

TCGA Bladder Phenotype Research Group

Summary

The Cancer Genome Atlas (TCGA) Bladder Phenotype Research Group is part of the [Cancer Imaging Project TCGA Radiology Initiative](#); an effort to build a research community focused on connecting cancer phenotypes to genotypes by providing clinical images matched to tissue specimens analyzed for [The Cancer Genome Atlas \(TCGA\)](#).

Imaging Source Site (ISS) Groups are being formed and governed by participants from institutions that have provided imaging data to the archive for a given cancer type. Modeled after TCGA analysis groups, ISS groups are given the opportunity to publish a marker paper for a given cancer type per the guidelines in the table above. This opportunity will generate increased participation in building these multi-institutional data sets as they become an open community resource. Current [The Cancer Genome Atlas Urothelial Bladder Carcinoma Collection \(TCGA-BLCA\)](#) source sites include:

- Barretos Cancer Hospital, Barretos, São Paulo, Brazil (pending)
- Baylor College of Medicine (pending)
- MD Anderson Cancer Center (pending)
- Memorial Sloan Kettering Cancer Center (pending)
- University of Chicago (pending)
- University of North Carolina (pending)
- University of Pittsburgh (pending)
- University of Sheffield (pending)

Please contact Dr. Seth Lerner (slerner@bmc.edu) if you have scientific questions or are interested in collaborating with their group.

Publications

TCGA Bladder Phenotype Research Group Publications

- Seth P. Lerner, Vinay Duddalwar, Erich Huang, Ersan Altun, Tharakeswara Bathala, Steven Kennish, Juan Ibarra, Fabiano Lucchesi, Valdair Francisco Muglia, Stephen Thomas, Raghu Vikram, Hebert Alberto Vargas, Steven Yong Cen, Darryl Hwang, Kevin George King, Bino Varghese, Brenda Fevrier-Sullivan, Justin Kirby, Carl Jaffe, and John Freymann. Comprehensive radiogenomics analysis of qualitative and quantitative features of cross-sectional imaging in the TCGA project in MIBC. *Journal of Clinical Oncology* 2019 37: 7_suppl, 482-482. doi: 10.1200/JCO.2019.37.7_suppl.482 ([link](#))
- Vinay Duddalwar, Seth Lerner, Erich Huang, Bino Varghese, Kevin King, Steven Cen, Darryl Hwang, Ersan Altun, Tharakeswara Bathala, Steven Kennish, Juan Ibarra Rovira, Fabiano Lucchesi, Valdair Francisco Muglia, Stephen Thomas, Raghu Vikram, Hebert Alberto Vargas, Brenda Fevrier-Sullivan, Justin Kirby, Carl Jaffe, and John Freymann. Associations between genetic pathways and radiomic metrics in muscle-invasive bladder cancer. *Journal of Urology* 2019. 201:4_suppl, e441-e442. doi.org/10.1097/01.JU.0000555889.35481.d4 ([link](#))

Publications written by other members of the research community can be found on our [TCIA Publications](#) page. Please contact us at help@cancerimagingarchive.net if you have a publication you would like us to add.

TCGA Genomics Publications

[Read the Nature paper about the TCGA-BLCA genomic study.](#) Additional TCGA publications can be found at: <http://cancergenome.nih.gov/publications>.

Publication Policies

Per TCGA and TCIA Guidelines, formal permission requests are no longer required to submit publications using TCGA-BLCA data. Please see the following links for more information about the freedom-to-publish criteria for these data sets:

Data Source	Status
TCGA Data Portal Publication Guidelines	No restrictions; all data available without limitations.
TCIA Data Usage Policies and Restrictions	No restrictions; all data available without limitations.

Please contact us at help@cancerimagingarchive.net if you have any questions about these policies.