TCGA-LGG Phenotype Research Group

Summary

The Cancer Genome Atlas-Lower Grade Glioma (TCGA-LGG) Phenotype Research Group is part of the Cancer Imaging Program TCGA Radiology Initiative focused on analyzing images from the TCGA-LGG collections. Images which correlate to the LGG tissue data in TCGA's Data Portal are continuing to be gathered for submission to The Cancer Imaging Archive (TCIA).

According to the TCGA page on LGG, researchers hope to make the following types of discoveries with this data:

- Define the gene expression patterns of adult LGG as compared to pediatric cases that have been studied in other programs.
- Determine if there are genomic changes that correlate with malignancy.
- Examine genetic changes that emerge when LGG becomes to glioblastoma multiforme.
- Identify clinical features that are associated with a specific pattern of genomic changes.

Research and Publications

Per TCGA and TCIA Guidelines, formal permission requests are still required to submit publications using TCGA-LGG 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	Publication limitations in place until 6/30/2015; please check with help@cancerimagingarchive.net prior to any publication

Please contact us at help@cancerimagingarchive.net if you have any questions about these policies, or would like to join our public mailing list and be kept in the loop about new data releases and other related news as this effort moves forward.

TCGA-LGG Marker Paper and Image Source Sites (ISS)

Imaging Source Site (ISS) Groups will be populated 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-LGG source sites include:

- Thomas Jefferson University
- Henry Ford Hospital

References

The following links contain publications from the main TCGA project as well as their posted publication guidelines:

- TCGA Publications
- TCGA Publication Guidelines