

Resource Summary Report

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Kansas University at Lawrence Computational Chemical Biology Core Facility

RRID:SCR_017890

Type: Tool

Proper Citation

Kansas University at Lawrence Computational Chemical Biology Core Facility
(RRID:SCR_017890)

Resource Information

URL: <http://ccb.ku.edu/>

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Description: Core provides computational resources and expertise to enhance productivity of researchers studying infectious diseases. Assists with virtual screening, protein-small molecule docking, binding site prediction, protein modeling and design, prediction of protein stability changes upon mutation, fragment based probe design, as well as preparation of presentation graphics. Specializes in initial hit identification of non-traditional drug targets such as protein-protein or protein-RNA interfaces by offering high-throughput virtual screening via pocket optimization with exemplar screening at protein-protein interfaces and hotspot pharmacophore mimicry of protein-RNA interactions. CCB works in collaboration with Molecular Graphics and Modeling Laboratory.

Abbreviations: CCB

Synonyms: Computational Chemical Biology Core

Resource Type: access service resource, core facility, service resource

Keywords: Infectious, disease, virtual, screening, protein, small, molecule, docking, binding, site, prediction, non traditional, drug, target, service, core, ABRF

Availability: Restricted

Resource Name: Kansas University at Lawrence Computational Chemical Biology Core Facility

Resource ID: SCR_017890

Alternate IDs: ABRF_761

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260728T043538+0000

Ratings and Alerts

No rating or validation information has been found for Kansas University at Lawrence Computational Chemical Biology Core Facility.

No alerts have been found for Kansas University at Lawrence Computational Chemical Biology Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.