1. **Spektrofotometry**: HPLC, FTIR, Surface analyzer, TGA EA, TOC, Alicat, Zeta sizer, TGA, Zeta sizer, Zetasizer, RT-PCR, LSPR, FTIR, Cary spectrophotometer UV, FTIR, and other instruments available for researchers, students, and independent users.

2. **ICP**: ICP Spectrometers are used for multi-element analysis in solution. Two ICP instruments are planned to be acquired in March, one for ICP-MS and one for ICP-OES. The preparation room includes microwaves, ICP-OES-MS, and a gas holder for controlled CO2, humidity, and temperature.

3. **GCMS-HR**: Two GCMS-HR, LCMS-Orbutrap, Q-Exactive, GC-MS, and other systems are available.

4. **SEM**: High resolution SEM- JEOL 7800 includes STEM and detector for imaging attached cryo-SEM apparatus and elemental analysis device. Low vacuum SEM-JEOL IL100- Laser scanning confocal- Leica SP8, It has an incubator with controlled CO2, humidity and temperature.

Fluorescent light microscopy- Light microscope-EVOS, Binocular-Leica, FACS Sorter, FACS analyzer.