

Resource Summary Report

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University of Oklahoma Health Sciences Center OK INBRE Data Science Core Facility

RRID:SCR_026422

Type: Tool

Proper Citation

University of Oklahoma Health Sciences Center OK INBRE Data Science Core Facility
(RRID:SCR_026422)

Resource Information

URL: <https://okinbre.ouhsc.edu/Core-Facilities#Bioinformatics>

Proper Citation: University of Oklahoma Health Sciences Center OK INBRE Data Science Core Facility (RRID:SCR_026422)

Description: Core provides data science analysis support, training and promotion of data science education for undergraduate and high school students in the state of Oklahoma. Services include 1) Global analysis of gene expression data using custom spotted microarrays and commercial Affymetrix and Combimatrix arrays to examine gene expression patterns in mice, adenovirus-infected cells, and a variety of bacterial systems. 2) Genome annotation and comparative genomics analysis, including studies on several bacterial and viral pathogens important for human and agricultural disease. Informatics support for genome sequencing projects, annotation support, and post-sequence studies. Bioinformatics educational include analysis of laboratory data for DNA barcoding, instructional materials for protein structure analyses and phylogenetic analyses, and microbial and viral genome sequence annotation and analysis, career counseling to undergraduate students, both individually and in large groups, supervision of undergraduate summer interns and high school interns to enhance interest in pursuing bioinformatics as a career path, providing instructional materials for high school teachers interested in incorporating bioinformatics into their lesson plans.

Synonyms: , University of Oklahoma Health Sciences Center OK INBRE Data Science Core, OK INBRE Data Science Core

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

Keywords: ABRF, data science analysis support, training, promotion of data science education,

Resource Name: University of Oklahoma Health Sciences Center OK INBRE Data Science Core Facility

Resource ID: SCR_026422

Alternate IDs: ABRF_633

Alternate URLs: <https://coremarketplace.org/?FacilityID=633&citation=1>

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Ratings and Alerts

No rating or validation information has been found for University of Oklahoma Health Sciences Center OK INBRE Data Science Core Facility.

No alerts have been found for University of Oklahoma Health Sciences Center OK INBRE Data Science Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.