

# UT Southwestern Clinical Nanomedicine Core

**Goal:** Providing resources in nano-immuno-oncology to basic science labs as well as clinical researchers to foster synergy in translational research

## State-of-the-art equipment and trained staff in three distinct areas:

Scientific director

Clinical director



Jinming Gao, Ph.D.



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Victoria Esser, PhD

### Nano-Chemistry

- PolySTING
- GPC
- HPLC/FPLC
- DLS –Zetasizer
- Fluorimeter/UV-Vis

### Biology

- BioProfile Flex2
- Li-Cor Odyssey CLX
- FlexMap 3D
- Slide Stainer
- TapeStation



### Head & Neck Tissue Bio-Bank

- >3,500 specimens from 500+ patients
- Fresh tissues
- Specimen include:
  - Tumor tissue
  - Matching normal tissue
  - Whole blood
  - Plasma
  - Oral Rinse
- Equipment for QC:
  - Flow Cytometer
  - TapeStation