

RESEARCH CORE FACILITY

Major Equipment List

Flow Cytometry

BD Biosciences FACSAriaIII Flow Cytometer/Cell Sorter
BD Biosciences FACSCalibur Flow Cytometer
BD Biosciences LSRII Flow Cytometer
BD Biosciences LSRII-SORP Flow Cytometer

Gene Array

Affymetrix GeneChip System

Laser Capture Microdissection

Arcturus XT LCM System

Mass Spectrometry

Thermo Finnigan Deca XP Max Nanospray LC/MS Mass Spectrometer
Waters SYNAPT High-Resolution Mass Spectrometer
Waters Q-TOF Micro Mass Spectrometer

Microscopy

Leica TCS SP5 Spectral Confocal Microscope
Nikon A1R Confocal & N-SIM Super Resolution System
Nikon Eclipse TE300 Widefield Microscope
Zeiss AxioObserver Z1 Widefield/Apotome Microscope
Zeiss LSM 510 NLO Confocal/Multiphoton Microscope

Next Generation Sequencing

Illumina MiSeq Sequencer
Illumina NextSeq 550 Sequencer

Real-Time Quantitative PCR

ABI 7900HT Fast Real-Time PCR Instrument
Bio-Rad CFX96 Fast Real-Time PCR Instruments (3)