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Contribution ID: **3**   Type: **FLASH talk (metadata / sharing data & results / interoperability)**

Archival of spatial-omics data: what BioImage Archive can offer

Spatial-omics technologies generate complex multi-modal datasets presenting unique challenges for data archival and sharing. Often datasets are dispersed across multiple archives with information getting lost on the way, or not linked to each other. Standardised metadata frameworks, data formats and well-defined deposition strategies are essential to make the data FAIR. BioImage Archive has been working on enabling FAIR image data at scale, having implemented the REMBI metadata framework, converting images to interoperable cloud-compatible standardised data formats and including the annotation data e.g. segmentation masks and labels. In this talk I will give an overview of our collaborations and experience with the spatial-omics datasets and our work towards developing a spatial-omics gallery.

Primary authors: YOLDAS, Aybuke (EMBL-EBI); Dr HARTLEY, Matthew (EMBL-EBI)

Session Classification: Live challenges and flash talk