



CMiST Facilities

The CMiST laboratory space is currently shared with Dr. William DePaolo's research group which occupies three laboratories on the third floor and a dedicated microscope room on the fourth floor of the K-wing in the Health Sciences Building at the University of Washington Medical Center.

Main Laboratory (HSB K327A)

The main laboratory has eight lab benches and can comfortably support 8-15 people. The lab is designed with shared or touch down bench space for CMiST clinicians and junior faculty who may not have space of their own, but who are trying to obtain preliminary data for grants and independence. Dr. DePaolo will also offer mentorship and guidance to these individuals.

This lab is equipped with

- LI-COR Odyssey Fc system
- MoBio PowerLyzer 24 homogenizer
- BioRad RT-PCR
- BioRad Thermocycler
- Beckman Coulter Avanti JXN-30 high speed floor centrifuge
- Eppendorf and Beckman Coulter table top centrifuges
- Eppendorf bench top centrifuges
- Thermo Fisher -20C refrigerators
- Eppendorf Innova -80C freezers
- Fume hoods
- Western blot, chemi and fluorescent, gel imaging

Sterile Culture Room (HSB K327B)

The sterile culture room, is adjacent and can only be accessed through the main lab.

This lab is equipped with

- Baker biosafety cabinets
- Eppendorf CO2 incubators
- Eppendorf table top centrifuge
- Eppendorf Innova -80C freezer
- Thermo Fisher refrigerator/freezer combo
- Leica inverted microscope with camera system
- Leica upright microscope both with camera systems

Biosafety Level 2 Laboratory (HSB K331)

The BSL2 lab is next to the sterile culture room and is only accessible through the hallway and has a keypad lock.

This lab is equipped with

- Bruker MALDI-TOF Biotyper
- Shell Lab Bactron900 anaerobic chamber
- New Brunswick Innova shakers
- Eppendorf CO2 incubator
- Eppendorf -80C Innova freezer
- Thermo Fischer spectrophotometer
- Thermo Fisher upright incubator
- Baker biosafety cabinet

CMiST microscope suite (HSB K415)

- Leica LMD7 laser microdissection microscope
- Leica fluorescent microscope

CMiST office suite (HSB K443)

The office suite is located on the fourth floor, K443, and houses the Director's office and the office of the CMiST Program Manager. The 600-square foot suite, includes the CMiST Lounge, furnished with a bar-height table and bar stools, outlets for charging laptops and mobile devices, a small sofa and coffee station. The space was specifically designed to promote sharing and collaboration, while also being comfortable and quiet. The CMiST Lounge is for visiting faculty, clinicians, donors and vendors. The suite also houses a small conference room and shares a glass wall with the CMiST Lounge that can be opened to accommodate larger meetings and social events. The room is equipped with Wi-Fi and will have video conferencing capabilities.