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,
UTHHealth
1825 Pressler Street
Houston, TX 77030
www.uth.edu/imm/centers/center-for-precision-biomedicine.htm
Clinical & Translational Proteomics:

- Therapeutic Drug Monitoring
- Laser Microdissection

NanoChemistry & 3D Printing Services:

- Development of X-Aptamers and Hybrid Particle Systems
- Reduction of Cancer Metastasis using our ESTA-1 Thioaptamer

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