

**COLLEGE OF MEDICINE
CORE FACILITIES**

FRED WRIGHT FLOW CYTOMETRY CORE MDC 3111

<http://health.usf.edu/corefacilities/flowcytometry/template.htm>

Scientific Director: Tom Klein, PhD

Core Manager: Charlie Szekeres, PhD

Equipment:

BD FacsAria Analyzer/Sorter (High-speed Three-laser flow cytometer)

BD LSR II Analyzer (Three-laser bench-top flow cytometer)

BD Canto II Analyzer (High-throughput flow cytometer)

Miltenyi AutoMacs Pro (Automated magnetic cell sorter)

BIOANALYTICS SHARED RESOURCE MDC 3111

<http://health.usf.edu/corefacilities/proteomics/index.htm>

Equipment:

GE Typhoon Imager [Storage phosphor autoradiography, Direct blue excited fluorescence (457, 488 nm), Direct green-excited fluorescence (532 nm), Direct red-excited fluorescence (633 nm), Chemiluminescence]

Molecular Probes Storm 860 Imager (Phosphoimager, fluorescence detector at two different wavelengths)

BioRad 4 color Real Time PCR

MASON LABORATORY FOR SMALL ANIMAL IMAGING

COM/St Pete Vivariums

Scientific Directors:

Kersti Linask, PhD, James Huhta, MD (St Pete - Echocardiography)

Richard Heller, PhD (Tampa – Animal Imaging)

Eric Bennet, PhD (Tampa – Telemetry)

Equipment:

VisualSonics Vevo Microultrasound (St Pete Vivarium)

DSI Implantable Telemetry System (COM Vivarium)

Xenogen IVIS Imaging System - Spectrum (COM Vivarium)

Laser Doppler Imaging System (COM Vivarium)

Olympus IV100 Intravital Laser Scanning Microscope (COM Vivarium)

USF BIostatISTICS CORE

The mission of the Biostatistics Core is to assist the investigators in all aspects of study design and statistical analysis of clinical, epidemiological, and laboratory research with the ultimate goal of enhancing the scientific quality of our inquiry.

Statistical Analysts:

Ms. Kathy Downes (USF Health South Campus)

Office Location: HMT 470

Phone: 844-4898

Fax: 844-8121

Email: kdownes@health.usf.edu

Mailing Address

Office of Clinical Research
Tampa General Hospital
2 Columbia Drive, CEDAR Building
Tampa, FL 33606
Dr. Ren Chen (USF Health North Campus)
Office Location: MDC 2302
Phone: 974-9019
Fax: 974-3081
Email: rchen@health.usf.edu

Mailing Address

Office of Clinical Research
College of Medicine
University of South Florida
12901 Bruce B. Downs, Blvd., MDC 61
Tampa, FL 33612

MOUSE BEHAVIOR CORE

Scientific Director: Edwin Weeber, PhD
Vivarium

Equipment:

Novel Object	Radial Arm Maze	Fear Conditioning
Recognition	Barnes Maze	Tail Suspension
Rota Rod	Y Maze	Tail Flick
Open Field	T Maze	Hot/Cold Plate
Light/Dark Box	Zero Maze	Pre-Pulse Inhibition
Elevated Plus Maze	Water Maze	
Porsolt Forced Swim	Passive Avoidance	

**LISA MUMA WEITZ LABORATORY FOR ADVANCED MICROSCOPY
& CELL IMAGING MDL 1022-1025**

Scientific Director: David Birk, PhD
Core Manager: Byeong Cha, PhD

Equipment:

Digital Leica DM4000 Fluorescence Microscope with Stereologer System
Leica TCS SP2 laser scanning confocal microscope
Olympus FV1000 MPE multiphoton laser scanning microscope
ArcturusXT Laser capture microdissection system
JEOL JSM6490 Scanning Electron Microscope
JEOL 1400 Transmission Electron Microscope
Oncor deconvolution microscope system
Dakor Automated Immunostainer
2 Ultramicrotomes

