

NRG Oncology Biospecimen Bank Report

(U24 Grant)

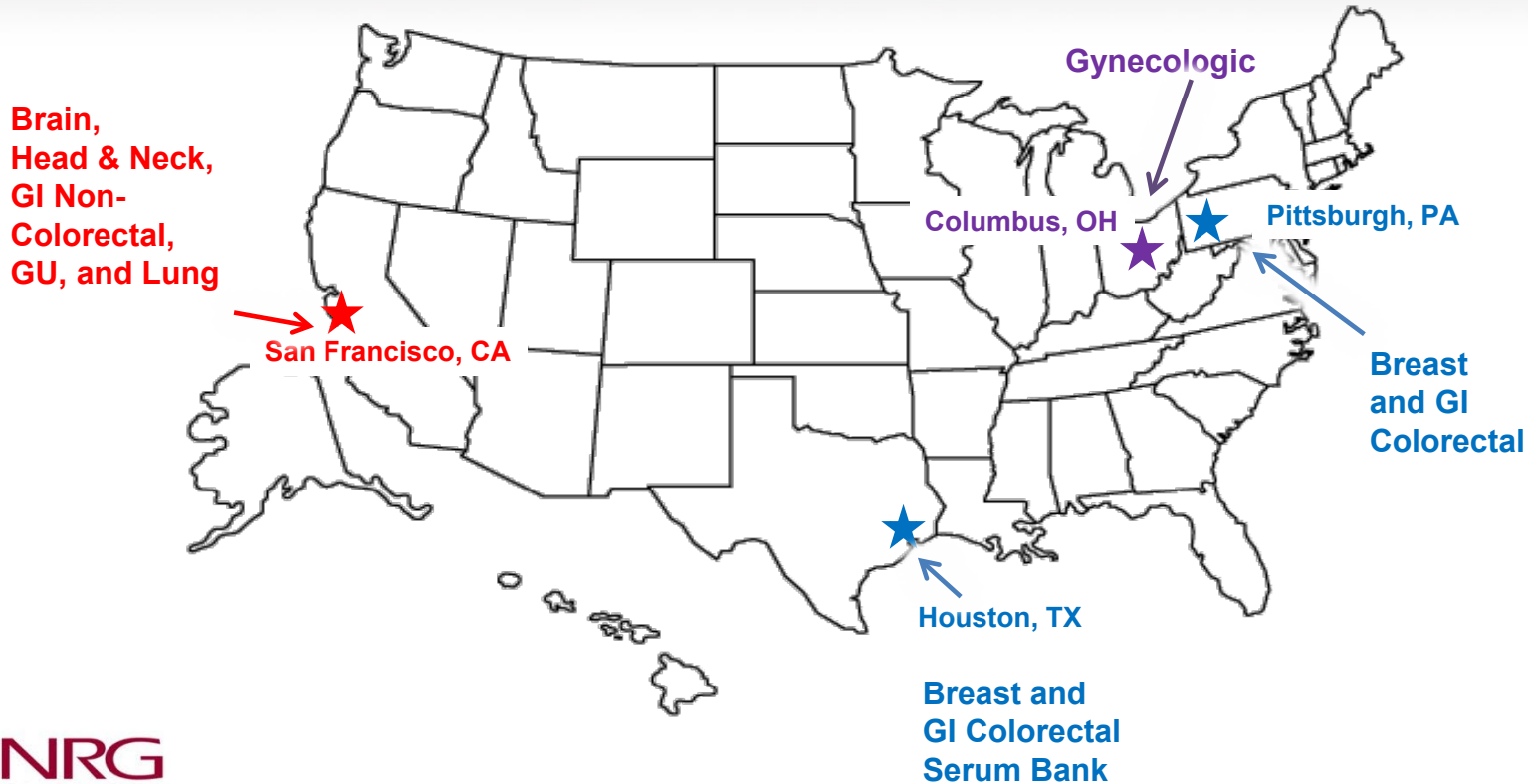
Biospecimen Bank Directors

Richard Jordan, Nilsa Ramirez, Peter Lucas, Jeff Simko*

NRG Oncology Summer Meeting July 2023

*Corresponding PI

NRG Oncology Biospecimen Banks





Thank you Richard Jordan

Corresponding NRGBB PI for 12 years (2011-2023)

Continuing:

NRGBB-SF site PI

NRG H&N disease site pathologist

Corresponding PI: Jeffry Simko

NRG
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Biospecimen Types Collected

FFPE TISSUE	FROZEN TISSUE	BLOOD BIOSPECIMENS	OTHER
Blocks Unstained Slides Stained Slides Scrolls Punches (cores)	Snap Frozen Cores in OCT CSF Bone Marrow	Plasma Serum Whole Blood Buffy Coat Peripheral Blood Mononuclear Cells (PBMC)	Buccal Cells Saliva Urine Cervical Cells Peritoneal Fluid Peritoneal Wash Stool DNA/RNA



NRG Oncology Biospecimen Bank Overall Inventory

3/31/2023	SF	PGH	COL	NRG Total
TOTAL TRIALS	215	64	232	511
TOTAL PATIENTS	44,278	101,920	43,700	189,898
TOTAL SPECIMENS	743,786	1,746,514	892,328	3,382,628

Biospecimen Types:	SF	PGH	COL	NRG Total
FFPE Tissue	304,689	1,307,545	252,112	1,864,346
Frozen Tissue	658	2,417	67,546	70,621
Frozen Liquid Biospecimens	438,439	436,552	572,670	1,447,661

NRG Oncology Biospecimen Bank Yr 8 Incoming Inventory

Biospecimens Received 4/1/22-3/31/23	SF	PGH	COL	NRG TOTAL
Trials	40	9	16	65*
Patients	1,955	787	1,215	3,957
Specimens	26,778	16,817	9,126	52,721

Biospecimen Types Received Yr 8	SF	PGH	COL	NRG TOTAL
FFPE Tissue	3,587	2,411	2,625	8,623
Frozen Tissue	0	0	15	15
Frozen Liquid Biospecimens	23,191	14,406	6,486	44,083

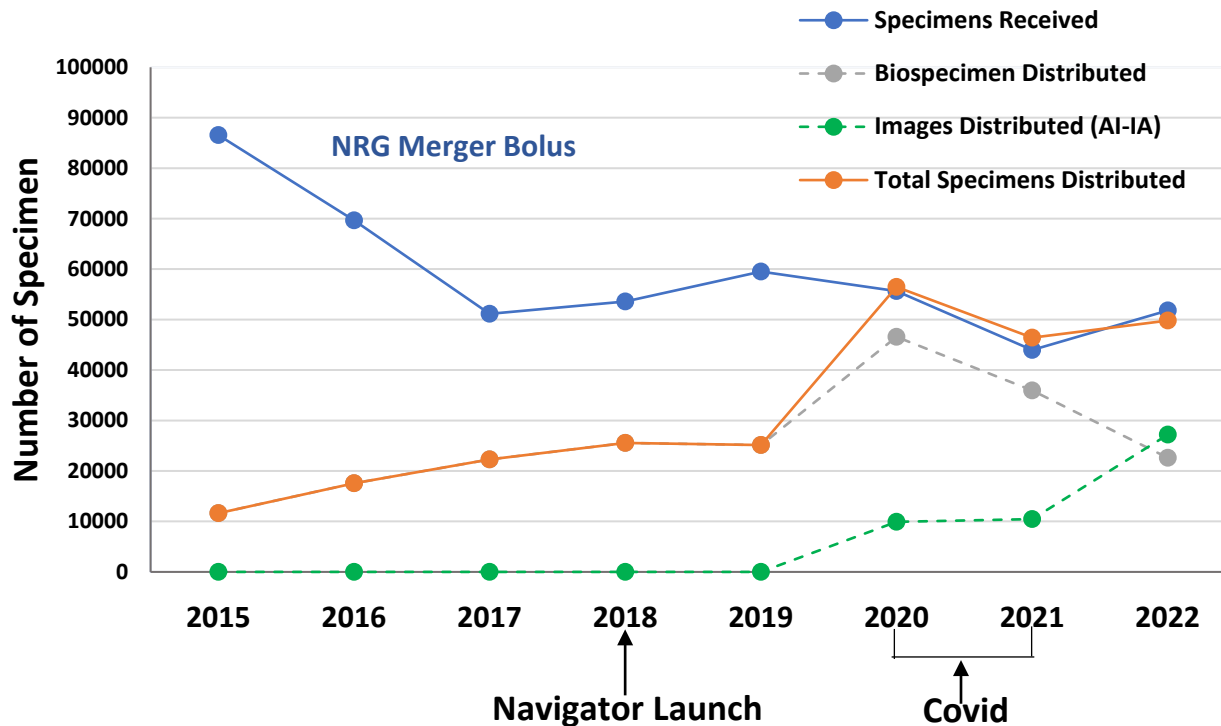
***9 New Trials activated this year, 5 with integral/integrated biomarkers**



NRG NCORP STUDIES INVENTORY (year 8)

NRG BB NCORP Incoming Inventory 4/1/22-3/31/23	# Trials	Target Patient Accrual	# Patients with Biopecimens	# Biospecimens Received
BRAIN	2	200	47	567
GYN	2	2,690	185	1,928
GI "Forte"	1	9,500	366	1,404
TOTALS NCORP	5	12,390	598	3,899

NRG Oncology Incoming and Distribution 2015-2023





NRG-BB Biospecimen Distributions (2015-3/31/2023)			# Trials Distributed by NRGBB		
Disease Site	Patients	Biospecimens	Integral*	Integrated	Exploratory
Brain	4,396	13,875	5	4	10
Breast	14,409	75,734	4	3	9
Gastrointestinal	2,992	9,485	1	3	6
Genitourinary	20,247	74,058	3	0	19
Gynecologic	9,855	78,146	7	27	26
Head & Neck	5,074	11,830	7	9	10
Lung	1,438	2,352	0	1	2
Sarcoma	37	137	0	1	0
Total	58,448	265,647	27	48	82

*Specimens for integral markers impacting patient care do not all go through the NRGBB. Specimens may be sent directly from institutions enrolling the patient to the testing lab. e.g. Decipher Score testing in prostate trials.

NRG DISTRIBUTION FOR DIGITAL IMAGING PROJECTS

Disease Site	# Proposals	# Trials	# Patients Scanned	# Slides Scanned
BRAIN	7	7	1,228	2,077
GI	2	2	229	229
GU- Prostate	4	11	13,188	47,058
GYN	1	1	47	47
H&N	9	9	1,227	1,886
LUNG	2	2	36	36
TOTAL	25	32	15,955	51,333

Through 12.31.2022



NRG Oncology Peer Reviewed Publications Using Biospecimens

U24 Years	Publications	Impact Factor <3	Impact Factor 3-10	Impact Factor >10
2015-2019	75	1	37	37
2020-2023	30	1	13	16
TOTAL	105	2	50	53

Learn more about our trials

Our protocol table has information and documents pertaining to our currently accruing and past NRG Oncology clinical trials. [Search through our protocols here.](#)

Search for clinical trials.

Search Publications

Search Protocols

Resources For Biospecimen Access

NRG Navigator Concierges and Biospecimen Bank Contacts

Sheralee Miller (millers@nrگونcology.org) /Sandy DeVries (Sandy.DeVries@ucsf.edu): Brain, H&N, Non-Colorectal GI, GU, Lung:

Kerry Murphy (murphyk@nrگونcology.org) /Melanie Finnigan (FinniganM@nrگونcology.org): Breast, Colorectal GI:

Heather Lankes (lankesh@nrگونcology.org) /Lisa Beaverson (Lisa.Beaverson@nationwidechildrens.org): GYN

NRG Oncology Biospecimen Access: <https://www.nrگونcology.org/Scientific-Program/Biospecimen-Access>

NCTN Navigator: <https://navigator.ctsu.org/navigator/login>

NCTN Biobanks: <https://nctnbanks.cancer.gov/>

NCI CTEP Core Correlative Sciences Committee (CCSC):

https://ctep.cancer.gov/initiativesPrograms/nctn_ccsc_overview.htm

Biomarker, Imaging, and Quality of Life Studies Funding Program (BIQSFP):

<https://www.cancer.gov/about-nci/organization/ccct/funding/biqsfp>

NCI Biomarker Review Committee (BRC): https://ctep.cancer.gov/protocoldevelopment/ancillary_correlatives.htm



Acknowledgements

NRG Oncology Biospecimen Bank Team:

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NRGBB Translational Science Operations Team:

Heather Lankes, PhD, MPH, Sherry Miller, Kerry Murphy

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