The **CCTS SPAN and Biorepository** specializes in research based clinical specimen processing and specimen biobanking with barcoded inventory management in **OnCore**. Our lab located within the CCTS Clinical Research Unit (CRU)/Phase I clinics 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 and storage in our Shelby Building lab.

### Specimen Processing
- Blood, urine, CSF processing and storage
- CRU/Phase I Clinic Location
- Integration of specimen management in OnCore allows specimen collection to be associated with patient records and the study calendar

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

**We are here to help you!**

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

### Cell Services
- **PBMC Isolation And Cryogenic Preservation**
- Immortalization and Cryogenic Preservation of Lymphocytes

### Biobanking
- **-80 & Cryogenic Specimen Storage**
  - Barcoded Specimen Management in OnCore
    - Inventory
    - Metrics
  - Biospecimen shipping
  - Standardized SOPs and ongoing QC/proficiency testing schemes

### Contact Us
- **Shelby 230** 934-7938
- **Jefferson Tower JT1515** 934-7967
  - Rachael Shevin
  - Maitlyn Eady

**Additional CCTS Resources**
- Collaboration with the **Clinical Research Unit (CRU)** and **Phase I** patient facilities facilitates “bedside-to-bench” research.
- Integration with the **Clinical Informatics** group allows stored specimens to be discoverable through the **i2b2** system to facilitate potential collaborations with other UAB Investigators.
- We work with the **Clinical Research Support Program (CRSP)** to provide support in transport and shipment of samples for clinical trials.