



## 1. Advanced Medical Research Unit (AMRU):






Has been established in December 2015

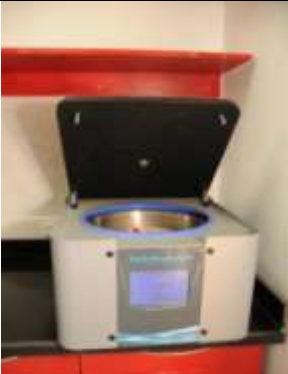




### Objectives of the Unit:





- To carry out scientific researches.
- Applying training programs on the advanced techniques.
- Provide diagnostic services using special methods.
- Arranging seminars and conferences




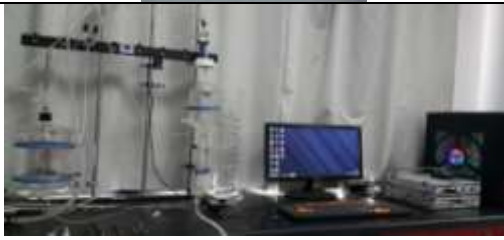

### Facilities available at the Advanced Medical Research Unit

Apparatus	Model	Origin	Photo
DNA extractor <i>(Extracting DNA &amp; RNA from samples)</i>	155104-Mag PuriX125	Sigma U.K	
Real time PCR <i>(Running Different Polymerases chain reaction technique)</i>	24614-669E8-MyGo-Pro	Sigma U.K	

<p>Real time PCR <i>(Running Different Polymerases chain reaction technique)</i></p>	<p>AF50B-7574C-MyGo-Pro</p>	<p>Sigma U.K</p>	
<p>UV: Transilluminator <i>(For visualizing DNA electrophoresis products)</i></p>	<p>S/N WUV-L50</p>	<p>Daihan Scientific (Korea)</p>	
<p>ELISA reader, Incubator Washer <i>(for detecting hormones and different markers)</i></p>	<p>4300-2828 Stat fax - 2200 Stat fax - 2600</p>	<p>U.S.A</p>	
<p>Spectrophotometer UV-visible. <i>(for colorimetric experiments and DNA and RNA quantification)</i></p>	<p>BK-D560 – SIN UTA16A000 2</p>	<p>LABomed U.S.A</p>	
<p>Cooling centrifuge <i>(for separating sensitive samples)</i></p>	<p>K2015R SIN 215238-2 Pro-SEPE</p>	<p>Pro-Research</p>	

<p>Centrifuge <i>(Separating serum and plasma)</i></p>	<p>214421-15</p>	<p>Daihan Scientific (Korea)</p>	
<p>Electrophoresis Vertical &amp; Horizontal with power supply <i>(for separating proteins and DNA)</i></p>	<p>14111408</p>	<p>U.S.A</p>	
<p>Triage Meter Pro system <i>(for Diagnosis of Cardiac disorders)</i></p>	<p>Genelab</p>	<p>Alere health care U.K.</p>	
<p>Water Bath <i>(multi-range temperature adjustment)</i></p>	<p>0400702146 f014</p>	<p>Daihan Scientific (Korea)</p>	
<p>PH METER <i>(Sensitive adjustment of pH)</i></p>	<p>ZT 30BF - 151057</p>	<p>Romania</p>	

<p>Vortex <i>(Mix test tubes contents)</i></p>	<p>A141170 Mix</p>	<p>(Korea) Falc instruments</p>	
<p>Shaker <i>(Shake the test tube racks and plates)</i></p>	<p>Sk-0330.pro7</p>	<p>U.S.A Centurion scientific</p>	
<p>Magnetic Stirrer <i>(For dissolving solutes in solution)</i></p>	<p>MS 300HS</p>	<p>Misung Scientific</p>	
<p>Water Distillator <i>(Supply distilled water for the experimental work)</i></p>	<p>R000102818</p>	<p>U.K</p>	

<p>Sensitive Balance (4 digit) <i>(Accurate weighing of chemicals)</i></p>	<p>AGN 220C</p>	<p>Poland Axis</p>	
<p>Laminar Airflow Cabinet <i>(For tissue culture)</i></p>	<p>CB-V-120</p>	<p>Human lab(Korea)</p>	
<p>Deep Freezer (-40) <i>(To store biological samples)</i></p>	<p>ZT30BF1510 57</p>	<p>Poland Pol-Eko- Apparatura</p>	
<p>Power Lab TC120 For <i>(Pharmacological and physiological experiments on viable organs)</i></p>	<p>T21522008</p>	<p>Master flex U.K</p>	
<p>Power Lab d.p.seleca <i>(Pharmacological and physiological experiments on viable organs)</i></p>	<p>0549988</p>	<p>Master flex Spain</p>	
<p>Refrigerator</p>	<p>GR-EF 40</p>	<p>Toshiba Egypt</p>	

