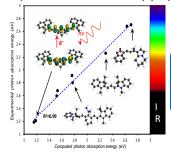
Quantum simulations enabled engineering of molecular properties to tune the absorption spectra for better penetration in photoimmunotherapy applications.



Gene Expression Analysis

From Gene Expression

Analysis to Genomic

Variations to Pathways and

Function to Structure to

Image Analysis and Pathology

and Molecular Properties we

can help accelerate scientific



Genomic Variation

Pathways and

Function

Integrate, filter, browse, and search data and metadata through customizable and interactive dashboards to gain insights from scientific and clinical data for multi-omics systems biology projects — including reports for

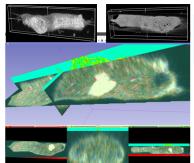
samples and assays

performed.

Aided Drug Design

Computer

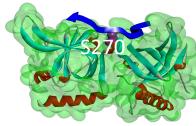
Image and Pathology Analysis insight.



Registering and correlating 3D Light and Electron Microscopy images allows details at EM resolution to be visualized in the context of optical analyses and gain greater insight into the overall cell biology.

Protein Structure





Molecular modeling explains how the S270N mutation in the POT1 protein can affect telemeric ssDNA binding and contribute to familial melanoma.

Automated and interactive tools allow accelerated selection and analyses of regions of interest of images for toxicology or cancer screening.