

McGovern Medical School

The University of Texas
Health Science Center at Houston

Interventional Radiology







Vein warmed and collapses



Catheter withdrawn, closing vein

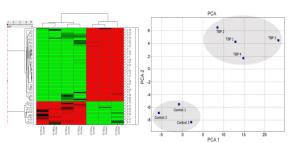
IBD Therapy Response and Prediction of Bone Fractures



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

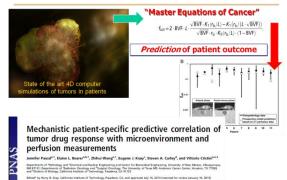
Center for Translational Cancer Research,

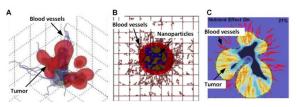
Institute of Molecular Medicine, UTHealth

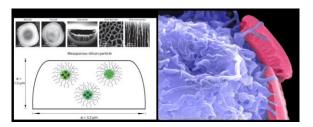
1825 Pressler Street Houston, TX 77030

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

Mathematical modeling integrated with clinical trials to maximize treatment outcome

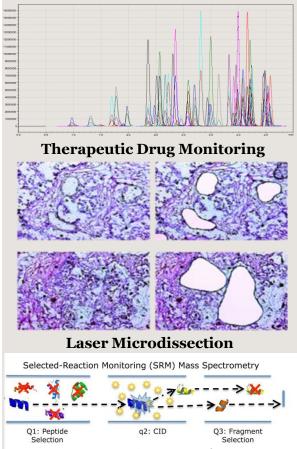






IMM Center for Translational Cancer Research

Clinical & Translational Proteomics:



Targeted Proteomics

Preclinical Assay Development

Clinical Assay Development



Thermo LTQ Orbitrap XL-ETD





Agilent's 6538 Ultra High Definition
Accurate-mass Q-TOF

Thermo LTO Orbitrap Fusion

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



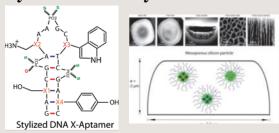
3D printed leg bone from a dimetrodon (a dinosaur) on the 3D printer bed with support

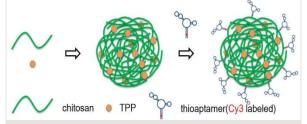


Multi-color prototypes and toys

NanoChemistry & 3D **Printing Services:**

Development of X-Aptamers and Hybrid Particle Systems





Reduction of Cancer Metastasis using our ESTA-1 Thioaptamer

