The **CCTS SPAN** and **Biorepository** specializes in research based clinical specimen processing and specimen biobanking with barcoded inventory management. Our lab located within the CCTS Clinical Research Unit (CRU) in Jefferson Tower is able to facilitate rapid processing of participant research specimens from individuals participating in clinical trials. Additionally, we offer more complex human blood processing in our facility located in Shelby 230.

**Specimen Processing**
- Aliquoting
  - Serum
  - Plasma
  - Urine
  - Buffy Coat Isolation
- And more!

**CRU Location**
- Short Term Specimen Storage
- Long Term Specimen Storage

**DNA Services**
- DNA Extraction
  - Whole Blood
  - Frozen Blood Samples
  - Buffy Coats
- DNA Quantitation
  - Absorbance 260/280
  - 16 well Nanodrop
  - Trinean
  - Pico Green
  - Qubit

**Cell Services**
- Immortalization of Lymphocytes
- PBMC Isolation
- Cryogenic Preservation
- Regrowth of cell lines
- Flow Cytometry Preparation

**Biobanking**
- -80 & Cryogenic Specimen Banking
- Barcoded Specimen Management Database
  - Inventory
  - Metrics
- Recruitment of Participants
- Storage of Specimens & Retrieval on Request

**Getting Started:**
We are able to help in the development of a specimen collection plan at any point in a study’s construction. We are able and willing to provide consultation based on the specific needs of your study.

We are here to help you!

**DNA Services**

**Cell Services**

**Biobanking**

**Contact Us**

**Shelby 230 934-7938**
Jing Wu, Rachael Shevin, Yoonhee Ryder
Jefferson Tower 934-7967
Maitlyn Mullen, Ray Waliagha, Trent Scarboro

**Additional CCTS Resources**

We are available to work with the **Clinical Research Unit (CRU)** patient facilities to facilitate “bedside-to-bench” research.

We participate in the **UAB Biorepositories** which seeks to build a dynamic wealth of information for a community of researchers by managing collections to better develop new collaborative opportunities.

We work with the **Clinical Research Support Program (CRSP)** to provide support in transport and shipment of samples for clinical trials.

We are a resource of the **CCTS Research Commons** through which additional services can be found.