

**LIST OF INSTRUMENTS IN ANIMAL RESEARCH
FACILITY SECTION**

Zebrafish Lab Section	Danoscope	Noldus
	Daniovision	Noldus
	Homogenizer with work station	Next Advance
	Stereomicroscope	Leica/ Nikon
	Zebrafish Microinjector	World Precision Inc.
	Zebrafish Housing System	Aquaneering/Tecniplast
Animal House Facili- ty	Anesthetic Cubical	Harvard Apparatus
	Cage Changing System	Tecniplast
	Mouse/Rat Individual Ventilated Cage (IVC) System	Innovive/ Tecniplast
	Cage Washer	Tecniplast
	CO2 Automatic Delivery System	VetTech Solutions LTD
	Conventional Mouse/Rat Cage	Tecniplast
	Guinea Pig Housing System	Tecniplast
	Non-Invasive Blood Pressure Monitor for Rodent	Panlab
	Rabbit Rack	Tecniplast
	Rabbit weighing scale	AND
	Rodent weighing scale	AND
	Surgical Apparatus	Harvard Apparatus



**CENTRAL RESEARCH & ANIMAL FACILITY
KULLIYAH OF SCIENCE**



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FACILITY**

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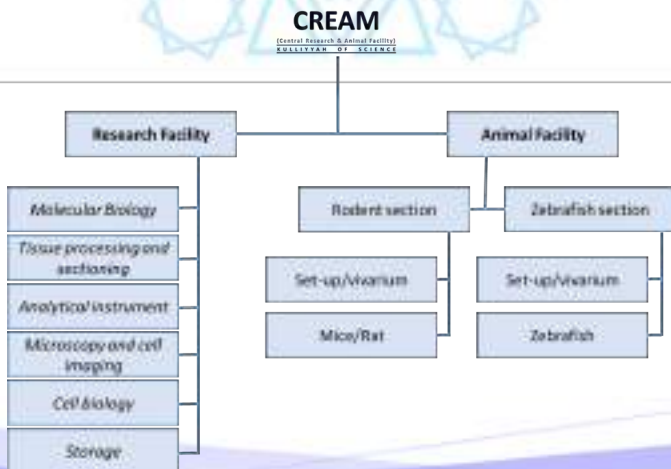
<http://www.iium.edu.my/kulliyah/kulliyah-of-science/cream>



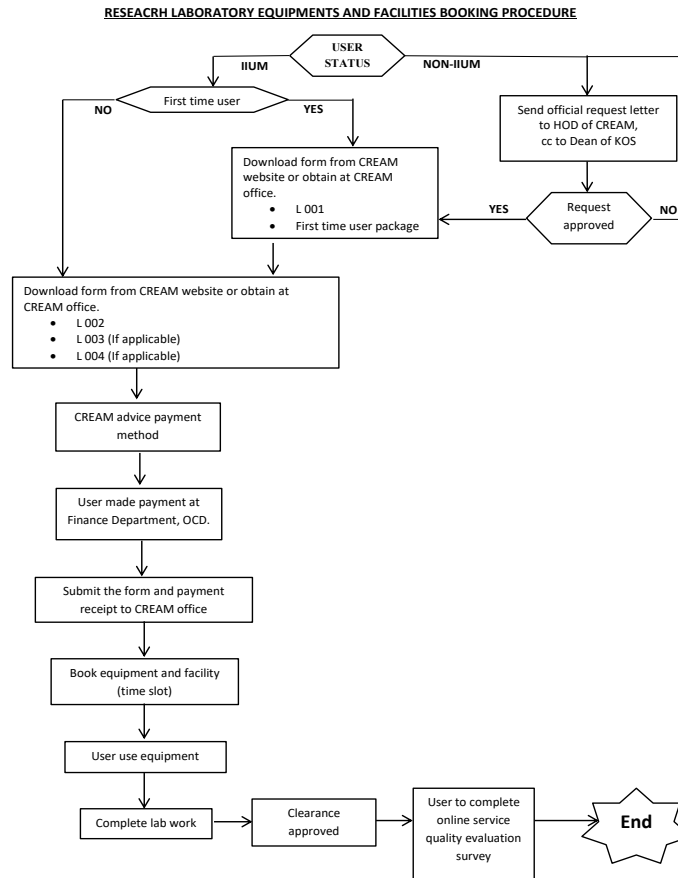
SERVICES PROVIDED BY CREAM

CREAM is committed in providing cutting edge research and animal facility with Collaborative partnership and open Accessibility to enhance the Reliability and quality of fundamental, multidisciplinary and animal research through enculturation of Islamic and Ethical values in Modern research.

Mission	Objectives
Collaborative	To establish collaborative partnership with relevant stakeholders
Reliability	To provide a reliable and high quality research facility and output
Islamic and Ethical values	To ensure all related research activities are ultimately guided by Islamic and ethical values and practices.
Accessibility	To provide an open platform for efficient and easy accessibility to researchers and relevant stakeholders.
Modern research	To establish a versatile facility and services with modern, cutting edge technologies



REQUEST WORKFLOW FOR RESEARCH FACILITY



FORM NAME	CODE
Laboratory Usage Personal Particular	CREAM-L001
Application to Use Laboratory	CREAM-L002
Application to Use Equipment	
Specimen/ Sample Storage	CREAM-L003
Clearance Form	CREAM-L002
Timeline for application processing	Min: 1 days
	Max: 3 days

LIST OF INSTRUMENTS IN RESEARCH FACILITY SECTION

SECTION	ITEM	BRAND
Molecular Biology Section	Digital Dry Bath	Corning LSE
	Digital Drybath (Block Heater)	Biorad
	Gel Air Dryer	Biorad
	Gel Documentation System	Biorad
	qPCR - Real-time	Biorad
	Thermal Cycler	Biorad
	Precision Melt Analysis Software	Biorad
	Gel Electrophoresis System Horizontal	Biorad
	Gel Electrophoresis System Vertical	Cleaver
	Mini Protean Tetra Cell	Biorad
Semi Dry Protein Transfer	Biorad	
Western Blot Scanner	LICOR	
Tissue Processing and Sectioning Section	Autoclave	Systec
	Automated Tissue Embedding Centre	Thermo Scientific
	Automated Tissue Processor	Thermo Scientific
	Rotary Microtome	Thermo Scientific
	Floatation Bath	Medite
Analytical Section	Blood Mixer	Biorad
	Chemical Analyzer	ROCHE
	Chenomx Suite Software	Chenomx
	Dynabeads MX1 for 6 Tubes	Invitrogen
	Dynabeads MX7 for 1 Tube	Invitrogen
	Freeze Dryer	Martin Christ
	Heated Incubator (60°C)	Thermo Scientific
	Multiparameter Meter Cyberscan 6000 Series	Eutech
Rotary Evaporator	IKA	
Microscopy and Cell Imaging Section	Compound Microscope 4x - 100x	Leica x 3 Olympus x 2 Cole Parmer x 1
	Cell Imager Cytell	GE Health Life Sc.
	Inverted Microscope	Nikon
	Inverted Microscope for Micromanipulator	Nikon x 2
	Flourescence Microscope	Nikon
Cell Biology Section	Biosafety cabinet	Esco Nuair
	Carbon Dioxide (CO2) incubator	Memmert
	Counting Chamber	Nuair
	EVOS XL Core Imaging System	Hirschmann®
	Guava Flowcytometer	Life Technologies
	Microplate Reader/ Spectrophotometer	Merck Milipore
	Microbiology Incubator with Gravity 240L	TECAN Sapphire Binder