TCGA Breast Phenotype Research Group
Summary

The Cancer Genome Atlas (TCGA) Breast 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 TCGA-BRCA source sites include:

- Mayo Clinic
- Roswell Park Cancer Institute
- Memorial Sloan-Kettering Cancer Center
- University of Pittsburgh/UPMC
- University of Miami Health System

The ISS group has also been collaborating with the University of Chicago to conduct quantitative MRI phenotyping efforts. Please contact Dr. Elizabeth Morris (morrise@mskcc.org) if you have scientific questions for TCGA-BRCA ISS or are interested in collaborating with their group.

Publications

TCGA Breast Phenotype Research Group Publications

- Li H, Zhu Y, Burnside ES, … Perou CM, Ji Y*, Giger ML*:
  MRI radiomics signatures for predicting the risk of breast cancer recurrence as given by research versions of gene assays of MammaPrint, Oncotype DX, and PAM50. Radiology DOI: http://dx.doi.org/10.1148/radiol.2016152110, 2016.
- Li H, Zhu Y, Burnside ES, … Perou CM, Ji Y, Giger ML:

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 Cell paper about the TCGA-BRCA 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-BRCA data. Please see the following links for more information about the freedom-to-publish criteria for these data sets:

<table>
<thead>
<tr>
<th>Data Source</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCGA Data Portal Publication Guidelines</td>
<td>No restrictions; all data available without limitations.</td>
</tr>
<tr>
<td>TCIA Data Usage Policies and Restrictions</td>
<td>No restrictions; all data available without limitations.</td>
</tr>
</tbody>
</table>

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