

**List of equipment items available in the comprehensive research laboratory of
Birjand University of Medical Sciences as per specific laboratory spaces**

Laboratory of Biochemistry and Medicinal Plants				
	Device Name	Manufacturer	Device Model	Number
1	Laboratory Scale	ACCULAB	0.001 g	1
2	Precision Scale	Sartorius	0.0001 g	1
3	Microcentrifuge	Gilson		1
4	Laboratory Fridge	Babeman	4 ° C	1
5	Thermoblock	KIAGEN		2
6	Freezer	GFL, JAL TEB	-80 ° C	3
7	Cold Room 4 ° C		12 m ²	1
8	Cold Room -40 ° C		12 m ²	1
9	Laboratory Freeze-dryer	Dena Vacuum		2
10	Semi-industrial Freeze-dryer	Dena Vacuum		1
11	Water Bath	Pars Azma		2
12	Rotary Evaporator	Heidolph		1
13	Dry Heat	Sana		1
14	HPLC	KNAOUER		1
15	Gas Chromatography (Gc)	Teif Gostar		1
16	Ultrasonic Bath	BANDELIN		1
17	Centrifuge	Sigma, Orum Tajhiz		3
18	PH Meter	Metrohm		1
19	Refrigerated Incubator	Jal Teb	160 Liters	1
20	Refrigerated Centrifuge	Sigma		2
21	Spectrophotometer	Bio-Teck	UV- VIS	3
22	Fixed and Variable Samplers	Eppendorf, Brand		15
23	Desktop Shaker	Heidolph		1
24	Fume Hood			2
25	Chauffe-ballon			8
26	Different Types of Laboratory Glassware			

Laboratory of Biomolecular Research and Genetics				
Row	Device Name	Manufacturer	Device Model	Number
1	Stereo Microscope	Olympus		1
2	Optical Microscope	Olympus		1
3	Fluorescence Microscope	Olympus		1
4	Elisa Plate Reader	Anthos, DANA		2
5	Elisa Washers	Anthos		1
6	Elisa Plate Incubator	Paramed		1
7	UV-VIS Spectrophotometer Plate Reader	Bio-Teck	Epoch	1
8	Thermocycler Device	Eppendorf		1
9	Real Time PCR	ABI	Step-One	1
10	PCR Work-station	Sabz Co.		2
11	Desktop Shaker	Kimiagene Pajooh		1
12	Laboratory Fridge	Pars	4° C	3
13	Freezer	Pars	-20 ° C	2
14	Microcentrifuge	Heteich		1
15	Plate Centrifuge	Eppendorf		1
16	Different Types of Sampler	Eppendorf		10

Laboratory of Cell Culture Research				
Row	Device Name	Manufacturer	Device Model	Number
1	Class II Laminar Flow Hood	Kimiagene Pajooh		2
2	CO2 Incubator	Memmert, Galaxy		2
3	UV Cross-linker Device	KIAGEN		1
4	Water Bath	Memmert		1
5	Magnetic Heater	Farzaneh Arman		1
6	Solar Mixer	D.T.A.P		1
7	Laboratory Fridge	Pars	4° C	2
8	Freezer	Pars	-20° C	1
9	Centrifuge	Sigma		2
10	Inverted Fluorescence Microscope	Olympus		1
11	Simple Fluorescence Microscope	Novex		1
12	Simple Microscope	Olympus		1
13	Desktop Shaker	Padideh Nojen Pars		1
14	Fume Hood			1
15	Microcentrifuge			

Laboratory of Biotechnology and Genetics Research				
Row	Device Name	Manufacturer	Device Model	Number
1	Gel Documentation			1
2	Transluminator Machine	Sabz Co.	Blue Light	1
3	Horizontal Electrophoresis System	Biometric, Peqlab		2
4	Vertical Electrophoresis System	Paya Pajooresh		1
5	Western Blot Imaging System	Sabz Co.		1
6	Autoclave	Rojin Teb & Prestige		3
7	Magnetic Heater	Lab Tech		2
8	Solar Mixer	Behdad		5
9	Microwave	Coral		1
10	Refrigerated Microcentrifuge	Universal		1
11	Centrifuge	Universal, Orum Tajhiz		2
12	Flow Cytometry Device	Partec	Cube 6	1
13	Fluorimeter Machine	Bio-Tech	Cytation 3	1
14	Sonicator	BANDELIN	Sonopuls	1
15	Laboratory Fridge	Pars	4° C	2
16	Freezer	Pars	-20° C	1
17	Incubator	Behdad		2
18	Refrigerated Shaker Incubator	Peco		1
19	Ice Maker	Scotsman		1
20	Tissue Homogenizer	IKA	T18	1
21	Fixed and Variable Samplers	Brand		10

Laboratory of Physiology and Pharmacology Research				
Row	Device Name	Manufacturer	Device Model	Number
1	Mouse Anesthesia System			1
2	Mouse Heart Study and Isolated Bath System	Home Made		1
3	Electrocardiography System	AD Instruments		1
4	Magnetic Heater	Peco		1
5	Water Bath	Memmert		1
6	Stereo Microscope	Olympus		1
7	Fixed and Variable Samplers	Brand		5

Comprehensive Research Laboratory Store				
Row	Device Name	Manufacturer	Device Model	Number
1	Chauffe-ballon			8
2	Hot Plate			16
3	Solar Mixer			3
4	Manometer			4
5	Spectrophotometer			1
6	Dry Heat		50 Liters	
7	Dry Heat		70 Liters	
8	Nitrogen Tank			
9	Helium Tank			
10	CO2 Tank			2
11	Cooler	Saivan		
12	Centrifuge			
13	Iron			