The **CCTS Specimen Processing and Biorepository** specializes in research based clinical specimen processing and biobanking with barcoded inventory management. Our lab is located within the CCTS Clinical Research Unit (CRU) in Jefferson Tower. More complex blood processing occurs in our facility located in Shelby 230.

### Specimen Processing
- Consultations on study design and sample transport
- Aliquoting

### DNA Services
- DNA Extraction
- DNA Quantification
- Sample transfer for genomic analyses

### Cell Services
- Lymphocyte Immortalization
- PBMC Isolation
- Cryogenic Preservation
- Flow Cytometry Preparation

### Biobanking
- Barcoded Specimen Banking
- OnCore Specimen Management
- Specimen Disposition
- Inventory Assessment

### CCTS Connects
- Working with the **Clinical Research Unit (CRU)** to facilitate “bedside-to-bench” research
- Inventory of specimens maintained in the **Clinical Trial Initiative’s OnCore Research Biospecimen Management module**
- Partnering with **UAB Biorepositories** to build integrated and dynamic collections to enable access and collaboration.