

Image Data Resource (IDR)



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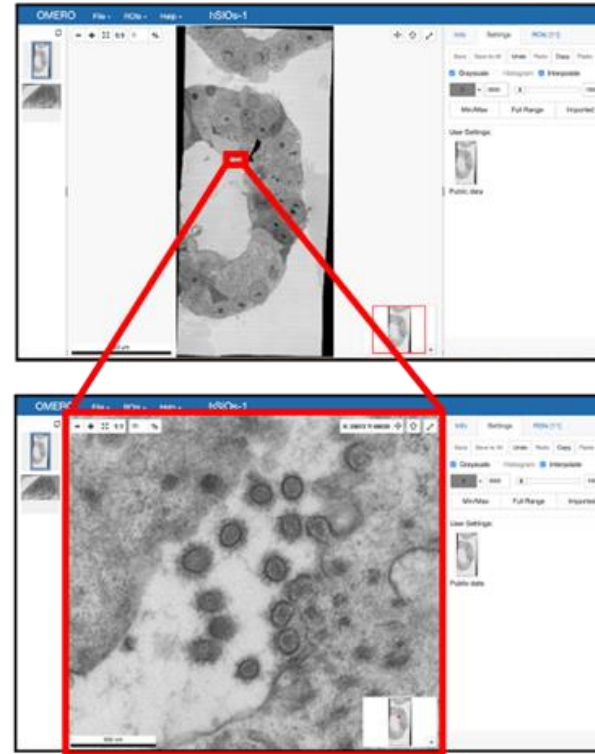
The Image Data Resource (IDR): a scalable resource for FAIR biological imaging data

- Public access
- Reference datasets - complete datasets containing molecular and functional annotations, associated with an existing or upcoming publication.
- Study integration - integrating studies or datasets with other datasets via **genes**, **compounds** or **phenotypes**.
- Curated metadata
- Cloud re-analysis

Breakout Sessions – Sebastien Besson & Frances Wong

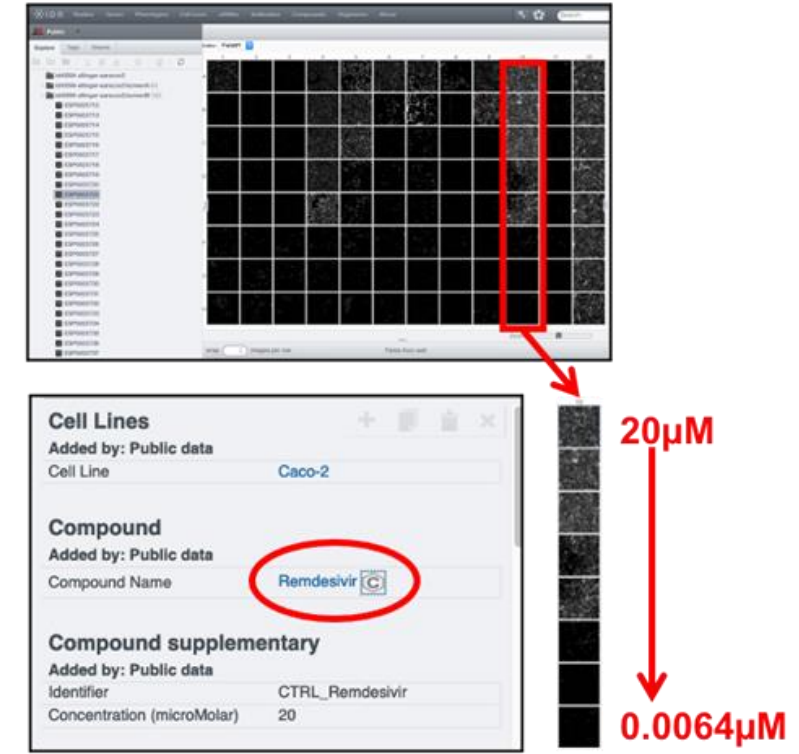
<https://www.openmicroscopy.org/events>

Tissue Data – idr0083



Lamers et al *Science* DOI:10.1126/science.abc1669

Cell Data – idr0094



Ellinger et al *Sci Data* DOI:10.1038/s41597-021-00848-4

IDR currently has:

- **260TB** of public imaging data.
- **super-resolution, high content screening, time-lapse and histological whole slide imaging data.**
- **metadata** related to experimental design, image acquisition, downstream analysis and interpretation.

