix 86</p>	
Equipment 87	
Description	Freezer - 80 (x4)
Location	2.042
Make	New Brunswick Scientific
Model	U570, U410, U535
Serial No	
Approx cost (if known)	£5k each (x4)
Assigned to - (Member of Staff)	D Kell
Photograph	
 <p>Appendix 87</p>	
Equipment 88	
Description	Spectrometer Raman Delta Nu 200 A (x2)
Location	2.042
Make	delta Nu
Model	advantage 200A
Serial No	
Approx cost (if known)	£15k (each)
Assigned to - (Member of Staff)	R Goodacre
Photograph	



Appendix 88

Equipment 89

Description	Rotary Evaporator with trap
Location	2.042
Make	Thermo refrigerated Vapor Trap
Model	RVT4104
Serial No	
Approx cost (if known)	£4K
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 89

Equipment 90

Description	UPLC (connected to Orbitrap)
Location	2.042
Make	Waters
Model	Acquity
Serial No	
Approx cost (if known)	£25K
Assigned to - (Member of Staff)	R Goodacre

Photograph



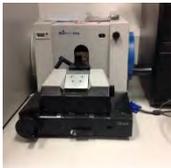
MIB Equipment Inventory

Appendix 90	
Equipment 91	
Description	Mass Spectrophotometer Orbitrap (LTQ XL Orbitrap)
Location	2.042
Make	Thermo
Model	LTQ XL
Serial No	
Approx cost (if known)	£350k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 91</p>	
Equipment 92	
Description	Rotary Evaporator with trap (room temperature)
Location	2.042
Make	Heto
Model	Heto vacuum centrifuge and trap
Serial No	
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	D Kell
Photograph	
 <p>Appendix 92</p>	
Equipment 93	
Description	Cell buster Puluverisette

MIB Equipment Inventory

Location	2.042
Make	Fritsch
Model	Puluverisette 6
Serial No	
Approx cost (if known)	£4.5k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 93</p>	
Equipment 94	
Description	Homogeniser
Location	2.042
Make	Retsch
Model	MM200
Serial No	
Approx cost (if known)	£4.8k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 94</p>	
Equipment 95	
Description	microtome (rotary)
Location	2.042
Make	Reichert - Jung
Model	Biocut

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 95</p>	
Equipment 96	
Description	Rotary Evaporator BSCconcentrator (x2)
Location	2.042
Make	Eppendorf
Model	Concentrator 5301
Serial No	
Approx cost (if known)	£1.5k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 96</p>	
Equipment 97	
Description	Centrifuge
Location	2.042
Make	Jouan
Model	CR322
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	D Kell

Photograph	
 <p>Appendix 97</p>	
Equipment 98	
Description	Sonicator
Location	2.042
Make	Misonix Incorporated
Model	Sonicator ultrasonic processor XL
Serial No	
Approx cost (if known)	£1.5k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 98</p>	
Equipment 99	
Description	BSC
Location	2.043
Make	LABCAIRE
Model	
Serial No	
Approx cost (if known)	£12k
Assigned to - (Member of Staff)	R Goodacre
Photograph	



Appendix 99

Equipment 100

Description	Imaging - Gel Doc
Location	2.043
Make	Bio imaging System
Model	Gene Genius
Serial No	
Approx cost (if known)	£7.5k
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 100

Equipment 101

Description	Haemocytometer (measures blood)
Location	2.043
Make	Sysmex
Model	XS-1000i
Serial No	
Approx cost (if known)	£23k
Assigned to - (Member of Staff)	D Kell

Photograph



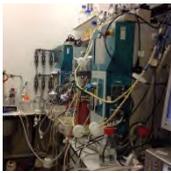
MIB Equipment Inventory

Appendix 101	
Equipment 102	
Description	Mass Spectrophotometer GC (Thermal desorber, GC oven, GTC Premier Mass spac)
Location	1.043
Make	Marks international, Agilent, Waters
Model	unity, 6890N, GTC Premier
Serial No	6890N US10524009
Approx cost (if known)	£180k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 102</p>	
Equipment 103	
Description	BioScreen (reader for cell OD) (x3)
Location	1.043
Make	Thermo
Model	BioScreen C
Serial No	
Approx cost (if known)	£20k each
Assigned to - (Member of Staff)	D Kell
Photograph	
 <p>Appendix 103</p>	
Equipment 104	
Description	GC oven

MIB Equipment Inventory

Location	1.043
Make	Agilent
Model	6890N
Serial No	US 10506038
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 104</p>	
Equipment 105	
Description	Nitrogen Generator
Location	1.043
Make	Peak Scientific
Model	
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 105</p>	
Equipment 106	
Description	Mass Spectrometry (UPLC with LTC premier)
Location	1.043
Make	Waters
Model	HPLC Acquity, LTC premier

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£140k
Assigned to - (Member of Staff)	R Goodacre
Photograph	
 <p>Appendix 106</p>	
Equipment 107	
Description	Fermentor (x2)
Location	2.052
Make	applikon
Model	EZ- Control
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	D Kell (MCISB)
Photograph	
 <p>Appendix 107</p>	
Equipment 108	
Description	Spectrophotometer (UV/Visible) (x2)
Location	2.062a
Make	Thermo
Model	Evolution 220
Serial No	
Approx cost (if known)	£7k each
Assigned to - (Member of Staff)	R Goodacre

MIB Equipment Inventory

Photograph	
	
Appendix 108	
Equipment 109	
Description	Incubator Shaker(x2)
Location	2.062a
Make	HT INFORS
Model	Unitron
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Goodacre
Photograph	
	
Appendix 109	
Equipment 110	
Description	BSC (Class II)
Location	2.062a
Make	Walkers
Model	
Serial No	WSC1530B
Approx cost (if known)	£6K
Assigned to - (Member of Staff)	Core
Photograph	



Appendix 110

Equipment 111

Description	Incubator Shaker
Location	2.062b
Make	HT INFORS
Model	Minitron
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	R Goodacre

Photograph



Appendix 111

Equipment 112

Description	Incubator Shaker
Location	2.062b
Make	HT INFORS
Model	Unitron and Multitron
Serial No	
Approx cost (if known)	£5k (each)
Assigned to - (Member of Staff)	J Micklefield

Photograph



MIB Equipment Inventory

Appendix 112	
Equipment 113	
Description	BSC (Class II)
Location	2.062b
Make	Walkers
Model	
Serial No	WSC1530A
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 113</p>	
Equipment 114	
Description	BSC (Class II) (x4)
Location	2.047
Make	MachAire
Model	
Serial No	
Approx cost (if known)	£8k (each)
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 114</p>	
Equipment 115	
Description	Incubator CO2 (x2)

MIB Equipment Inventory

Location	2.047
Make	New Brunswick
Model	Galaxy 170 S
Serial No	
Approx cost (if known)	£4k (each)
Assigned to - (Member of Staff)	Core
Photograph	
 <p>Appendix 115</p>	

Images



Appendix 1



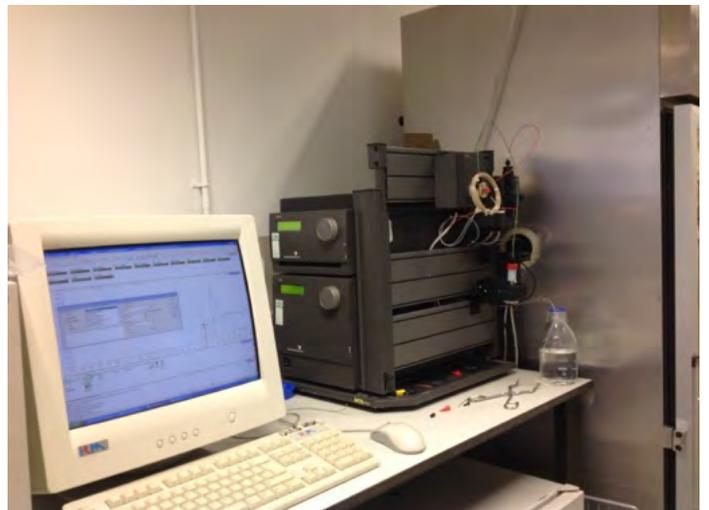
Appendix 2



Appendix 3



Appendix 4



Appendix 5



Appendix 6



Appendix 7



Appendix 8



Appendix 9

Appendix 10



Appendix 11

Appendix 12



Appendix 13



Appendix 14



Appendix 15



Appendix 16



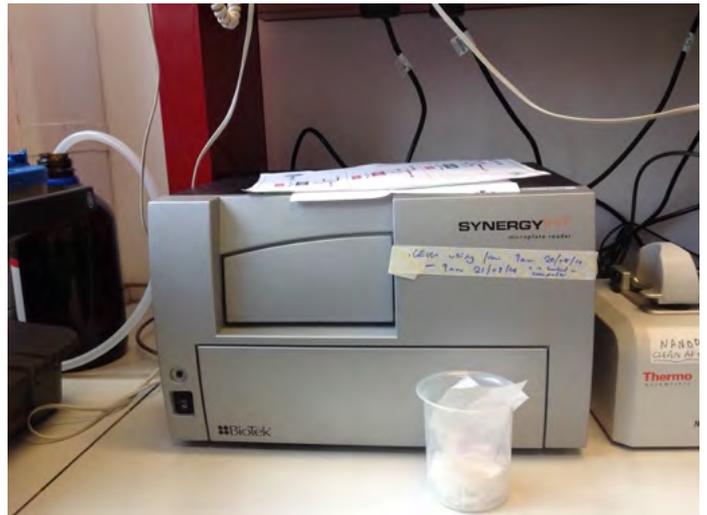
Appendix 17



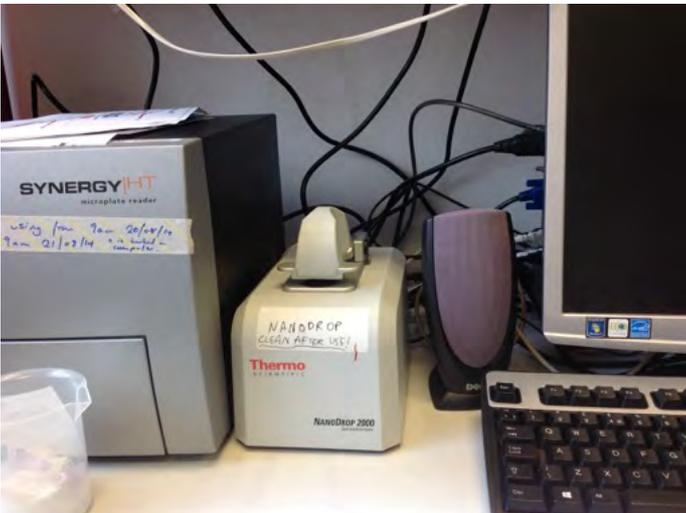
Appendix 18



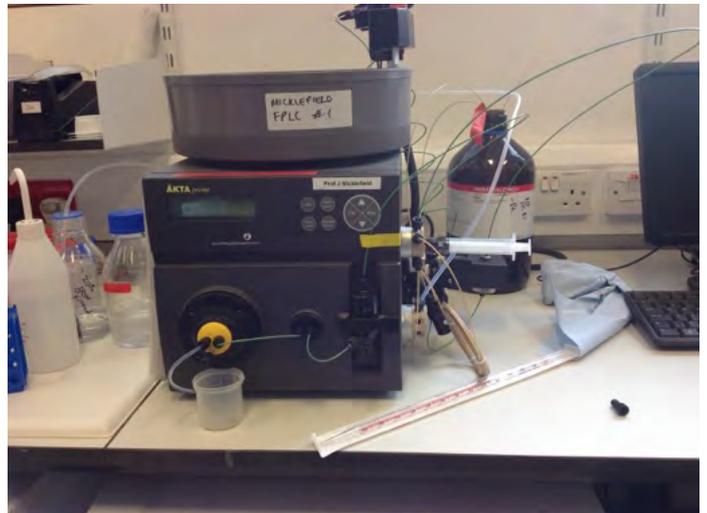
Appendix 19



Appendix 20



Appendix 21



Appendix 22



Appendix 23



Appendix 24

MIB Equipment Inventory



Appendix 25



Appendix 26



Appendix 27



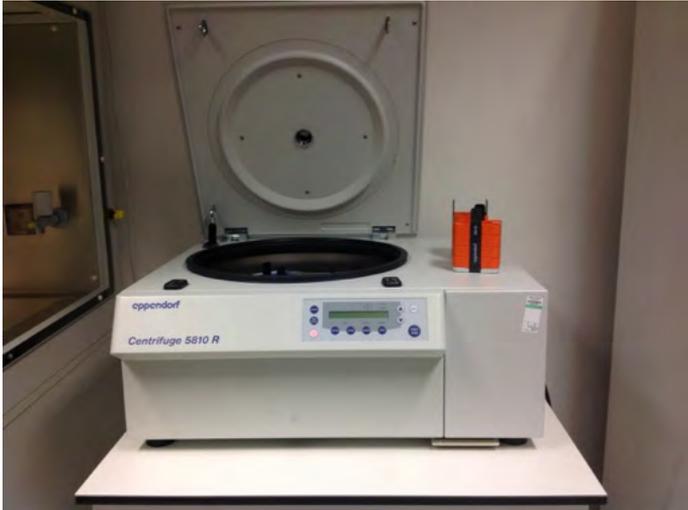
Appendix 28



Appendix 29



Appendix 30



Appendix 31



Appendix 32



Appendix 33



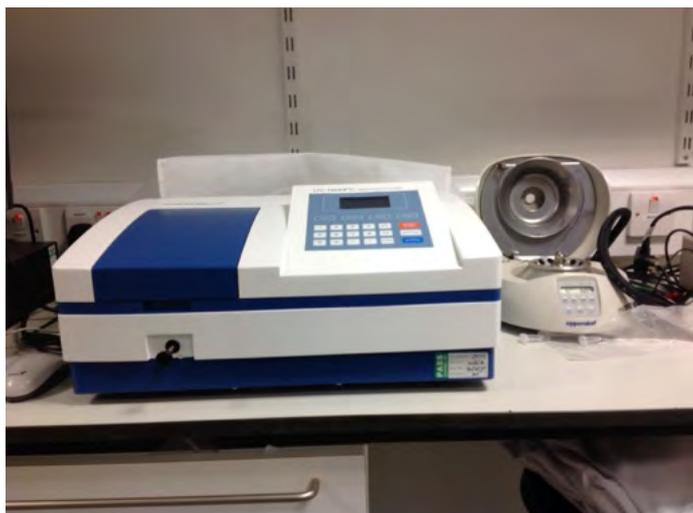
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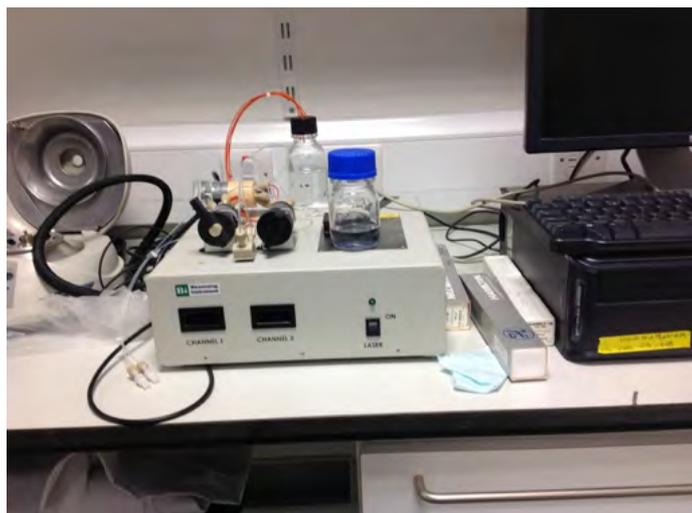
Appendix 35



Appendix 36



Appendix 37



Appendix 38



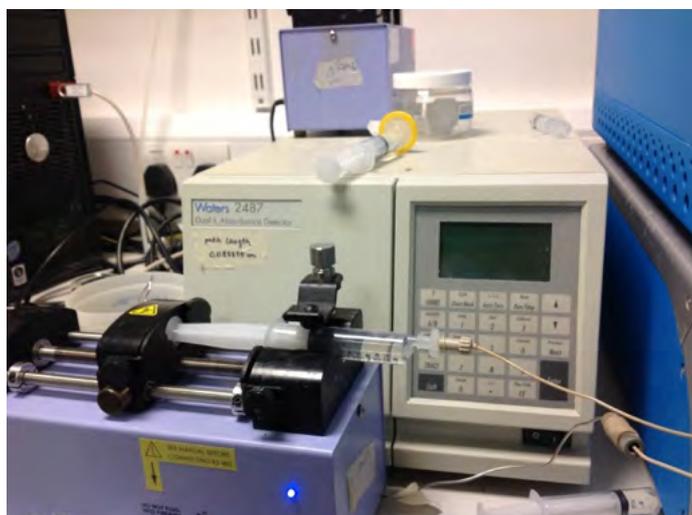
Appendix 39



Appendix 40



Appendix 41



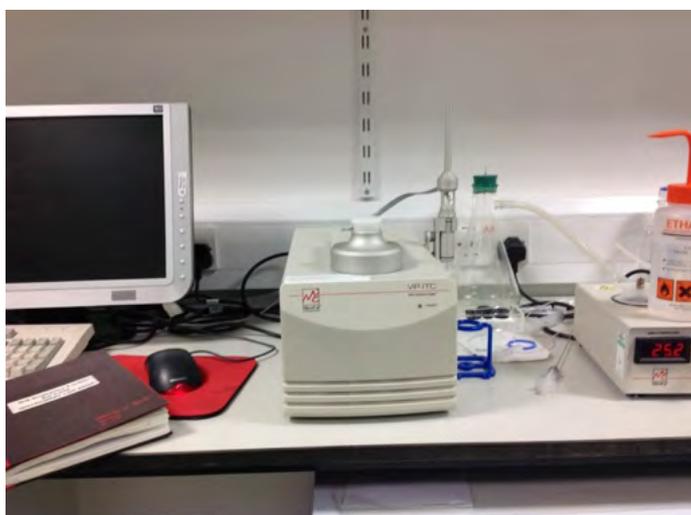
Appendix 42



Appendix 43



Appendix 44



Appendix 45



Appendix 46



Appendix 47



Appendix 48



Appendix 49



Appendix 50



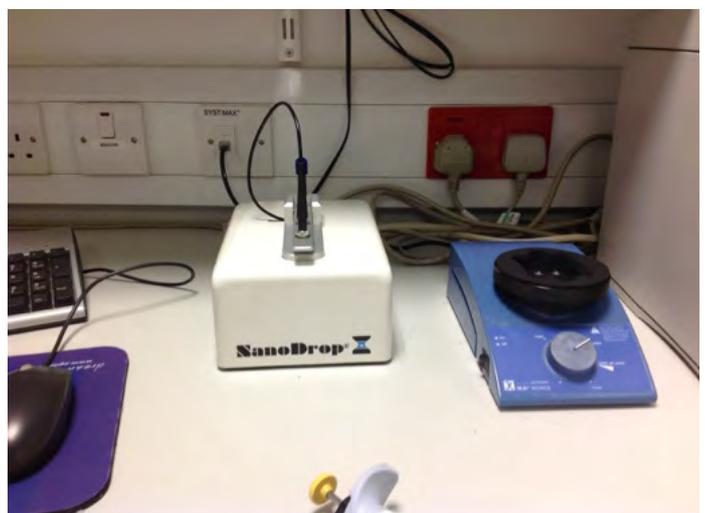
Appendix 51



Appendix 52



Appendix 53



Appendix 54



Appendix 55



Appendix 56



Appendix 57



Appendix 58



Appendix 59



Appendix 60



Appendix 61



Appendix 62



Appendix 63



Appendix 64



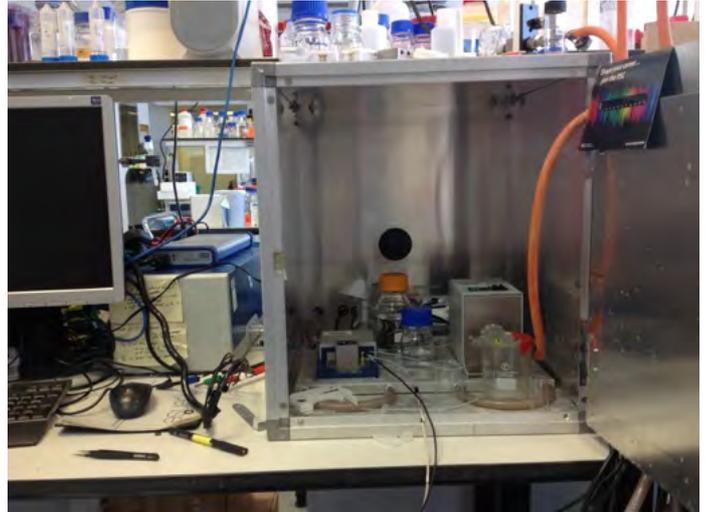
Appendix 65



Appendix 66



Appendix 67



Appendix 68



Appendix 69



Appendix 70



Appendix 71



Appendix 72



Appendix 73



Appendix 74



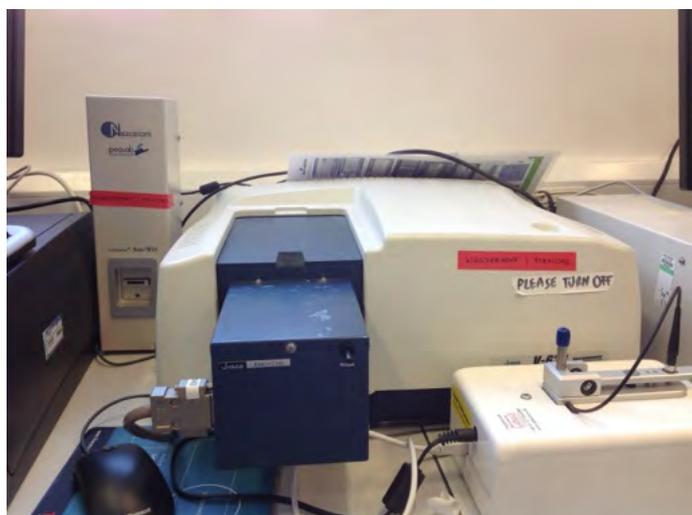
Appendix 75



Appendix 76



Appendix 77



Appendix 78



Appendix 79



Appendix 80



Appendix 81



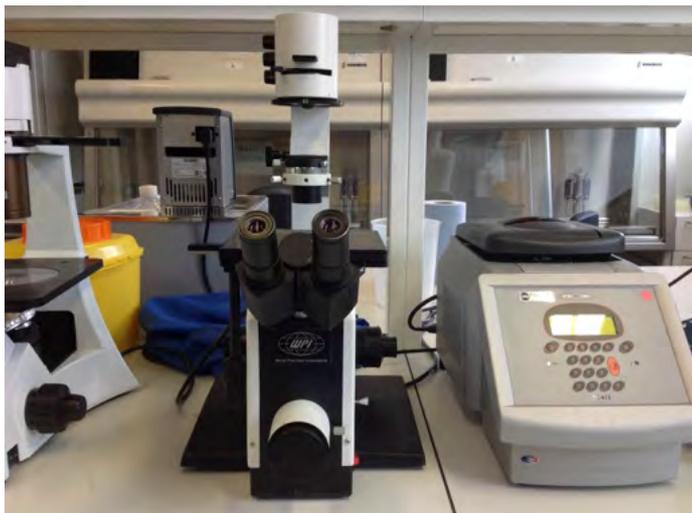
Appendix 82



Appendix 83



Appendix 84



Appendix 85



Appendix 86



Appendix 87



Appendix 88



Appendix 89



Appendix 90



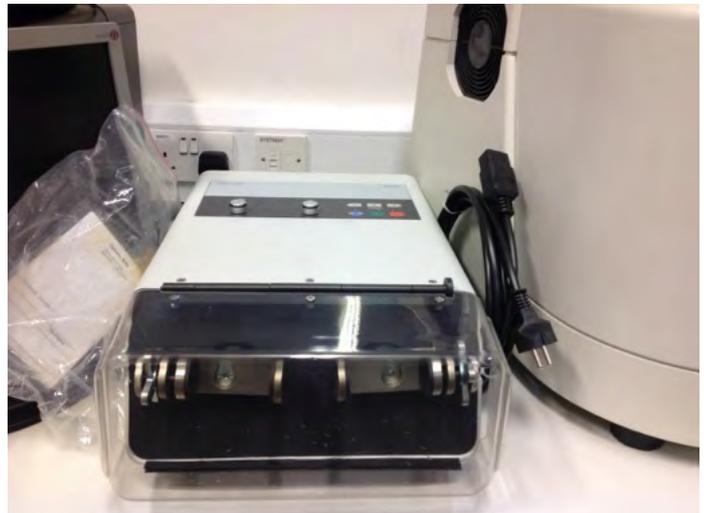
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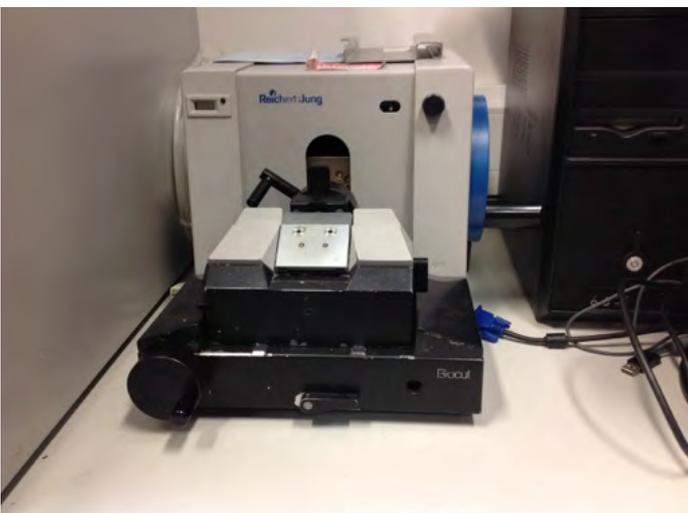
Appendix 92



Appendix 93



Appendix 94



Appendix 95



Appendix 96



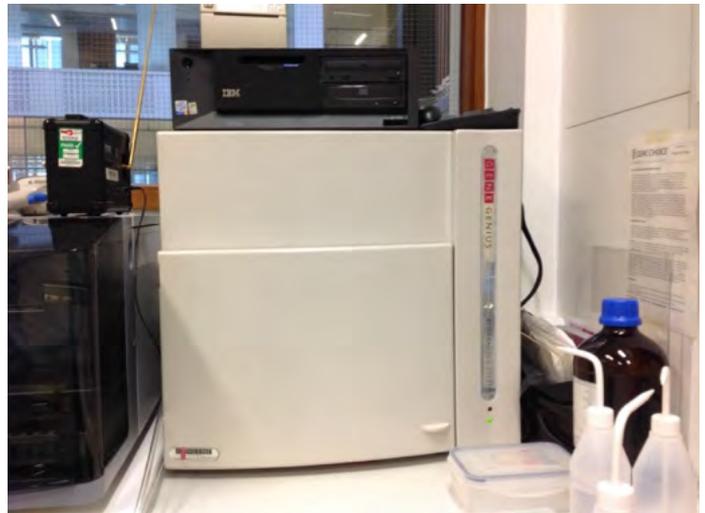
Appendix 97



Appendix 98



Appendix 99



Appendix 100



Appendix 101



Appendix 102



Appendix 103



Appendix 104



Appendix 105



Appendix 106



Appendix 107



Appendix 108



Appendix 109



Appendix 110



Appendix 111



Appendix 112



Appendix 113



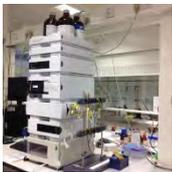
Appendix 114



Appendix 115

Third Floor Laboratories

Details

Equipment 1	
Description	HPLC
Location	3.037
Make	Agilent
Model	
Serial No	
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	N Turner
Photograph	
 Appendix 1	
Equipment 2	
Description	HPLC
Location	3.037
Make	Agilent
Model	
Serial No	
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	N Turner
Photograph	
	

MIB Equipment Inventory

Appendix 2	
Equipment 3	
Description	HPLC
Location	3.037
Make	Agilent
Model	
Serial No	
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 3</p>	
Equipment 4	
Description	HPLC
Location	3.037
Make	Agilent
Model	
Serial No	
Approx cost (if known)	£35k
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 4</p>	
Equipment 5	
Description	HPLC

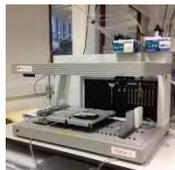
MIB Equipment Inventory

Location	3.037
Make	Agilent
Model	
Serial No	
Approx cost (if known)	£45K
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 5</p>	
Equipment 6	
Description	Freeze Dryer
Location	3.037
Make	Heto
Model	Power dry LL1500
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 6</p>	
Equipment 7	
Description	Balance (analytical)
Location	3.037
Make	Mettler Toledo
Model	AB 104

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 7</p>	
Equipment 8	
Description	Cooler - Cryocooler x2
Location	3.037
Make	Julabo
Model	FT901
Serial No	
Approx cost (if known)	£3k each
Assigned to - (Member of Staff)	N Tuner
Photograph	
 <p>Appendix 8</p>	
Equipment 9	
Description	Electrophoresis (capillary)
Location	3.037
Make	Agilent
Model	
Serial No	
Approx cost (if known)	£20k
Assigned to - (Member of Staff)	N Turner

Photograph	
 <p>Appendix 9</p>	
Equipment 10	
Description	Plate reader
Location	3.037
Make	BMG LABTECH
Model	FLUO star OPTIMA
Serial No	
Approx cost (if known)	£25K
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 10</p>	
Equipment 11	
Description	Robot - liquid handling (96 well plates)
Location	3.037
Make	TECAN
Model	Mini Prep 75
Serial No	
Approx cost (if known)	£45k
Assigned to - (Member of Staff)	N Turner
Photograph	



Appendix 11

Equipment 12

Description	Evaporator Gene Vac (resistant to wide range of chemicals)
Location	3.037
Make	Gene Vac
Model	EZ-2 plus (HCL resistant)
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	N Turner

Photograph



Appendix 12

Equipment 13

Description	Synthesiser - Protein Synthesis (microwave peptide synthesiser)
Location	3.037
Make	CEM
Model	Liberty
Serial No	
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	N Turner

Photograph



MIB Equipment Inventory

Appendix 13	
Equipment 14	
Description	Evaporator (BUCHI Rotovapor)
Location	3.037
Make	BUCHI
Model	R-114
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 14</p>	
Equipment 15	
Description	Microwave reactor
Location	3.037
Make	CEM
Model	Explorer & Discover
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 15</p>	
Equipment 16	
Description	Oven

MIB Equipment Inventory

Location	3.037
Make	Philip Harris
Model	
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 16</p>	
Equipment 17	
Description	Incubator x2
Location	3.052 (3rd fl, 3rd Eq bay)
Make	Binder
Model	
Serial No	
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 17</p>	
Equipment 18	
Description	Centrifuge x2
Location	3.052 (3rd fl, 3rd Eq bay)
Make	Eppendorf
Model	5810R

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£7k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 18</p>	
Equipment 19	
Description	Incubator (x2)
Location	3.052 (3rd fl, 3rd Eq bay)
Make	Heraeus
Model	
Serial No	
Approx cost (if known)	£3k (each)
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 19</p>	
Equipment 20	
Description	Shaker Incubators (x6)
Location	3.052 (3rd fl, 3rd Eq bay)
Make	INFORS
Model	Multitron
Serial No	
Approx cost (if known)	£8k (each)
Assigned to - (Member of Staff)	S Flitsch

Photograph	
 <p>Appendix 20</p>	
Equipment 21	
Description	Cooled cabinet
Location	3.052 (3rd fl, 3rd Eq bay)
Make	SANYO
Model	Labcool
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 21</p>	
Equipment 22	
Description	AKTA Pure with Fraction Collector
Location	3.052 (3rd fl, 3rd Eq bay)
Make	GE healthcare
Model	AKTA Pure
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	S Flitsch
Photograph	



Appendix 22

Equipment 23

Description	Freezer -80
Location	3.052 (3rd fl, 3rd Eq bay)
Make	Sanyo
Model	VIP
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	S Flitsch

Photograph



Appendix 23

Equipment 24

Description	Freezer -80
Location	3.052 (3rd fl, 3rd Eq bay)
Make	Heraeus
Model	HERA freeze
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	S Flitsch

Photograph



MIB Equipment Inventory

Appendix 24	
Equipment 25	
Description	Imaging - GEL Doc
Location	3.052 (3rd fl, 3rd Eq bay)
Make	SYNGENE
Model	U GENIUS
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 25</p>	
Equipment 26	
Description	Incubator
Location	3.052 (3rd fl, 3rd Eq bay)
Make	LMS
Model	
Serial No	
Approx cost (if known)	£4k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 26</p>	
Equipment 27	
Description	Laminar Flow hood

MIB Equipment Inventory

Location	3.052 (3rd fl, 3rd Eq bay)
Make	Monmouth
Model	Circulaire HLF 1200
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 27</p>	
Equipment 28	
Description	Incubator shaker
Location	3.052 (3rd fl, 3rd Eq bay)
Make	New Brunswick
Model	Innova 44
Serial No	
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 28</p>	
Equipment 29	
Description	Incubator (orbital)
Location	3.052 (3rd fl, 3rd Eq bay)
Make	Stuart
Model	S1500

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 29</p>	
Equipment 30	
Description	Centrifuge
Location	
Make	BECKMAN COULTER
Model	Avanti J-E
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 30</p>	
Equipment 31	
Description	GC Mass Spec with auto sampler
Location	3.051
Make	Varian and CTC ANALYTICS
Model	CP -3800
Serial No	
Approx cost (if known)	£60k
Assigned to - (Member of Staff)	N Scrutton

Photograph	
 <p>Appendix 31</p>	
Equipment 32	
Description	GC with auto sampler
Location	3.051
Make	Agilent Technologies
Model	7890A GC, 7693 auto sampler
Serial No	
Approx cost (if known)	£20k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 32</p>	
Equipment 33	
Description	Fermentors x2
Location	3.051
Make	Applikon Biotechnology
Model	EZ-Control
Serial No	
Approx cost (if known)	£15k each
Assigned to - (Member of Staff)	R Goodacre
Photograph	



Appendix 33

Equipment 34

Description	Freeze Dryer
Location	3.050
Make	Heto
Model	PowerDry PL3000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph



Appendix 34

Equipment 35

Description	Cell Disrupter - French Pressure Press with Cell
Location	3.050
Make	Thermo
Model	
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	N Scrutton

Photograph



MIB Equipment Inventory

Appendix 35	
Equipment 37	
Description	Sonicator
Location	3.049
Make	BANDELIN
Model	SONOPLUS
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 37</p>	
Equipment 38	
Description	Sonicator
Location	3.049
Make	Vibra Cell
Model	SONICS
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 38</p>	
Equipment 39	
Description	Sonicator

MIB Equipment Inventory

Location	3.049
Make	MSE
Model	Soniprep 150
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 Appendix 39	
Equipment 40	
Description	Evaporators BUCHI (x6)
Location	3.047
Make	BUCHI
Model	Rotavapor R-114
Serial No	
Approx cost (if known)	£4k each
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 Appendix 40	
Equipment 41	
Description	Balance (analytical)
Location	3.038A
Make	METTLER TOLEDO
Model	AB204-S

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 41</p>	
Equipment 42	
Description	Balance (top pan)
Location	3.038A
Make	METTLER TOLEDO
Model	PB1502-S/FACT
Serial No	
Approx cost (if known)	£ 750
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 42</p>	
Equipment 43	
Description	Cooled Cabinet
Location	3rd fl, 2nd Eq Bay
Make	SANYO
Model	Labcool
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph	
 <p>Appendix 43</p>	
Equipment 44	
Description	Cooled Cabinet
Location	3rd fl, 2nd Eq Bay
Make	SANYO
Model	Labcool
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 44</p>	
Equipment 45	
Description	AKTA purifier with Fraction collector
Location	3rd fl, 2nd Eq Bay
Make	GE Healthcare
Model	
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	N Scrutton
Photograph	



Appendix 45

Equipment 46

Description	Cooled Cabinet
Location	3rd fl 2nd Eq Bay
Make	SANYO
Model	Labcool
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph



Appendix 46

Equipment 47

Description	AKTA Purifier with fraction collector
Location	3rd fl 2nd Eq Bay
Make	GE Healthcare
Model	AKTA purifier
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	N Scrutton

Photograph



MIB Equipment Inventory

Appendix 47	
Equipment 48	
Description	FPLC with Fraction Collector
Location	3.053 cold room
Make	Biorad
Model	BioLogic LP
Serial No	
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 48</p>	
Equipment 49	
Description	Electroporator - Gene Pulser
Location	3.038
Make	Biorad
Model	Gene Pulser xcell
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 49</p>	
Equipment 50	
Description	Spectrophotometer fluorescence

MIB Equipment Inventory

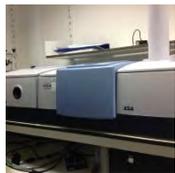
Location	3.055
Make	Cary
Model	
Serial No	
Approx cost (if known)	£15k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 50</p>	
Equipment 51	
Description	Circular Dichroism (CD) instrument
Location	3.055
Make	applied photo physics
Model	Chirascan
Serial No	
Approx cost (if known)	£100k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 51</p>	
Equipment 52	
Description	Oxygen Probe - Biological Oxygen Monitor
Location	3.055
Make	YSI
Model	5300A

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 52</p>	
Equipment 53	
Description	Stopped Flow instrument (x2)
Location	3.055
Make	applied photo physics
Model	SX20
Serial No	
Approx cost (if known)	£40k each
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 53</p>	
Equipment 54	
Description	Glove box (anaerobic projects)
Location	3.055
Make	Belle Technology
Model	
Serial No	
Approx cost (if known)	£15
Assigned to - (Member of Staff)	Biophysics Facility

Photograph	
 <p>Appendix 54</p>	
Equipment 55	
Description	Potentiostat - measures redox potential
Location	3.055
Make	BASI
Model	
Serial No	
Approx cost (if known)	£10k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 55</p>	
Equipment 56	
Description	FTIR spectrometer with stopped flow accessory
Location	3.055
Make	Briuker
Model	Vertex 80
Serial No	
Approx cost (if known)	£130k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	

MIB Equipment Inventory



Appendix 56

Equipment 57

Description	Stopped Flow (inside glove box)
Location	3.055
Make	TG scientific
Model	
Serial No	
Approx cost (if known)	£40k
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



Appendix 57

Equipment 58

Description	Spectrophotometer - Plate reader (96well plate) with automated injector
Location	3.055
Make	BiotTek
Model	Synergy HT
Serial No	
Approx cost (if known)	£20k
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



Appendix 58

Equipment 59

Description	Temperature Jump - equilibrium perturbation technique
Location	3.056
Make	TGK Scientific
Model	
Serial No	
Approx cost (if known)	£80k
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



Appendix 59

Equipment 60

Description	Cryogenic Stopped flow (Stopped flow at cryogenic temps)
Location	3.056
Make	TGK Scientific
Model	
Serial No	
Approx cost (if known)	£120k
Assigned to - (Member of Staff)	Biophysics Facility

Photograph



MIB Equipment Inventory

Appendix 60	
Equipment 61	
Description	High Pressure Stopped Flow
Location	3.056
Make	TGK Scientific
Model	HPSF - 56
Serial No	
Approx cost (if known)	£140k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 61</p>	
Equipment 62	
Description	Spectrophotometer (UV Visible) Cary 300 (x2)
Location	3.056
Make	Agilent & Varian
Model	Cary 300
Serial No	
Approx cost (if known)	£20k (each)
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 62</p>	
Equipment 63	
Description	Spectrophotometer (UV Visible) Cary 60 (x2)

MIB Equipment Inventory

Location	3.056
Make	Agilent
Model	Cary 60
Serial No	
Approx cost (if known)	£8k (each)
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 63</p>	
Equipment 64	
Description	Spectrophotometer (UV- Visible) Cary 50
Location	3.056
Make	Varian
Model	Cary 50
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 64</p>	
Equipment 65	
Description	Rotor (fixed angle)
Location	3.058 cold room
Make	Beckman Coulter
Model	F10BA

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 65</p>	
Equipment 66	
Description	Rotor (fixed angle)
Location	3.058 cold room
Make	Beckman Coulter
Model	F10BC1
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Turner
Photograph	
 <p>Appendix 66</p>	
Equipment 67	
Description	Rotor (swing out 96 well plate holder)
Location	3.058 cold room
Make	Beckman Coulter
Model	JS-53
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Flitsch

MIB Equipment Inventory

Photograph	
	
Appendix 67	
Equipment 68	
Description	Incubator Shaker Orbital
Location	3.058 cold room
Make	Stuart Scientific
Model	SI 50
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Flitsch
Photograph	
	
Appendix 68	
Equipment 69	
Description	Rotor - fixed angle
Location	3.052 (3 rd fl, 3rd Eq bay)
Make	Beckman Coulter
Model	JA-25.50
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Flitsch
Photograph	



Appendix 69

Equipment 71

Description	Plate reader - with dispenser (fluorescence absorption)
Location	3.039
Make	TECAN
Model	infinite M200
Serial No	
Approx cost (if known)	£27k
Assigned to - (Member of Staff)	S Flitsch

Photograph



Appendix 71

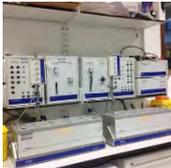
Equipment 72

Description	Incubator Orbital
Location	3.039
Make	Stuart
Model	S150
Serial No	
Approx cost (if known)	£1k
Assigned to - (Member of Staff)	S Flitsch

Photograph



MIB Equipment Inventory

Appendix 72	
Equipment 73	
Description	Bioreactor - small scale (x2)
Location	3.039
Make	MultiMax
Model	RB04 - 50
Serial No	
Approx cost (if known)	£150k (each)
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 73</p>	
Equipment 74	
Description	Balance - analytical
Location	3.039
Make	METTLER TOLEDO
Model	AB204-S
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 74</p>	
Equipment 75	
Description	Balance - top pan

MIB Equipment Inventory

Location	3.039
Make	METTLER TOLEDO
Model	PB1501 S/FACT
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 75</p>	
Equipment 76	
Description	Spectrophotometer (UV VISIBLE)
Location	3.039A (fume hood 3.08)
Make	Varian
Model	Cary 50 Probe
Serial No	EL00113795
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	A Munro
Photograph	
 <p>Appendix 76</p>	
Equipment 77	
Description	PCR - programmable thermal cycler
Location	3.039
Make	MJ Research Inc
Model	PTC-100

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£3k
Assigned to - (Member of Staff)	S Flitsch
Photograph	
 <p>Appendix 77</p>	
Equipment 78	
Description	PCR work station
Location	3.040
Make	LABCAIRE
Model	
Serial No	
Approx cost (if known)	£3k
Assigned to - (Member of Staff)	A Munro
Photograph	
 <p>Appendix 78</p>	
Equipment 79	
Description	Balance analytical (x2)
Location	3.040
Make	Sartorius
Model	Entris
Serial No	
Approx cost (if known)	£1k (each)
Assigned to - (Member of Staff)	A Munro

Photograph	
 <p>Appendix 79</p>	
Equipment 80	
Description	Balance - top pan
Location	3.040
Make	METTLER
Model	PJ400
Serial No	
Approx cost (if known)	£750
Assigned to - (Member of Staff)	A Munro
Photograph	
 <p>Appendix 80</p>	
Equipment 81	
Description	Water still - milliQ water
Location	3.040
Make	ELGAR
Model	Purelab UHQ
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Munro
Photograph	



Appendix 81

Equipment 82

Description	Cooled cabinet (x2)
Location	3.059 (3rd fl, 1st Eq bay)
Make	SANYO
Model	Labcool
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Munro

Photograph



Appendix 82

Equipment 83

Description	Centrifuge
Location	3.059 (3rd fl, 1st Eq bay)
Make	Beckman Coulter
Model	Avanti J-26 XP
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	A Munro

Photograph



MIB Equipment Inventory

Appendix 83	
Equipment 84	
Description	Rotor - fixed angle
Location	3.059 (3rd fl, 1st Eq bay)
Make	Beckman Coulter
Model	JLA-16.250
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Munro
Photograph	
	
Appendix 84	
Equipment 85	
Description	Incubator Shaker
Location	3.059 (3rd fl, 1st Eq bay)
Make	INFORS
Model	Multitron
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	Core
Photograph	
	
Appendix 85	
Equipment 86	
Description	Freezer -80 (x2)

MIB Equipment Inventory

Location	3.059 (3rd fl, 1st Eq bay)
Make	New Brunswick
Model	U570 x2
Serial No	
Approx cost (if known)	£6k each
Assigned to - (Member of Staff)	A Munro & N Scrutton
Photograph	
 <p>Appendix 86</p>	
Equipment 87	
Description	Freezer -80
Location	3.059 (3rd fl, 1st Eq bay)
Make	New Brunswick
Model	U410 HEF
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 87</p>	
Equipment 88	
Description	Cooled Cabinet
Location	3.059 (3rd fl 1st Eq bay)
Make	FOSTER
Model	

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 88</p>	
Equipment 89	
Description	AKTA pure with Fraction collector
Location	3.059 (3rd fl 1st Eq bay)
Make	GE Healrhcare
Model	AKTA pure
Serial No	
Approx cost (if known)	£58k
Assigned to - (Member of Staff)	A Munro & N Scrutton
Photograph	
 <p>Appendix 89</p>	
Equipment 90	
Description	Cooled Cabinet
Location	3.059 (3rd fl, 1st Eq bay)
Make	FOSTER
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Munro & N Scrutton

Photograph	
 <p>Appendix 90</p>	
Equipment 91	
Description	AKTA purifier with fraction collector
Location	3.059 (3rd fl, 1st Eq bay)
Make	GE Healthcare
Model	AKTA purifier
Serial No	
Approx cost (if known)	£25k
Assigned to - (Member of Staff)	A Munro & N Scrutton
Photograph	
 <p>Appendix 91</p>	
Equipment 92	
Description	GC - Mass Spec. Electron impact and chemical ionisation
Location	3.058
Make	FINNIGAN
Model	Polaris Q with Trace GC ULTRA
Serial No	
Approx cost (if known)	£125k
Assigned to - (Member of Staff)	R Spiess
Photograph	



Appendix 92

Equipment 93

Description	GC Mass Spec EI
Location	3.058
Make	Hewlett Packard
Model	HP 6890 GC System
Serial No	
Approx cost (if known)	£70k
Assigned to - (Member of Staff)	N Turner

Photograph



Appendix 93

Equipment 94

Description	GC FID with Auto-sampler - 6850 GC x2
Location	3.058
Make	Agilent
Model	6850 GC network GC System
Serial No	
Approx cost (if known)	£15k each
Assigned to - (Member of Staff)	S Flitsch

Photograph



MIB Equipment Inventory

Appendix 94	
Equipment 95	
Description	Spectrophotometer (UV -VIs)
Location	3.057
Make	Agilent
Model	Cary 60
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Sam Hay
Photograph	
 <p>Appendix 95</p>	
Equipment 96	
Description	Laser DEX
Location	3.057
Make	Edinburgh Instruments
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Sam Hay
Photograph	
 <p>Appendix 96</p>	
Equipment 97	
Description	Microscope & Laser - configured for Total Internal Fluorescence

MIB Equipment Inventory

	Microscopy (TIFM)
Location	3.060B
Make	Olympus
Model	IX71
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Sam Hay
Photograph	
 <p>Appendix 97</p>	
Equipment 98	
Description	Biological Safety Cabinet
Location	3.060B
Make	MachAire
Model	
Serial No	
Approx cost (if known)	£8k
Assigned to - (Member of Staff)	Core
Photograph	
Equipment 99	
Description	Biological safety cabinet
Location	3.060A
Make	Walkers
Model	
Serial No	
Approx cost (if known)	£6k
Assigned to - (Member of Staff)	A Saiani

MIB Equipment Inventory

Photograph	
 <p>Appendix 98</p>	
Equipment 100	
Description	Centrifuge
Location	3.060A
Make	Eppendorf
Model	5430
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Saiani
Photograph	
 <p>Appendix 99</p>	
Equipment 101	
Description	Microscope - stereo optical
Location	3.060A
Make	Olympus
Model	BX50
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Saiani
Photograph	



Appendix 100

Equipment 102

Description	Microscope - optical stereo inverted
Location	3.960A
Make	Zeiss
Model	Primo Vert
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	A Saiani

Photograph



Appendix 101

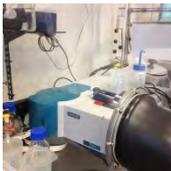
Equipment 103

Description	Incubator - CO2 (x2)
Location	3.060A
Make	Labtech. com
Model	HF90
Serial No	031 3k228CE , 031 3k2269CE
Approx cost (if known)	£3k (each)
Assigned to - (Member of Staff)	A Saiani

Photograph



MIB Equipment Inventory

Appendix 102	
Equipment 104	
Description	Glove Box (Anaerobic projects) x6
Location	3.044
Make	BellevTechnology
Model	
Serial No	
Approx cost (if known)	£20k (each)
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 103</p>	
Equipment 105	
Description	Spectrophotometer (UV-Vis) [inside x2 glove boxes]
Location	3.044
Make	Varian
Model	Cary 50 Bio
Serial No	
Approx cost (if known)	£6k (each)
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 104</p>	
Equipment 106	
Description	Peltier - single cell (inside x2 glove boxes)

MIB Equipment Inventory

Location	3.044
Make	Varian
Model	Cary single cell Peltier
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 105</p>	
Equipment 107	
Description	Stopped Flow (inside x2 glove boxes)
Location	3.044
Make	Applied Photo Physics
Model	
Serial No	
Approx cost (if known)	£40k (each)
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 106</p>	
Equipment 108	
Description	Spectrophotometer (UV-Vis) x2
Location	3.044
Make	Varian
Model	Cary 50 Bio

MIB Equipment Inventory

Serial No	
Approx cost (if known)	£6k (each)
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 107</p>	
Equipment 109	
Description	Centrifuge
Location	3.045
Make	Beckman Coulter
Model	Allegra X-22
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 108</p>	
Equipment 110	
Description	Centrifuge 5810 R x2
Location	3.045
Make	Eppendorf
Model	5810 R
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph	
 <p>Appendix 109</p>	
Equipment 111	
Description	Incubator
Location	3.045
Make	LEEC
Model	Compact Incubator
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 110</p>	
Equipment 112	
Description	AKTA purifier
Location	3.045
Make	Amersham Biosciences
Model	AKTA purifier
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	



Appendix 111

Equipment 113

Description	Cell Disruption System
Location	3.045
Make	Constant Cell Disruption Systems
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph



Appendix 112

Equipment 114

Description	Incubator Shaker
Location	3.045
Make	Thermo
Model	MaxQ
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph



MIB Equipment Inventory

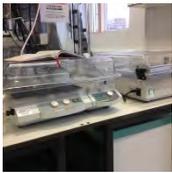
Appendix 113	
Equipment 115	
Description	Fermentor/Bioreactor - 7 litres
Location	3.045A
Make	New Brunswick Scientific
Model	BIOFLO 110
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 114</p>	
Equipment 116	
Description	Catalyst Regenerators
Location	3.045A in fume hood 3.09
Make	Belle Technology
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	Biophysics Facility
Photograph	
 <p>Appendix 115</p>	
Equipment 117	
Description	Balance - top pan

MIB Equipment Inventory

Location	3.045B
Make	Sartorius
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 116</p>	
Equipment 118	
Description	Balance - Analytical (microbalance 5 decimal places)
Location	3.046A
Make	Sartorius
Model	MSE 225A
Serial No	25601680
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 117</p>	
Equipment 119	
Description	Robot - liquid handling in anaerobic glove box. (96 well plates)
Location	3.046
Make	HAMILTON
Model	Microlab Star

MIB Equipment Inventory

Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 118</p>	
Equipment 120	
Description	Glove box - anaerobic for liquid handling robot
Location	3.046
Make	Belle Technology
Model	
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 119</p>	
Equipment 121	
Description	Incubator shaker for 96 well plates (x2)
Location	3.046
Make	Heidolph
Model	TITRAMAX & incubator 1000
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph	
 <p>Appendix 120</p>	
Equipment 122	
Description	PCR workstation
Location	3.046
Make	alpha laboratories
Model	PCR workstation
Serial No	
Approx cost (if known)	£2k
Assigned to - (Member of Staff)	N Scrutton
Photograph	
 <p>Appendix 121</p>	
Equipment 123	
Description	PCR - gradient thermal cycler
Location	3.046
Make	TECHNE
Model	3Prime
Serial No	
Approx cost (if known)	£5k
Assigned to - (Member of Staff)	N Scrutton
Photograph	



Appendix 122

Equipment 124

Description	Imager - Gel doc
Location	3.046
Make	Syngene Bio Imaging
Model	GENE FLASH
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph



Appendix 123

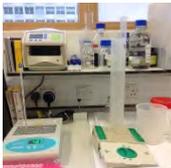
Equipment 125

Description	Imager - Gel Doc
Location	3.046
Make	Biorad
Model	EZ Imager
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton

Photograph



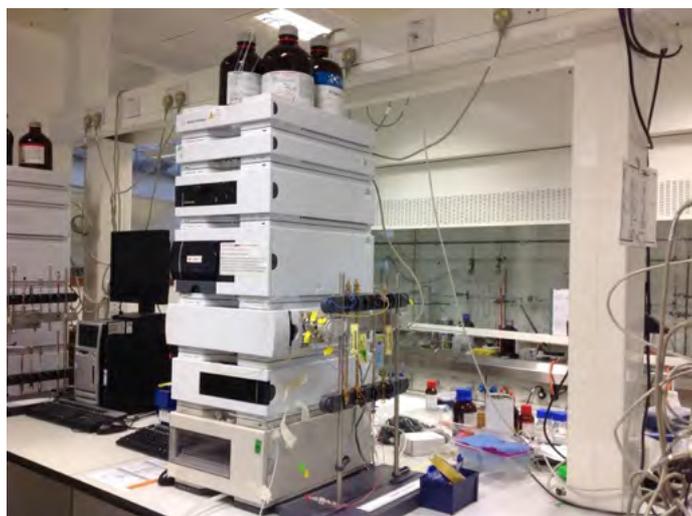
MIB Equipment Inventory

Appendix 124	
Equipment 126	
Description	Trans Blot Turbo - western blotting transfer system
Location	3.046
Make	Bio Rad
Model	Trans Blot Turbo
Serial No	
Approx cost (if known)	
Assigned to - (Member of Staff)	N Scrutton
Photograph	
	
Appendix 125	

Images



Appendix 1



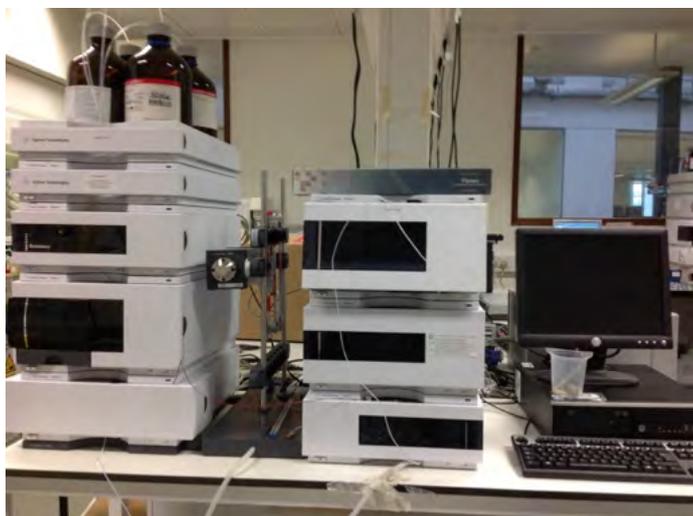
Appendix 2



Appendix 3



Appendix 4



Appendix 5



Appendix 6



Appendix 7

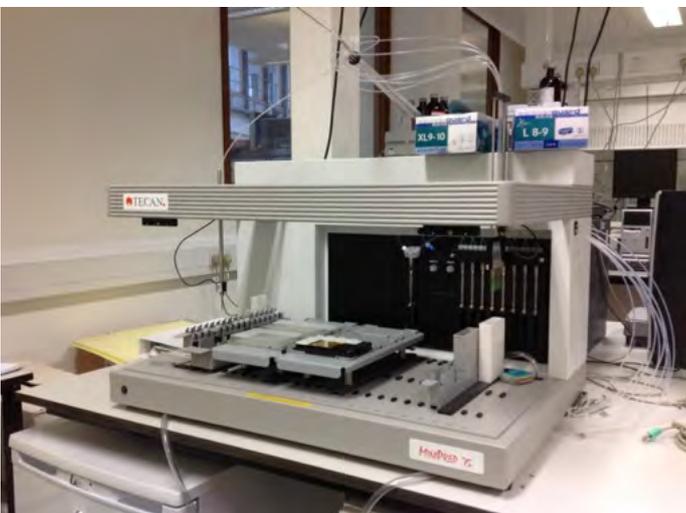


Appendix 8



Appendix 9

Appendix 10



Appendix 11



Appendix 12



Appendix 13



Appendix 14



Appendix 15



Appendix 16



Appendix 17



Appendix 18



Appendix 19



Appendix 20



Appendix 21



Appendix 22



Appendix 23



Appendix 24



Appendix 25



Appendix 26



Appendix 27



Appendix 28



Appendix 29



Appendix 30



Appendix 31



Appendix 32



Appendix 33



Appendix 34



Appendix 35



Appendix 37



Appendix 38



Appendix 39



Appendix 40



Appendix 41



Appendix 42



Appendix 43



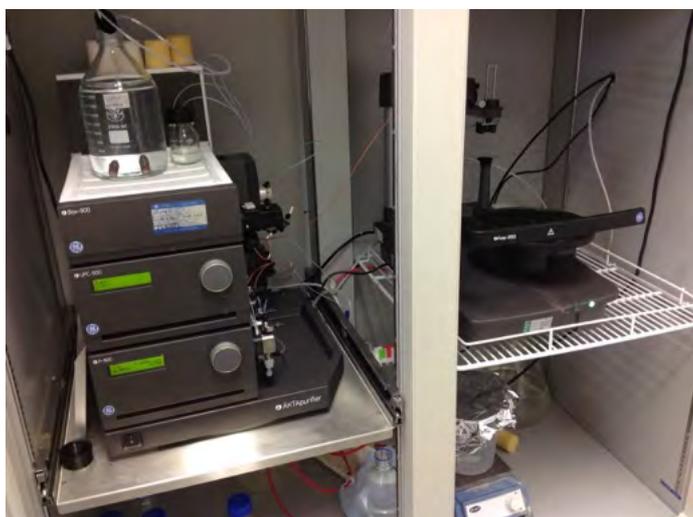
Appendix 44



Appendix 45



Appendix 46



Appendix 47



Appendix 48



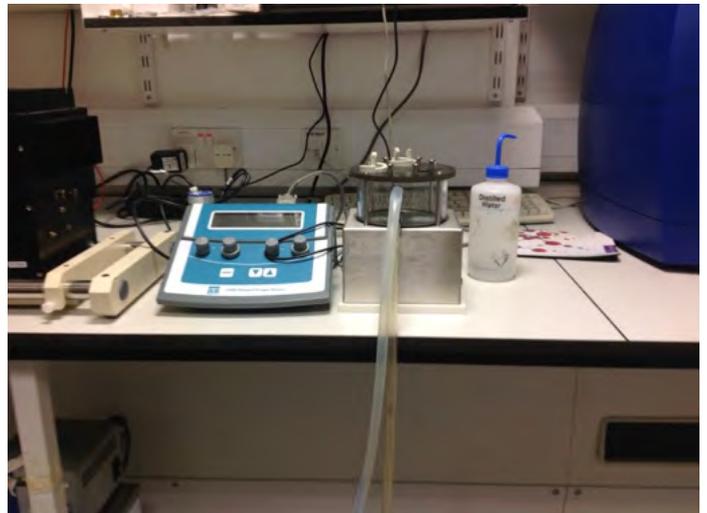
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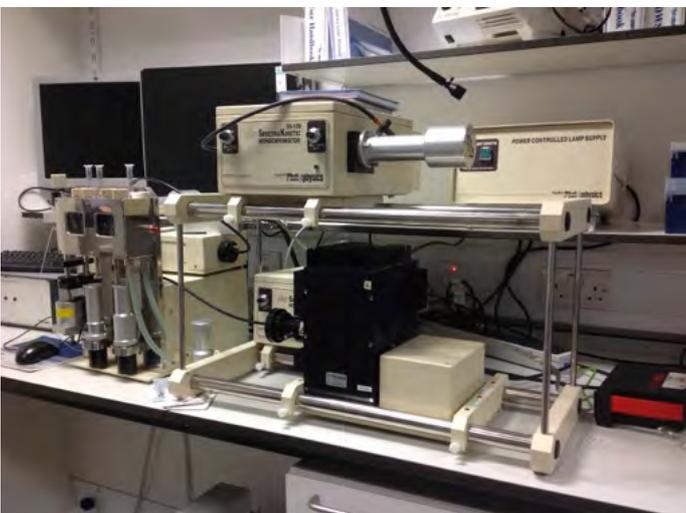
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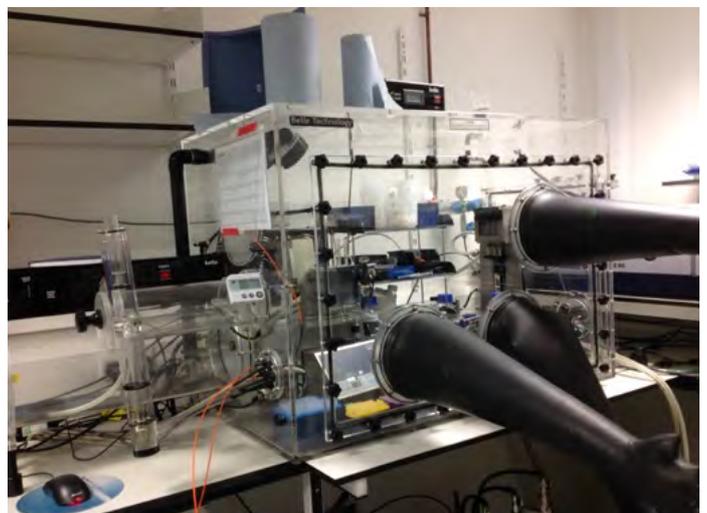
Appendix 51



Appendix 52



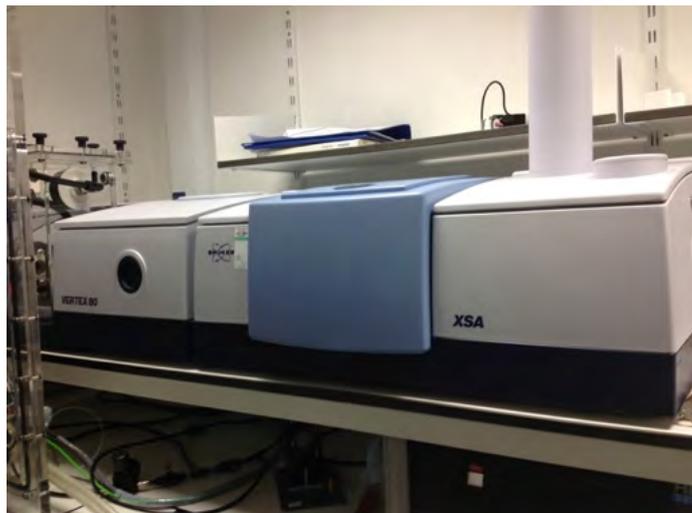
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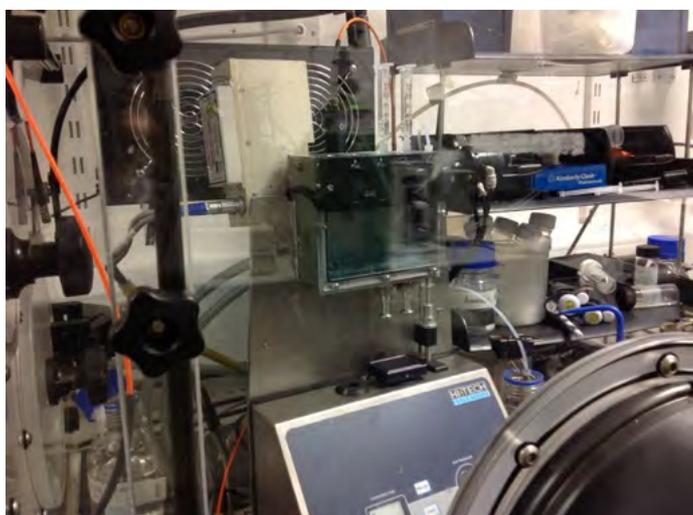
Appendix 54



Appendix 55



Appendix 56



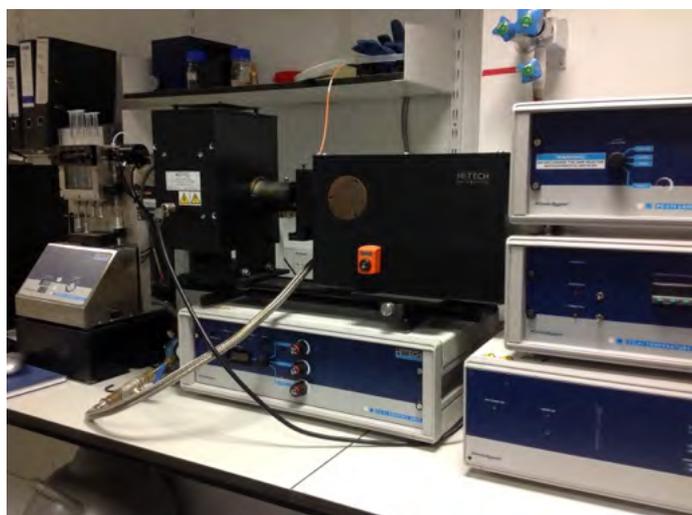
Appendix 57



Appendix 58



Appendix 59



Appendix 60



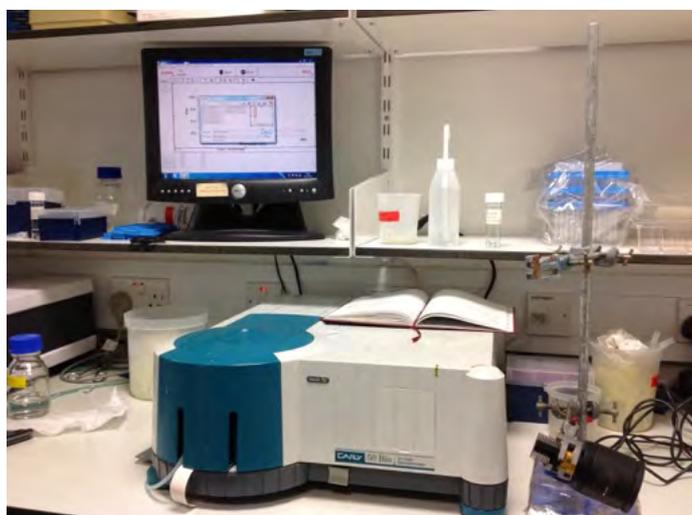
Appendix 61



Appendix 62



Appendix 63



Appendix 64



Appendix 65



Appendix 66



Appendix 67



Appendix 68



Appendix 69



Appendix 71



Appendix 72



Appendix 73



Appendix 74



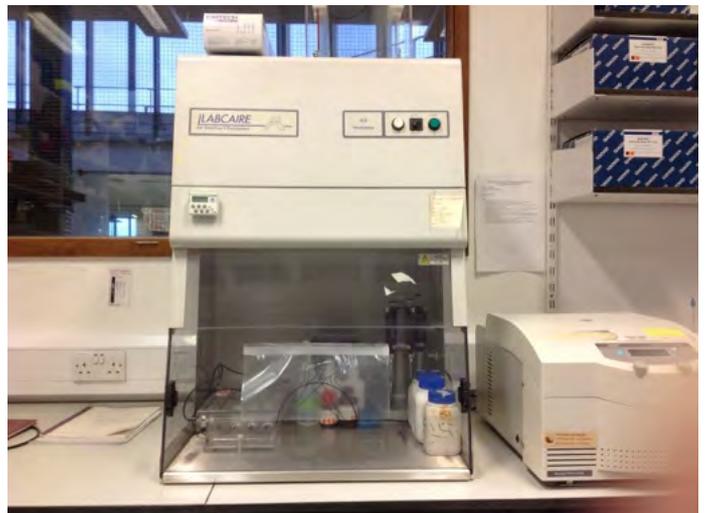
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Appendix 76

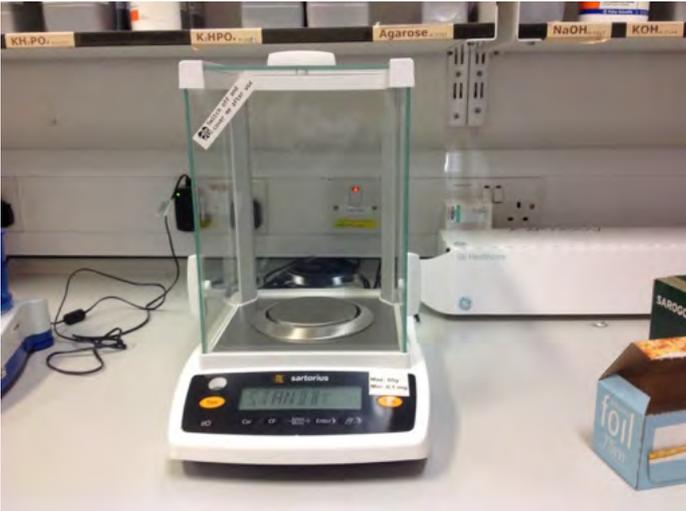


Appendix 77



Appendix 78

MIB Equipment Inventory



Appendix 79



Appendix 80



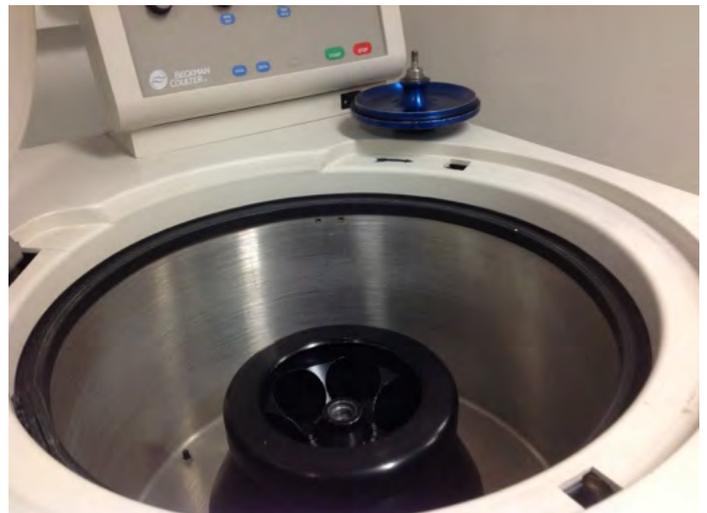
Appendix 81



Appendix 82



Appendix 83



Appendix 84



Appendix 85



Appendix 86



Appendix 87



Appendix 88



Appendix 89



Appendix 90



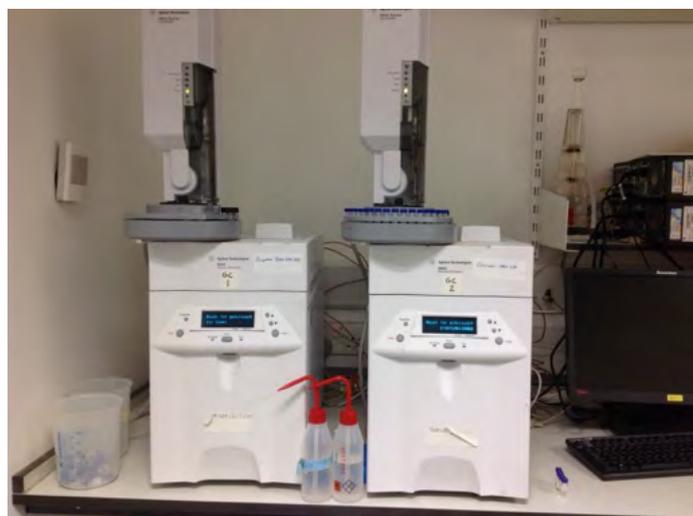
Appendix 91



Appendix 92



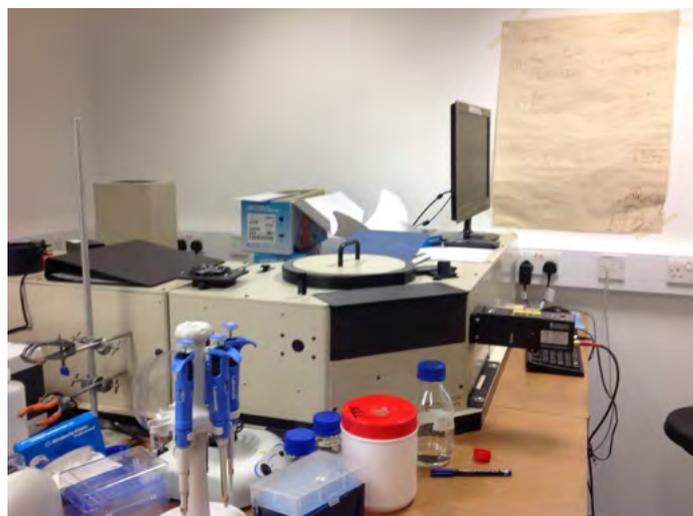
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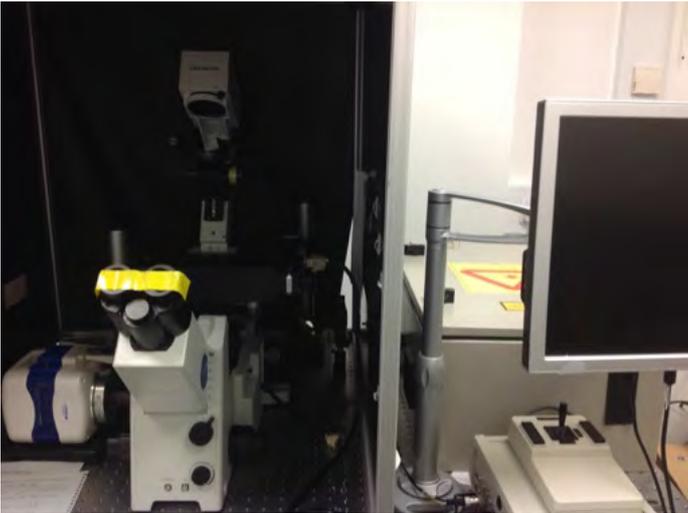
Appendix 94



Appendix 95



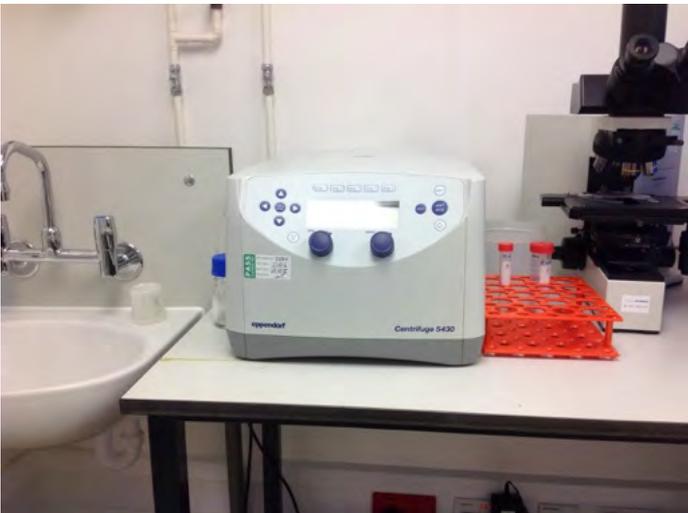
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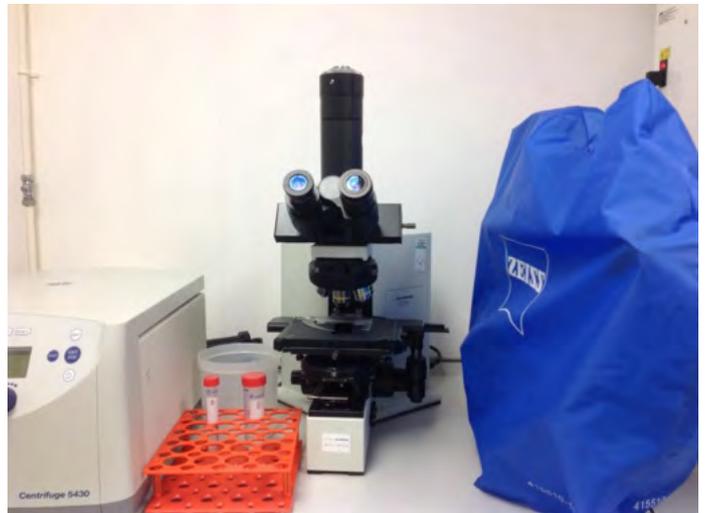
Appendix 97



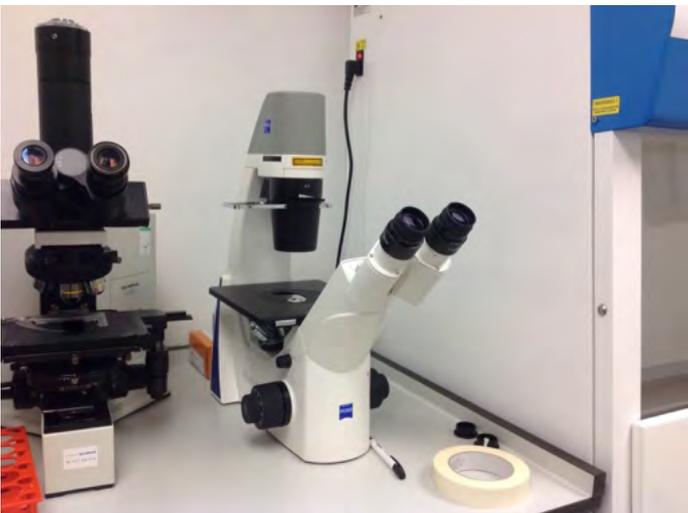
Appendix 98



Appendix 99



Appendix 100



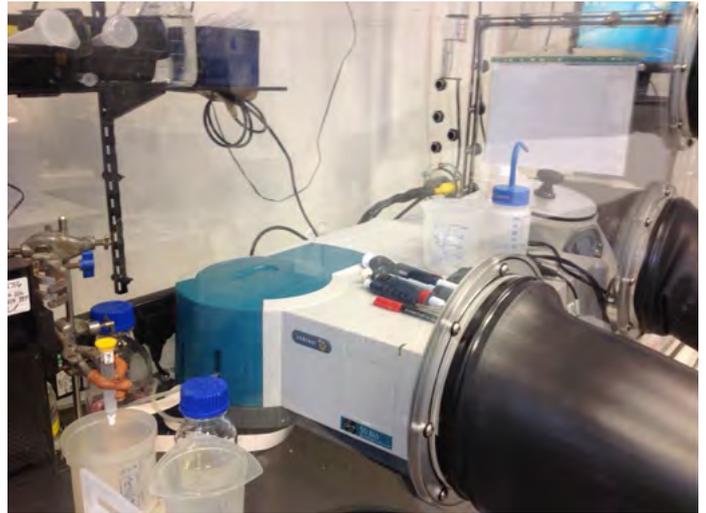
Appendix 101



Appendix 102



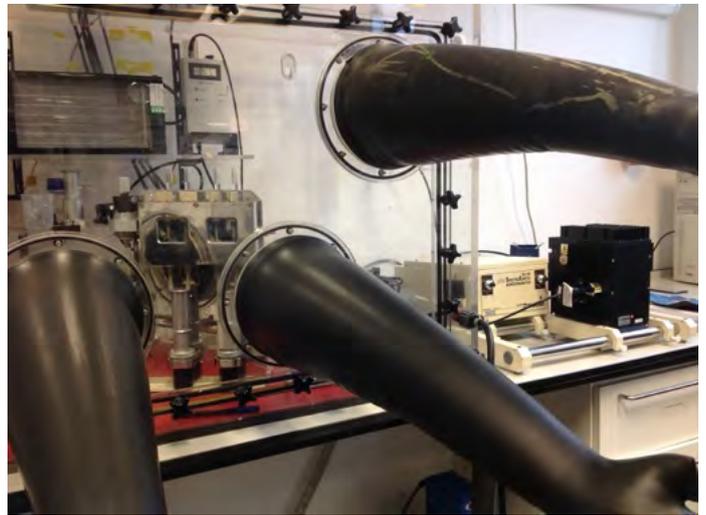
Appendix 103



Appendix 104



Appendix 105



Appendix 106



Appendix 107



Appendix 108



Appendix 109



Appendix 110



Appendix 111



Appendix 112



Appendix 113



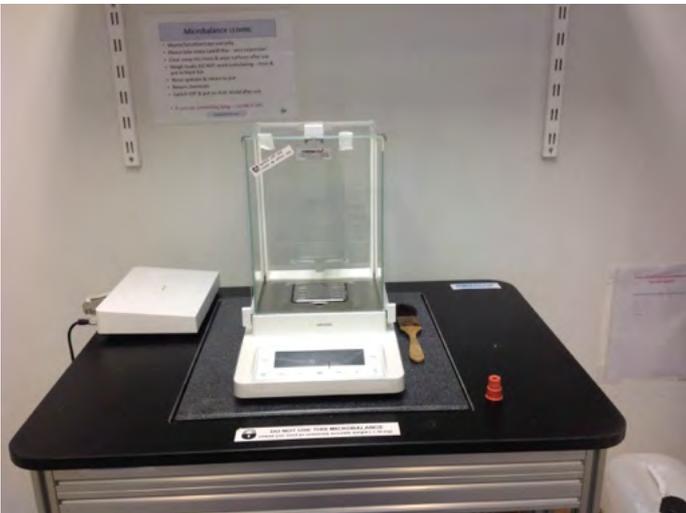
Appendix 114



Appendix 115



Appendix 116



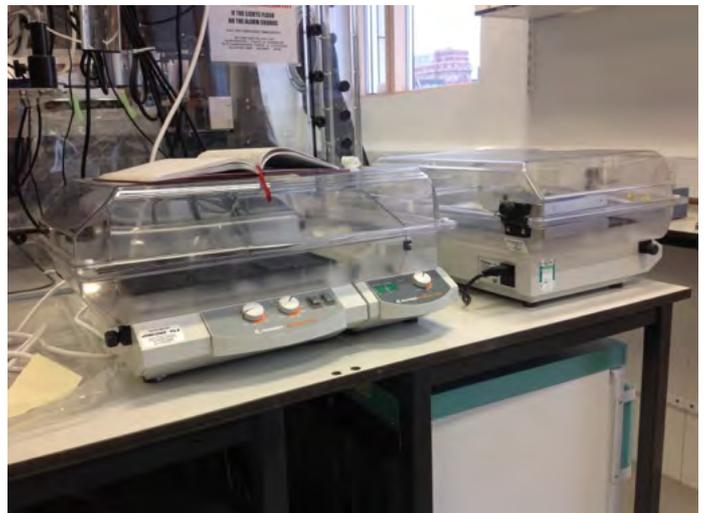
Appendix 117



Appendix 118



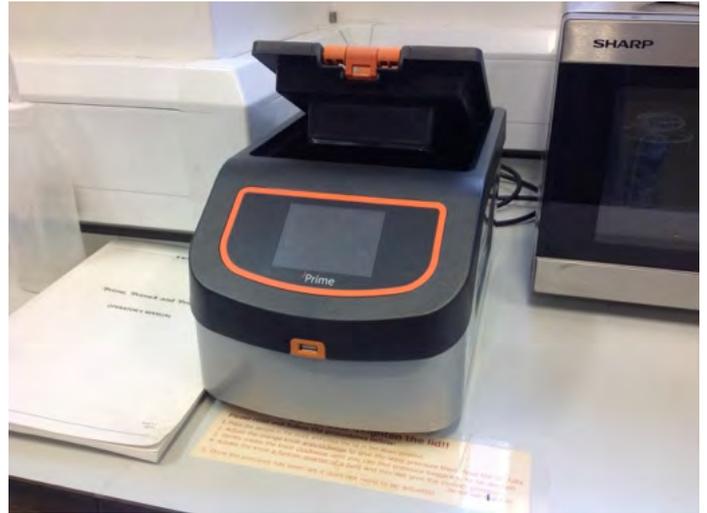
Appendix 119



Appendix 120



Appendix 121



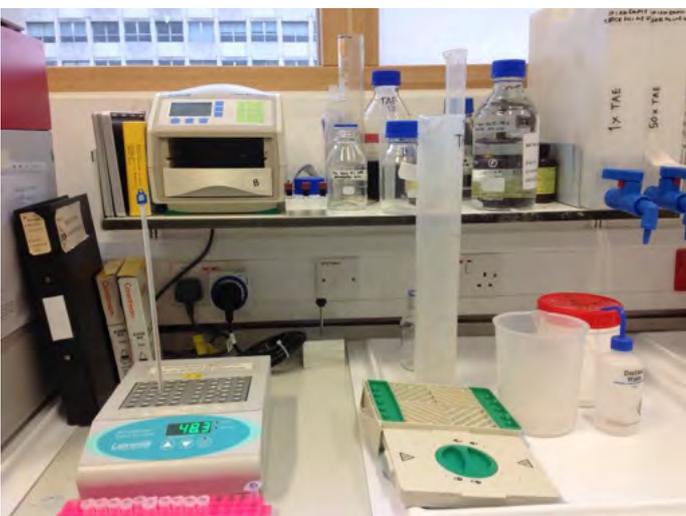
Appendix 122



Appendix 123



Appendix 124



Appendix 125