

<b>SGUL Major Equipment / Facilities</b>	
<b>Analytical Unit</b>	<b>Academic Contact</b>
HPLC/MS/MS - using Sciex API 2000 and 4000 systems with mass-spectromic detection	TBA
GC/MS - using Hewlett Packard & Shimadzu GLC systems with EI & CI mass-selective detection	TBA
HPLC with ultraviolet, fluorescence and electrochemical detection	TBA
RIA	TBA
Enzyme immunoassays - ELISA/ EMIT/ MEIA	TBA
Fluorescence polarisation immunoassays	TBA
Electrophoresis	TBA
Spectrophotometry	TBA
Western blotting	TBA
Real time PCR	TBA
	TBA
<b>Biomics Centre</b>	
<u>Genomics:</u>	TBA
ABI Prism 3100 Genetics Analysers	TBA
Pyrosequencer PSQ HS 96A	TBA
	TBA
<u>Transcriptomics:</u>	TBA
MWG RoboAmp 4200 liquid handling robot	TBA
BioRobotics MicroGrid II microarray gridding robot	TBA
Agilent Bioanalyser 2100	TBA
Genetic Microsystems GMS Quantitation software	TBA
GeneSpring Microarray BioInformatics software	TBA
Custom Human arrays	TBA
Microbial whole genome arrays	TBA
Stratagene Mx4000 Real Time Fluorescence	TBA
PCR machine	TBA
	TBA

<u>Proteomics:</u>	TBA
Kratos Axima Maldo-TOF Mass spectrometer	TBA
Ciphergen SELDI Mass Spectrometer	TBA
ThermoFinnigan Electrospray Tandem HPLC-MS-Mass Spectrometer	TBA
Amersham Pharmacia AKTA Explorer HPLC	TBA
Milligen 9050 peptide synthesiser	TBA
	TBA
<u>Metabolomics:</u>	TBA
Bruker Avance 600, 600Mhz NMR instrument with High Resolution Magic-Angle Spectroscopy, automated sample changing and LC-NMR facilities	TBA
	TBA
PALM Laser Dissection Microscope	TBA
MoFlow Cell Sorter	TBA
<b>RHUL Major Equipment / Facilities</b>	
	<b>Academic Contact</b>
Bruker Autoflex tof/tof Maldi TOF system, for accurate mass determination and structure of molecules., with nano LC for proteomics and auto sampler for 1d separations	Chris Gerrish – 0178 444 3895 <a href="mailto:c.gerrish@rhul.ac.uk">c.gerrish@rhul.ac.uk</a>
AmaZon ETD system for high sensitivity proteomics using hplc or nano LC.	Chris Gerrish – 0178 444 3895 <a href="mailto:c.gerrish@rhul.ac.uk">c.gerrish@rhul.ac.uk</a>
Bruker MaXis ultra high resolution TOF, i.e. an electrospray ionisation quadrupole TOF for ultra high resolution of exact mass in MS and MS/MS mode	Chris Gerrish – 0178 444 3895 <a href="mailto:c.gerrish@rhul.ac.uk">c.gerrish@rhul.ac.uk</a>
Confocal Microscope	Pavlos Alifragis – 0178 444 4988 <a href="mailto:p.alifragis@rhul.ac.uk">p.alifragis@rhul.ac.uk</a>
Typhoon Imager	Jacqueline Kolkowski – 0178 444 3391 <a href="mailto:j.kolkowski@rhul.ac.uk">j.kolkowski@rhul.ac.uk</a>
Beckon Dickinson FACS Canto Flow Cytometer	Rafael Yanez – 0178 444 3180 <a href="mailto:r.yanez@rhul.ac.uk">r.yanez@rhul.ac.uk</a>
Glasshouses	Chris Gerrish – 0178 444 3895 <a href="mailto:c.gerrish@rhul.ac.uk">c.gerrish@rhul.ac.uk</a>

<b>KU Major Equipment / Facilities</b>	
	<b>Academic Contact</b>
400MHz NMR spectrometer 600MHz NMR spectrometer (in 2010)	Prof. Andy Augousti <a href="mailto:augousti@kingston.ac.uk">augousti@kingston.ac.uk</a>  Prof. Declan Naughton <a href="mailto:d.naughton@kingston.ac.uk">d.naughton@kingston.ac.uk</a>
Scanning Electron Microscope Transmission Electron Microscope Scanning Confocal Microscope FACS Calibur Cell Counter	Prof. Peter Treloar <a href="mailto:P.Treloar@kingston.ac.uk">P.Treloar@kingston.ac.uk</a>
Inductively Coupled Plasma-Atomic Emission Spectrometer Inductively Coupled Plasma-Mas Spectrometer Inductively Coupled Plasma-Mas Spectrometer (in 2009)	Prof Ian Jarvis <a href="mailto:I.jarvis@kingston.ac.uk">I.jarvis@kingston.ac.uk</a>
HPLC-Mass spectrometer HPLC-Mass spectrometer MS/MS (in 2009) X-ray Diffractometer	Prof. Declan Naughton <a href="mailto:d.naughton@kingston.ac.uk">d.naughton@kingston.ac.uk</a>
Category 2 facilities Nuclear Science laboratory Synthetic Chemistry laboratory Biomechanics Laboratory	Prof. Declan Naughton <a href="mailto:d.naughton@kingston.ac.uk">d.naughton@kingston.ac.uk</a>