



Scripps Health/Scripps Clinic Biorepository and Bioinformatics Core Monthly Report

2/2024

Specimen Collection

Total Aliquots: **49,746 (in physical inventory)**

Aliquots added in February: **789**

Total Samples: **22,702 (in physical inventory)**

Samples added in February: **163**

Specimens (aliquots) Released for Research in February: **0**

Total Specimens Released for Research: **9,864**

New Contributing Sources: **0**

Total Contributing MD Sources/locations: **23**

Participants

BR Consented: **2,845**

New Consents in February: **82**

Non-Consented Contributors (inherited studies/remnant specimens): **9,969**

Remnant Samples

COVID-19: **2,065**

FLU A: **1,227**

FLU B: **22**

RSV: **19**

Normals: **463**

Others: **3**

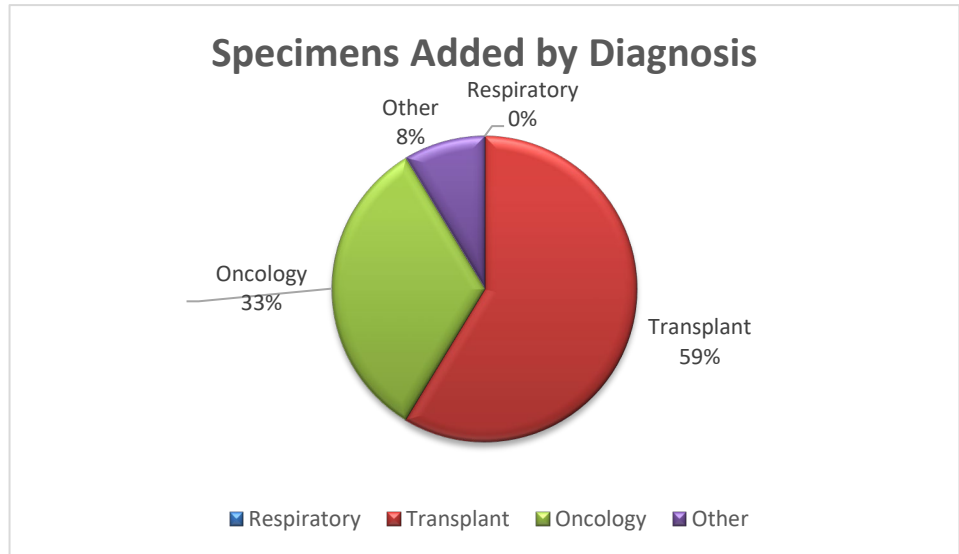
Normal Samples

Apparently Healthy Donors (Consented): **162**
Participants added in February: **1**

Primary Diagnosis Breakdown

Specimens added to Inventory

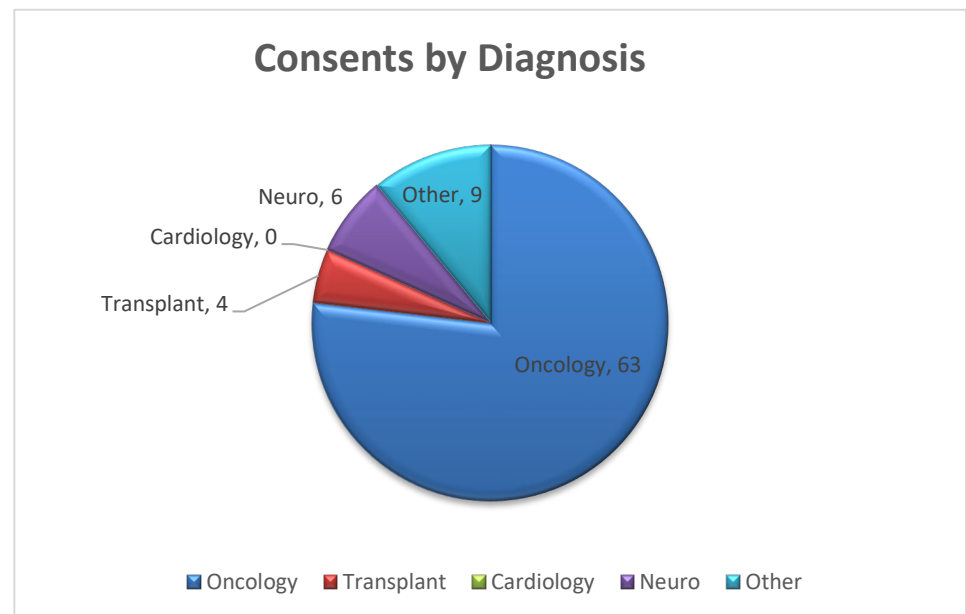
Respiratory: **0**
Transplant: **463**
Oncology: **258**
Other: **68**



New Consents:

By Diagnosis

Oncology: **63**
Transplant: **4**
Cardiology: **0**
Neuro: **6**
Other: **9**



Bio-Specimen Requests

Pending Requests: **0**
Requests Approved by the Oversight Committee in February: **2**
Recently Approved Requests: **2**

- **Ana Florescu (In Diagnostics):** QuicLiver & Kidney Test, Serum/Plasma samples
- **OLP-II Registry Study (Transmedics):** Reviewing charts of liver transplant recipients whose donor organs underwent perfusion on a liver pump.

Recent Publications from SCBBC Staff & Investigators Utilizing the SCBBC (2022-2024 FY)

1. Hill MD, Gill SS, Le-Niculescu H, MacKie O, Bhagar R, Roseberry K, Murray OK, Dainton HD, Wolf SK, Shekhar A, **Kurian SM**, Niculescu AB. Precision medicine for psychotic disorders: objective assessment, risk prediction, and pharmacogenomics. **Mol Psychiatry**. 2024 Feb 8. doi: 10.1038/s41380-024-02433-8. Epub ahead of print. PMID: 38326562.
2. New J, Cham J, Smith L, Puglisi L, Huynh T, **Kurian S**, Bagsic S, Fielding R, Hong L, Reddy P, Eum KS, **Martin A, Barrick B, Marsh C**, Quigley M, Nicholson LJ, Pandey AC. Effects of antineoplastic and immunomodulating agents on postvaccination SARS-CoV-2 breakthrough infections, antibody response, and serological cytokine profile. **J Immunother Cancer**. 2024 Jan 31;12(1): e008233. doi: 10.1136/jitc-2023-008233. PMID: 38296596; PMCID: PMC10831464.
3. Long JJ, Motter JD, Jackson KR, Chen J, Orandi BJ, Montgomery RA, Stegall MD, Jordan SC, Benedetti E, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Verbesev JE, Lipkowitz GS, Rees MA, **Marsh CL**, Sankari BR, Gerber DA, Wellen JR, Bozorgzadeh A, Gaber AO, Heher EC, Weng FL, Djamali A, Helderman JH, Concepcion BP, Brayman KL, Oberholzer J, Kozlowski T, Covarrubias K, Massie AB, McAdams-DeMarco MA, Segev DL, Garonzik-Wang JM. Characterizing the risk of human leukocyte antigen-incompatible living donor kidney transplantation in older recipients. **Am J Transplant**. 2023 Sep 23: S1600-6135(23)00698-6. doi: 10.1016/j.ajt.2023.09.010. Epub ahead of print. PMID: 37748554.
4. Long JJ, Nijhar K, Jenkins RT, Yassine A, Motter JD, Jackson KR, Jerman S, Besharati S, Anders RA, Dunn TB, **Marsh CL**, Rayapati D, Lee DD, Barth RN, Woodside KJ, Philosophe B. Digital imaging software versus the "eyeball" method in quantifying steatosis in a liver biopsy. **Liver Transpl**. 2023 Mar 1;29(3):268-278. doi: 10.1097/LVT.000000000000064. Epub 2023 Jan 19. PMID: 36651194.
5. Towards precision medicine for anxiety disorders: objective assessment, risk prediction, pharmacogenomics, and repurposed drugs. Roseberry K, Le-Niculescu H, Levey DF, Bhagar R, Soe K, Rogers J, Palkowitz S, Pina N, Anastasiadis WA, Gill SS, **Kurian SM**, Shekhar A, Niculescu AB. **Mol Psychiatry**. 2023 Mar 7. doi: 10.1038/s41380-023-01998-0.
6. **Kurian, Sunil M. PhD**; Stewart, Darren E. MS; Toll, Alice MS; Checchi, Kyle MD1; Case, Jamie PhD; **Marsh, Christopher L. MD**, Renal Function at Discharge Among Kidney Recipients Experiencing Delayed Graft Function and Its Associations with Long-term Outcomes. **Transplantation Direct**: December 2022 - Volume 8 - Issue 12 - p e1414doi: 10.1097/TXD.0000000000001414