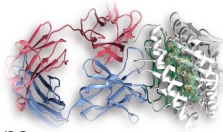


FLSI Research Infrastructure Facilities

Mass Spectrometry Incubator (MSI)

Proteomics Services

gel band ID
untargeted proteomics
targeted proteomics
post-translational modifications



High-Res Small Molecule Services

metabolites - untargeted profiling
Lipidomics
accurate mass analysis (within 5 PPM)

Targeted Small Molecule Services

PFAS
Amino acids, auxin, steroid hormones
Custom Methods Development



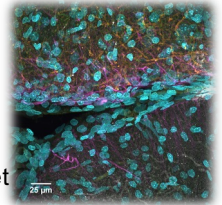
Contact Us

General Inquiry: flsi-msi-g@vt.edu

Facility for Advanced Imaging & Microscopy (FAIM)

Instrumentation

Nikon AXR+NSPARC
Abberior STEDYCON
Nikon SoRa
Zeiss LSM 880
NEW! Zeiss Lattice Lightsheet



Services

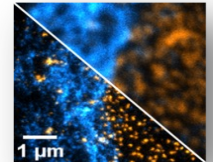
Equipment Use
Consultation & Experimental Design

*Which is the right tool for the job? Does this
instrument provide the images I need to
answer my research question?*

Training & Workshops

Contact Us

Dr. Emery Ng
ngemery@vt.edu



Genomics Sequencing Center (GSC)

Instrumentation

Illumina MiSeq, NextSeq 2000
Oxford Nanopore PromethION 24
Thermo SeqStudio Flex
Coming Soon! - Illumina NovaSeq X



Services

Sample QC
Next Generation Library Prep & Sequencing
Sanger DNA sequencing (daily service)
Consultation & Experimental Design
*Whole genome sequencing, RNAseq,
16S metagenomics, grant support,
bioinformatics referral, NGS
troubleshooting, single cell
RNAseq applications and more!*

Equipment Use (qPCR, 10X Chromium X)

Contact Us

Megan Naff
NGS queries: flsi-illuminaeq-g@vt.edu
Sanger queries: flsi-sangerseq-g@vt.edu
Lab Phone: (540) 231-1299



Flow Cytometry Laboratory (FCL)

Instrumentation

ImageStream Mk II Imaging Cytometer

*Combines the speed and objectivity
of flow cytometry with the detailed
imagery of a microscope*



BD FACSARIA Fusion Flow Cytometer

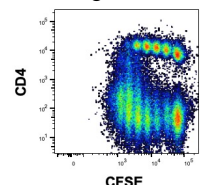
*Capable of processing up to 70,000
events per second and sorting up to
four different cell populations at once.*

Services

Equipment Use
Consultation & Experimental Design
Methods Development
Training & Workshops

Contact Us

Melissa Makris
mmakris@vt.edu



**Our labs are in
Steger Hall on the main
Virginia Tech Campus
(1015 Life Science Cir, Blacksburg, VA)**

**Need more info?
Check out our
websites!**

