
Data Releases

Cell Maps for Artificial Intelligence (CM4AI) will deliver machine-readable hierarchical maps of cell architecture as AI-ready data, together with quarterly data releases of map-input data streams. CM4AI cell maps are produced from multimodal interrogation of chromatin modifiers, metabolic enzymes, and other proteins involved in cancer, neuropsychiatric, and cardiac disorders in disease-relevant cell lines under treated and untreated conditions, utilizing state-of-the-art mass spectrometry-based proteomics, spatial proteomics / cell imaging, and genetic perturbations via CRISPR/Cas9. CM4AI is a collaboration of UCSD, UCSF, Stanford, UVA, Yale, UT Austin, UA Birmingham,

Simon Fraser University, and the Hastings Center, as
part of the NIH Bridge2AI program.

DOCUMENTATION

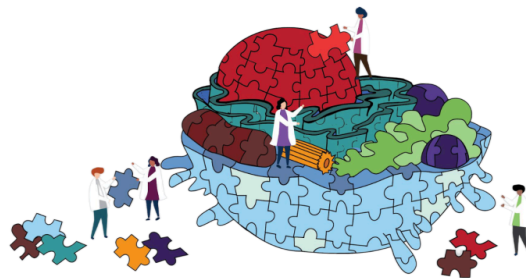


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number:
1OT2OD032742-01

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This repository is under review for potential modification in compliance with Administration directives.

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