

# 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/>

**Proper Citation:** Kansas University at Lawrence Computational Chemical Biology Core Facility (RRID:SCR\_017890)

**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:** 20260829T183318+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.