CAVATICA

CAVATICA is a cloud-based platform for collaboratively accessing, sharing and analyzing pediatric cancer data

www.cavatica.org

How is CAVATICA revolutionizing cancer research?

The first scalable-cloud platform to provide comprehensive, integrated access to more than 5 petabytes of genomic data across adult and pediatric cancers

Allows researchers anywhere in the world to share data and communicate in real time

National Institutes of Health (NIH) Trusted Partner — Interoperable with authorized platforms for storage, management, and access to controlled data from the Genomics Data Commons and the database for Genotypes and Phenotypes (dbGaP)

Integrates functionality across numerous biomedical and informatics applications such as PedCBioPortal, Harvest, and Seven Bridges Genomics

Enables users to search clinical data associated with specific samples, as well as information on the institutions and foundations currently supporting research on a specific tumor or disease

Supports data analysis and empowers collaboration for discovery in clinical trials

Provides all uploaded data with protections required for electronic Protected Health Information under HIPAA regulations and is enabled for CLIA and CAP standards compliance

Pacific Pediatric Neuro-Oncology Consortium
www.pnoc.us

CBTTC
Children's Brain Tumor Tissue Consortium
www.cbttc.org

PedcBioPortal
Integrated Childhood Cancer Genomics
www.pedcbioportal.org

CAVATICA
www.cavatica.org

DEMOCRATIZING ACCESS TO PEDIATRIC GENOMICS DATA