## **Resource Summary Report**

Generated by dkNET on May 21, 2025

# **Emerald Cloud Lab**

RRID:SCR\_013976

Type: Tool

### **Proper Citation**

Emerald Cloud Lab (RRID:SCR\_013976)

#### **Resource Information**

URL: <a href="http://emeraldcloudlab.com">http://emeraldcloudlab.com</a>

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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:** software resource, data management software, data acquisition software, software application, data processing software

Keywords: production service resource, automated experiment, cloud

#### Funding:

**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:** 20250521T061521+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 1 mentions in open access literature.

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

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