



**CENTRAL RESEARCH AND ANIMAL FACILITY (CREAM)  
KULLIYAH OF SCIENCE**

**RESEARCH LABORATORY EQUIPMENT AND USAGE CHARGES**

As endorsed in IKCM (Jan 2018) and KOS KMM (Dec 2017)

5th ed. - EFFECTIVE JAN 2020

Lab/Section	Sub section	Instrument	Unit	IUM		Non-IUM				
				Price/Unit	Monthly	Government		Private		
						Price/Unit	Monthly	Price/Unit	Monthly	
Molecular	DNA/ RNA	qPCR - Real-time Thermal Cycler	slot	5	50	10	100	20	200	
		Gel Electrophoresis System Horizontal	day	5	50	10	100	20	200	
		Gel Electrophoresis System Vertical	day	5	50	10	100	20	200	
		Mini Protean Tetra Cell	day	5	50	10	100	20	200	
	Protein	Semi Dry Protein Transfer	day	5	50	10	100	20	200	
		Western Blot Scanner	day	FOC						
	Imaging	Chemidoc Gel Imager	day	FOC						
Histology	Processing	Automated Tissue Processor	day	50	100 / day 1000 / month	100	200 / day 2000 / month	150	300 / day 3000 / month	
		Automated Tissue Embedding Centre	day	20		40		60		
	Sectioning	Rotary Microtome	day	10		20		30		
		**+Rm 50 for new additional blade	day	10		20		30		
	Staining	H&E Staining station	day	30		60		90		
Imaging	Microscope with camera	day	FOC	FOC	FOC					
Microscopy	Light	Compound Microscope 4x - 100x	day	5	50	10	100	15	150	
		Compound Microscope with camera	day	5	50	10	100	15	150	
	Fluorescence/ Special day	CYTELL Cell Imager	slot	10	20	25				
		Inverted Microscope with camera	day	5	50	20	200	25	500	
		Micromanipulator (Inverted microscope)	slot	20	40	50				
		Stereomicroscope	day	5	50	20	200	25	250	
		Fluorescence Microscope (upright microscope)	slot	20	40	50				
Cell biology	Cell Culture Room	Biosafety Cabinet Airstream Class II	day	10	100	20	200	30	300	
		Carbon Dioxide (CO2) Incubator								
		General equipments & PPE								
	Documentation	Cell Imaging System (Evos XL)	use	FOC						
	Analysis	Flowcytometer	slot	50	100	150				
Microplate Reader		slot	5	50	10	100	20	200		
Microbiology	Microb room	Biosafety Cabinet Airstream Class II	day	10	100	20	200	30	300	
		General equipments & PPE								
		Incubator								
	Documentation	Compound Microscope with camera	day	FOC	FOC	FOC				
Analytical	Chemistry Analyzer	day	*quotation upon request							
	Dynabeads Mixer	day	5	50	10	100	15	150		
	Freeze Dryer	day	10	100	20	200	30	300		
	Multiparameter Handheld Meter	day	20	200	40	400	50	500		
	Rotary Evaporator	day	10	100	20	200	30	300		
	Homogenizer *zirconium beads are not provided	day	5	50	10	100	15	150		
	Chenomx Suite Software	slot	FOC	FOC	10	100	20	200		
	Storage	(-80°C)	day	5	30	10	100	15	150	
day			5	30	10	100	15	150		
day			5	30	10	100	15	150		
day			5	30	10	100	15	150		
Cryo		Liquid Nitrogen Storage Tank	day	*contact CREAM for further details						
Zebrafish	DanioVision	day	5	50	10	100	15	150		
	DanioScope	day	5	50	10	100	15	150		
	Stereomicroscope	day	30	300	50	500	60	500		
	Microinjector	day	30	300	50	500	60	500		
Rodent	Non-invasive blood pressure	day	20	200	40	400	50	500		
	Surgical apparatus	day	10	100	15	150	20	200		