

School of Life Science

SL.No	Name of the instrument	Make	Description
1	Surface Plasmon Resonance (SPR)	Cytiva	Real-time molecular binding kinetics
2	Large Scale Protein Purification unit	Amersham	Bulk protein isolation system
3	Table top Micro Ultra Centrifuge	Beckman Coulter	High-speed small volume separation
4	Floor model Ultra Centrifuge	Beckman Coulter	Large volume density fractionation
5	High Speed Centrifuge	Beckman Coulter	General biological sample pelleting
6	Preparative LCMS	Agilent Technologies	Compound purification with mass ID
7	Confocal Laser Scanning Microscope	Zeiss	High-contrast 3D optical sectioning
8	Resolution Microscopy with	Leica SP8	Nanoscale live cell imaging
9	Ultra Microtome	Leica	Ultra-thin slicing for microscopy
10	In Vivo Imaging	kodak	Small animal biological tracking
11	Sea Horse Metabolic flux Analyzer	Agilent Technologies	Cellular energy metabolism measurement
12	Flow Cytometer LSR Fortessa	BD LifeSciences	Multiparameter cell analysis
13	Flow Cytometer BD FACS ArianII	BD LifeSciences	Cell analysis and physical sorting
14	Covaris Focused Ultra Sonicator M22	Covaris	Precision DNA/RNA fragmentation
15	MilliQEllix	Merck	Ultrapure water generation
16	Real Time PCR Machine with HRM	Roche	Gene quantification and mutation detection
17	Fully Motorized Trinocular Fluorescent Microscope	Leica Microsystems	Automated multi-channel fluorescence imaging