Resource Summary Report

Generated by dkNET on Aug 19, 2026

Emerald Cloud Lab

RRID:SCR_013976
Type: Tool

Proper Citation

Emerald Cloud Lab (RRID:SCR_013976)

Resource Information

URL: http://emeraldcloudlab.com

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Description: A production service resource which allows researchers to conduct experimental procedures through the cloud. Researchers can ship samples for an experiment to Emerald, then design the experiment(s) over the web using ECL software. Emerald then conducts the experiment(s) in an automated lab as specified, organizing the data into a database in the cloud. Samples are then shipped back to the lab (within a metter of days) and results can be analyze ECL's data analysis suite. Standard experiment types include but are not limited to: analytical balance readings, light microscopy, solid phase extraction, flourescence thermodynamics, RNA extraction/cDNA prep, and Western blot. Additional experiment types may be contributed.

Resource Type: data acquisition software, software application, data management software, software resource, data processing software

Keywords: production service resource, automated experiment, cloud

Availability: Charge by experiment on a per sample basis with no minimum transaction size, The community can contribute to this resource

Resource Name: Emerald Cloud Lab

Resource ID: SCR_013976

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260819T044354+0000

Ratings and Alerts

No rating or validation information has been found for Emerald Cloud Lab.

No alerts have been found for Emerald Cloud Lab.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Wang D, et al. (2025) Without safeguards, AI-Biology integration risks accelerating future pandemics. Frontiers in microbiology, 16, 1734561.

Peng X, et al. (2023) Next-generation intelligent laboratories for materials design and manufacturing. MRS bulletin, 48(2), 179.

Groth P, et al. (2017) Indicators for the use of robotic labs in basic biomedical research: a literature analysis. PeerJ, 5, e3997.