

IDR: Not just an image repository

The IDR publishes imaging data from significant publications across the life sciences. It currently holds

190 TB raw data
10 million multi-dimensional images

all accessible to anyone using a web browser. But what powers the IDR?

Simon Li, Sebastien Besson, Jean-Marie Burel, Dominik Lindner, Josh Moore, Will Moore, Petr Walczysko, Frances Wong, Ugis Sarkans, Alvis Brazma, Jason Swedlow



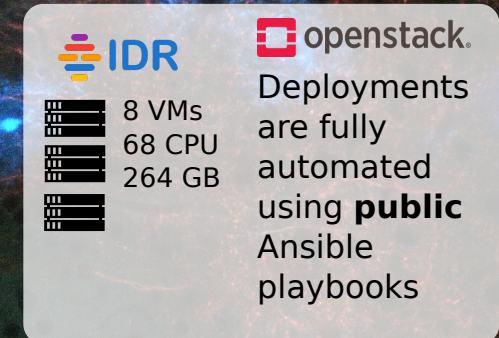
GitHub IDR ome

[IDR.openmicroscopy.org](https://idr.openmicroscopy.org)

An open-source platform for publishing image data



OMERO is an image management system for organising, collaborating on and publishing images. At the core of IDR is a load balanced OMERO cluster providing public access to images and metadata.



with curation workflows and queryable metadata

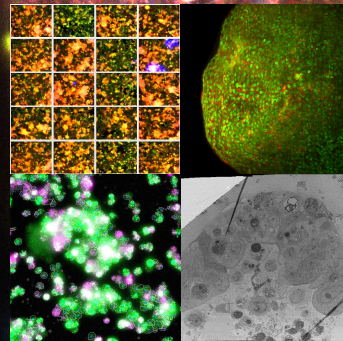


Image metadata, regions of interest and analytical results are cross-linked within the IDR and to external databases, and can be queried using public APIs.

that you can install and run yourself

Our workflows for managing, curating and publishing datasets are available at idr.openmicroscopy.org/curation-workflow

All application code and deployment playbooks are available on GitHub

IDR/deployment ome/openmicroscopy

