

## **LSU Health Shreveport Research Core Facility Equipment List:**

### **10X Genomics**

10X Chromium Controller for Single-Cell Partitioning and Barcoding

### **Cellular Metabolism**

Agilent Seahorse XFe24 Analyzer

### **Flow Cytometry**

ACEA NovoCyte Quanteon Flow Cytometer (x2)

BD Biosciences FACSAria III Cell Sorter

BD Biosciences LSRII Flow Cytometer

### **Laser Capture Microdissection**

Arcturus XT LCM System

### **Mass Spectrometry**

ThermoFisher Orbitrap Exploris 480 Mass Spectrometer

### **Microarray**

Affymetrix GeneChip System

### **Microscopy**

Leica TCS SP5 Spectral Confocal Microscope

Nikon A1R Confocal & N-SIM Super Resolution System

Nikon Eclipse TE300 Widefield Microscope

Olympus iXplore SpinSR Spinning Disk Confocal Microscope

Zeiss AxioObserver Z1 Widefield/Apotome Microscope

Zeiss LSM 510 NLO Confocal/Multiphoton Microscope

### **Next Generation Sequencing**

Illumina MiSeq Next Generation Sequencer

Illumina NextSeq 550 Next Generation Sequencer

Illumina NovaSeq 6000 Next Generation Sequencer

### **Real-Time Quantitative PCR**

Bio-Rad CFX96 Fast Real-Time PCR Instrument (x3)

Bio-Rad CFX384 Touch Real-Time PCR Instrument