UTHealth®

McGovern Medical School

The University of Texas Health Science Center at Houston

Interventional Radiology

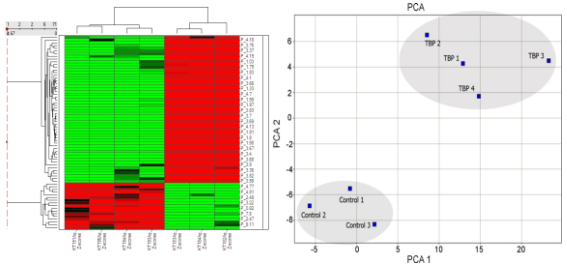
Disposable catheter inserted into vein | Vein warmed and collapses | Catheter withdrawn, closing vein

IBD Therapy Response and Prediction of Bone Fractures

Translational Cancer Research

Translational Cancer Research uses patient-specific information to:

- **Develop new medications**
- **Predict medication dosage**
- **Avoid accidental overdose**
- **Develop biomarkers**
- **Develop new methods**
- **3D Print biological parts**

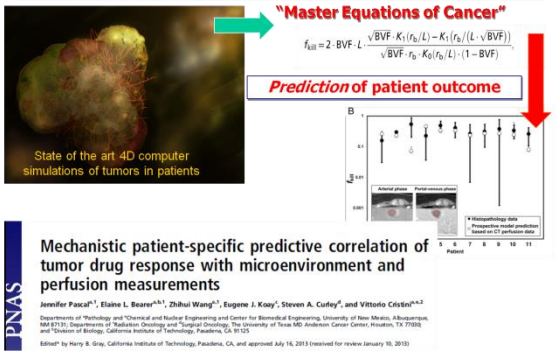


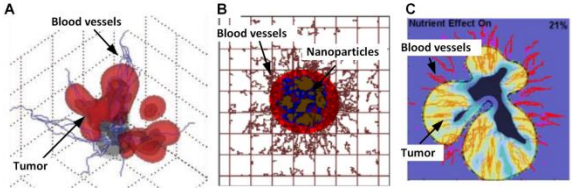
Metabolic & Proteomic Profiling

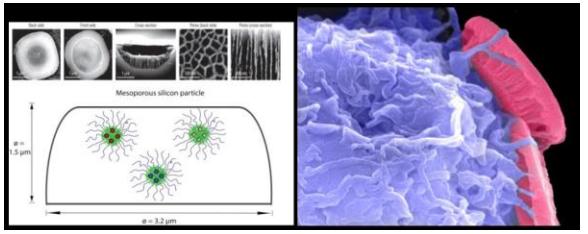
Center for Translational Cancer Research,
Institute of Molecular Medicine, UTHealth
1825 Pressler Street
Houston, TX 77030

https://www.uth.edu/imm/centers/center-for-translational-cancer-research.htm

Mathematical modeling integrated with clinical trials to maximize treatment outcome

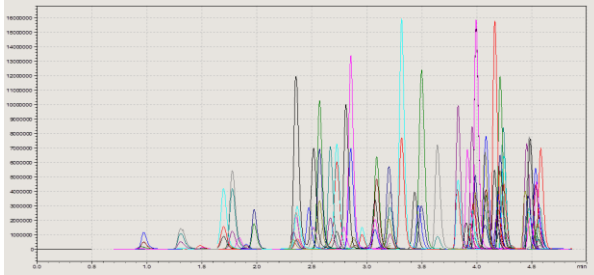




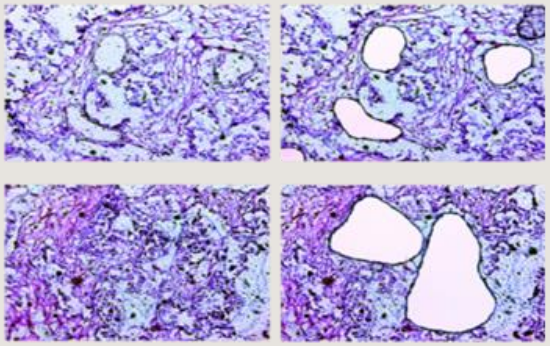


IMM Center for Translational Cancer Research

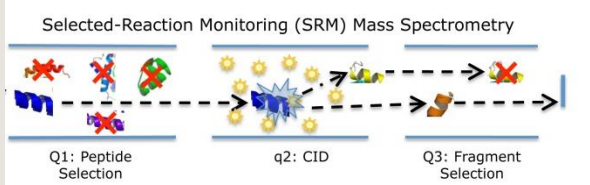
Clinical & Translational Proteomics:



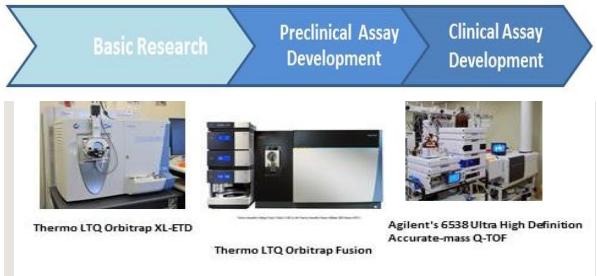
Therapeutic Drug Monitoring



Laser Microdissection



Targeted Proteomics



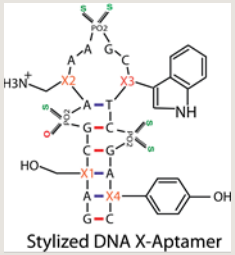
The center has two large-scale, high-resolution 3D printers for the manufacture of multi-color prototypes and production models of surgical instruments, tissue models and laboratory equipment. We can print biological tissue models using CT or MRI scans.

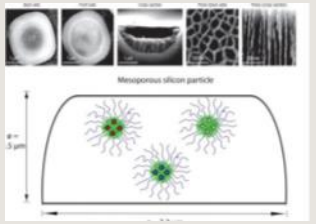
3D printed leg bone from a dimetrodon (a dinosaur) on the 3D printer bed with support

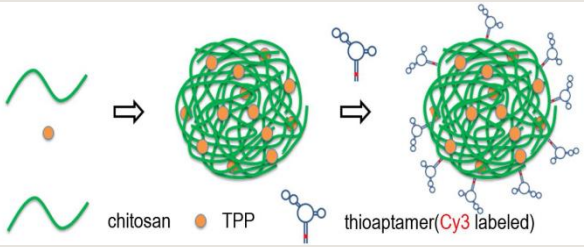
Multi-color prototypes and toys

NanoChemistry & 3D Printing Services:

Development of X-Aptamers and Hybrid Particle Systems







Reduction of Cancer Metastasis using our ESTA-1 Thioaptamer