



CCTS SPAN and Biorepository

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.

Additional Information

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

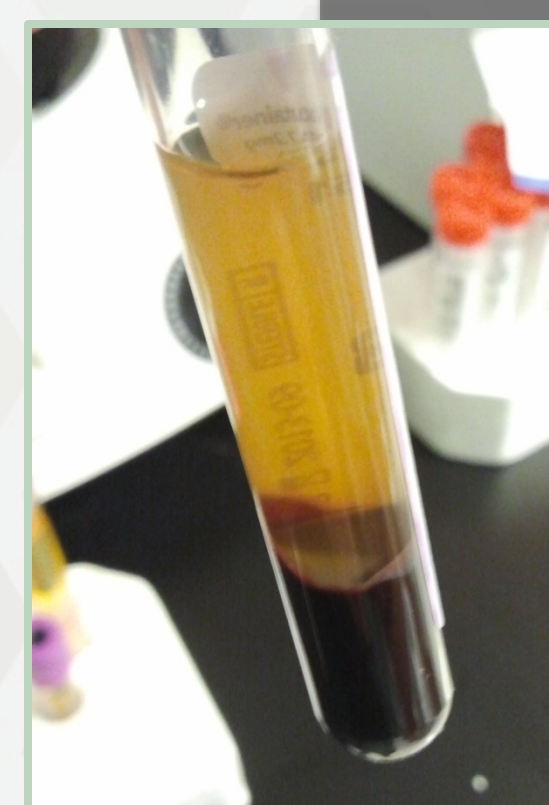
We are available to work with the **Clinical Research Unit (CRU) and Phase I Unit** to facilitate “bedside-to-bench” research.

We can provide support in shipment of samples for clinical trials and translational research projects.

Specimen Processing

Specimen 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
- 96 well plate
- 16 well Nanodrop
- Pico Green



Cell Services

Immortalization of Lymphocytes



PBMC Isolation

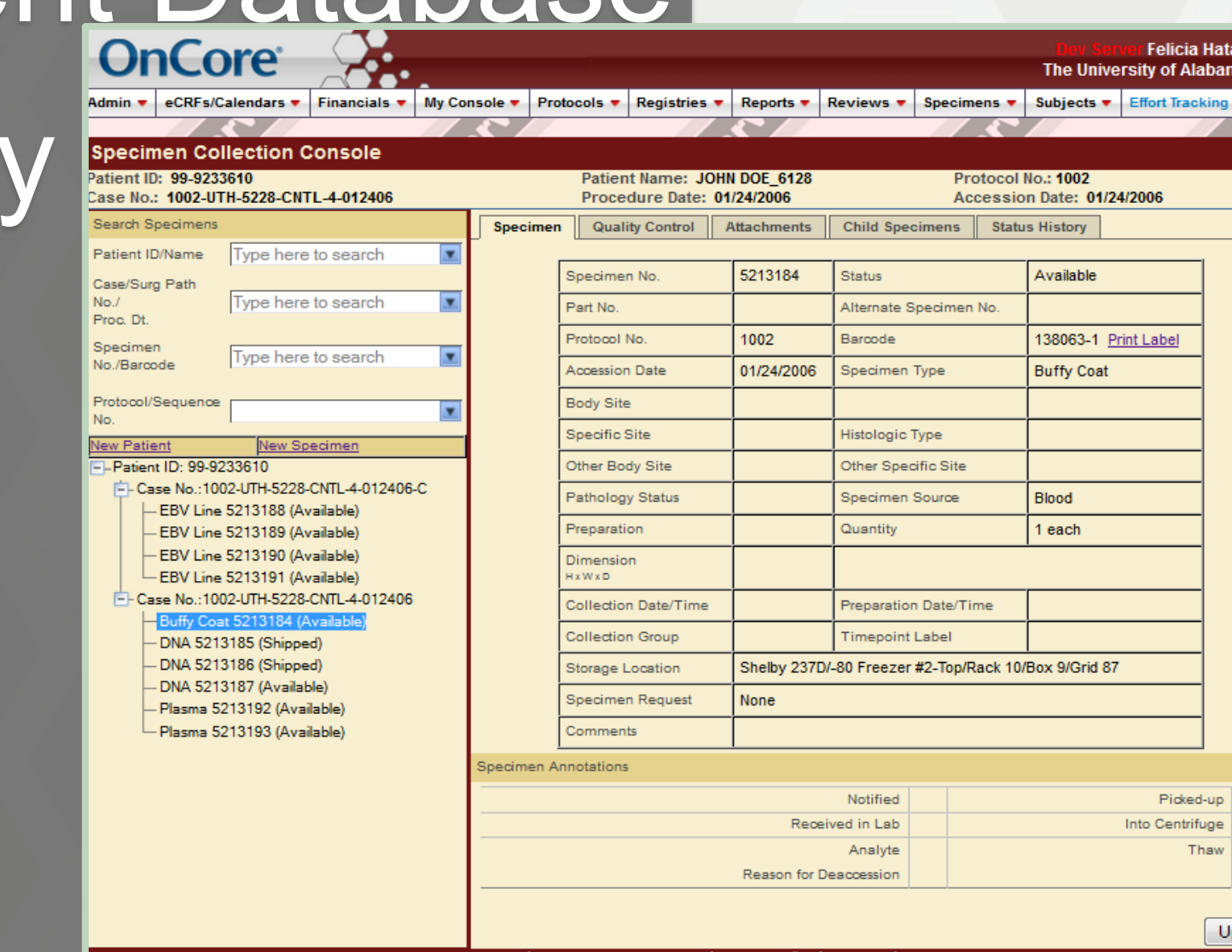
Cryogenic Preservation

Biobanking

-80°C & Cryogenic Specimen Banking

Barcoded Specimen Management Database

- Inventory
- Metrics

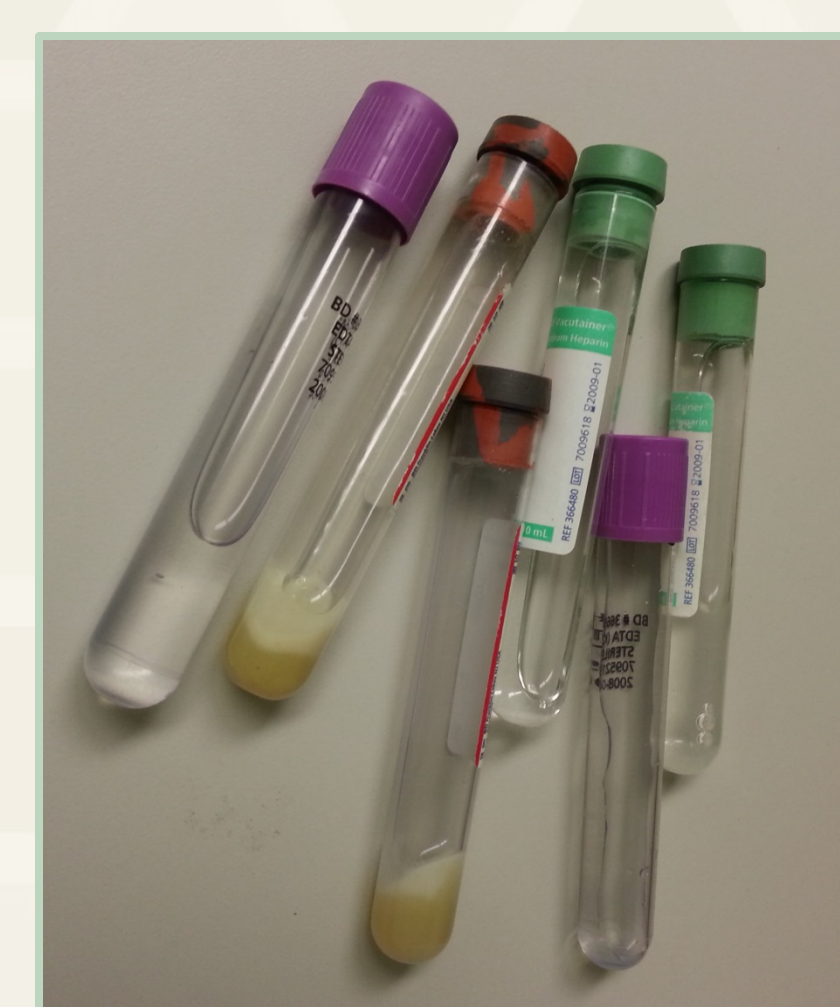


Storage of Specimens & Retrieval on Request

Getting Started:

We are able to help in the development of a specimen collection plan at any point during study design. We are able and willing to provide consultation based on the specific needs of your study.

We are here to help you!



Contact Us

Shelby 230 934-7938
Jing Wu, Trent Scarboro, Krista Doss

Jefferson Tower 1515 934-7967
Maitlyn Mullen, Allie Gubbels

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

