

**Newly Available Equipment Resources
Available on Campus- August 2018**

Dear Research Personnel,

The Division of Research and Innovation would like to bring to your attention newly available campus resources to support your research at the UNT Health Science Center.

Available through the UNT System College of Pharmacy Pharmaceutical Sciences Department are:

1. **Wyatt Technologies Mobius Dynamic Light Scattering Instrument.** A particle size analyzer which uses batch dynamic light scattering measurements.
2. **Agilent Infinity Bioinert Quaternary HPLC System with Evaporative Light Scattering Detector.**
3. **ViscoLab 3000, Temperature Controlled Viscometer.** A viscometer with an integrated heater allowing viscosity measurements at user-defined temperatures.

If you are interested in using the DLS or Viscometer, please contact Dr. Michail Kastellorizios, Michail.Kastellorizios@unthsc.edu, for more information.

For more information related to the HPLC, please contact Donna Coyle in the SCP Pharmaceutical Analysis Core Lab at Donna.Coyle@unthsc.edu.

Available through the Discovery Centers in either CBH-201 or RES-208 are:

1. **Protein Simple Wes.** In 3 hours, [Wes™](#) lets you separate and analyze proteins, from up to 25 samples, by size from 2-440 kDa.
2. **Malvern Zetasizer Nano-ZS.** The Zetasizer Nano ZS is a high performance two angle particle and molecular size analyzer for the enhanced detection of aggregates and measurement of small or dilute samples, and samples at very low or high concentration.
3. **Microfluidics LV-1 Low Volume Microfluidizer Homogenizer.** Allows high shear fluid processing of samples as small as 1mL.
4. **Buchi Rotavapor with vacuum pump and recirculating chiller.**

Available through a collaboration between the Discovery Centers and Exact Diagnostics are the following services. Services are provided to UNTHSC researchers for the cost of reagents.

5. **ABI 7500 Real-Time PCR System**
6. **BioRad QX200 Droplet Digital PCR System**
7. **Illumina MiSeq System**

Please contact Katrina Gordon, Katrina.Gordon@unthsc.edu for more information about resources available through the Discovery Center.