

RSNA 2016 Sessions Using TCIA

TCIA-Sponsored Sessions

Imaging Integration with Cancer Genomics/Proteomics: Methodologies Leveraging the Cancer Imaging Archive

Thursday 8:30-10:00 AM | RCC51 | Room: S501ABC

The Cancer Imaging Archive: Using 'Big Data' for the study of Cancer Radiomics, Proteomics, Genetics and Pathology (Hands-on)

Thursday 4:30-6:00 PM | RCA55 | Room: S401AB

User Community Sessions

[Radiogenomic Analysis of The Cancer Genome Atlas \(TCGA\)/The Cancer Imaging Archive \(TCIA\) Head and Neck Squamous Cell Cancer \(HNSCC\) Cohort: Correlations between Genomic Features and Quantitative Imaging Features](#)

Monday 10:30-10:40 AM | SSC08-01 | Room: S402AB

[Radiogenomics Mapping of Non-small Cell Lung Cancer Shows Strong Correlations between Semantic Image Features and Metagenes](#)

Monday 11:20-11:30 AM | SSC08-06 | Room: S402AB

[Targeting Glucose Metabolism in Brain Tumor Initiating Cells: An Novel Therapeutic Approach for Radiosensitization](#)

Monday 11:50-12:00 PM | MSRO25-09 | Room: S103CD

[Practical Radiogenomics: Lessons Learned from the Cancer Genome Atlas](#)

Tuesday 9:40-10:10 AM | RC305-06 | Room: S102AB

[Comparison of Novel Multi-level Otsu and Conventional PET Segmentation Methods for Measuring FDG Metabolic Tumor Volume in Patients with Soft Tissue Sarcoma](#)

Tuesday 11:20-11:30 AM | RC311-12 | Room: S505AB

[The Quantitative Image Feature Pipeline \(QIFP\) for Discovery, Validation, and Translation of Cancer Imaging Biomarkers](#)

Thursday 12:15-12:45 PM | IN251-SD-THA2 | IN Community, Learning Center Station #2

[Reproducibility of CT Texture Parameters by Leveraging Publically Available Patient Imaging Datasets](#)

Thursday 12:15-12:45 PM | IN255-SD-THA6 | IN Community, Learning Center

Station #6

[Interoperable Communication of Quantitative Image Analysis Results Using the DICOM Standard](#)

All Day | QRR003 | QIRR, Learning Center

Early Implementation of Radiomics into Clinical Use: How Radiomic Data Can Change Clinical Care of Patients

All Day | IN109-ED-X