

Description	Creator/Inst	Type of Materi	Link	Comment
RMS course		course	<a href="https://github.com/RMS-DAIM">https://github.com/RMS-DAIM</a>	course for image analysts. First created in 2019, Nothing for several years. Materials added for upcoming course in Galway
BiolImage Archive - Quick tour		website	<a href="https://www.ebi.ac.uk/training/online/courses/biolimage-archive-quick-tour/#vt-tabs_section--overview">https://www.ebi.ac.uk/training/online/courses/biolimage-archive-quick-tour/#vt-tabs_section--overview</a>	Quick tour on the scope of BIA, how to search, visualise, retrieve and submit data
Microscopy data analysis: machine learning and the BiolImage Archive		EMBL course	<a href="https://www.ebi.ac.uk/training/materials/microscopy-data-analysis-machine-learning-and-the-biolimage-archive/">https://www.ebi.ac.uk/training/materials/microscopy-data-analysis-machine-learning-and-the-biolimage-archive/</a>	Programmatic approaches to analysing biological imaging data
BIA-api-visualisation-notebook.ipynb		training notebo	<a href="https://github.com/BiolImage-Archive/bia-training/blob/main/notebooks/BIA-api-visualisation-notebook.ipynb">https://github.com/BiolImage-Archive/bia-training/blob/main/notebooks/BIA-api-visualisation-notebook.ipynb</a>	Very short notebook that retrieves studies using their accession id and OME-NGFF images from BiolImage Archive using its API
BMZ_benchmarking_with_BIA_data.ipynb		training notebo	<a href="https://github.com/BiolImage-Archive/bia-training/blob/main/notebooks/BMZ_benchmarking_with_BIA_data.ipynb">https://github.com/BiolImage-Archive/bia-training/blob/main/notebooks/BMZ_benchmarking_with_BIA_data.ipynb</a>	Benchmarking models from the BiolImage Model Zoo using BiolImage Archive data
BioFormats.ipynb		training notebo	<a href="https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/BioFormats.ipynb">https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/BioFormats.ipynb</a>	How to use BioFormats. From the Microscopy course.
ImageFormat.ipynb		training notebo	<a href="https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/ImageFormat.ipynb">https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/ImageFormat.ipynb</a>	How to read various image formats. From the Microscopy course.
PublicResources.ipynb		training notebo	<a href="https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/PublicResources.ipynb">https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/PublicResources.ipynb</a>	How to access public resources via their Python API. From the Microscopy course.
ReadingData_fromIDR.ipynb		training notebo	<a href="https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/ReadingData_fromIDR.ipynb">https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/ReadingData_fromIDR.ipynb</a>	How to load binary data from IDR. From the Microscopy course.
Reading_zarr_images.ipynb		training notebo	<a href="https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/Reading_zarr_images.ipynb">https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/Reading_zarr_images.ipynb</a>	How to access OME Zarr files. From the Microscopy course.
Dask.ipynb		training notebo	<a href="https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/Dask.ipynb">https://github.com/ome/EMBL-EBI-imaging-course-04-2025/blob/main/Dask.ipynb</a>	Introduction to dask collections. From the Microscopy course.
Shopping guide for ontologies		slide deck	<a href="https://docs.google.com/presentation/d/1MXmWoaqYfe_GnpclR6l6cb7OU5liifKay227upi0i0/edit?usp=sharing">https://docs.google.com/presentation/d/1MXmWoaqYfe_GnpclR6l6cb7OU5liifKay227upi0i0/edit?usp=sharing</a>	Slide deck about ontologies
2025_FAIR_facilities		slide deck	<a href="https://docs.google.com/presentation/d/1EtydEPkSUnWbGuDZ28Mmbxv_KXlfrbF/edit?usp=share_link&amp;ouid=104904359639857388488&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1EtydEPkSUnWbGuDZ28Mmbxv_KXlfrbF/edit?usp=share_link&amp;ouid=104904359639857388488&amp;rtpof=true&amp;sd=true</a>	
EBI_Imaging_resources_BIA		slide deck	<a href="https://docs.google.com/presentation/d/1QNYxyZFVno-0Co5FsqXsiNNtiZFNALYo/edit?usp=share_link&amp;ouid=104904359639857388488&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1QNYxyZFVno-0Co5FsqXsiNNtiZFNALYo/edit?usp=share_link&amp;ouid=104904359639857388488&amp;rtpof=true&amp;sd=true</a>	General intro on BIA and EMPIAR
The BiolImage Archive: Home for life sciences microscopy data		recorded webin	<a href="https://www.ebi.ac.uk/training/events/biolimage-archive-home-life-sciences-microscopy-data/">https://www.ebi.ac.uk/training/events/biolimage-archive-home-life-sciences-microscopy-data/</a>	Provides an introduction to the archive, including an overview of the data preparation and submission process, data retrieval, and future development plans
Principles of research data management		recorded webin	<a href="https://www.ebi.ac.uk/training/events/principles-research-data-management/">https://www.ebi.ac.uk/training/events/principles-research-data-management/</a>	General introduction to data management
Towards open and standardised imaging data: an introduction to Bio-Formats, OME		recorded webin	<a href="https://www.ebi.ac.uk/training/events/towards-open-and-standardised-imaging-data-introduction-bio-formats-ome/">https://www.ebi.ac.uk/training/events/towards-open-and-standardised-imaging-data-introduction-bio-formats-ome/</a>	General overview to OME formats. It directs you to where more detailed info can be found on format conversion.
Data management in a bioimage informatics data flow		recorded webin	<a href="https://www.ebi.ac.uk/training/events/data-management-bioimage-informatics-data-flow/">https://www.ebi.ac.uk/training/events/data-management-bioimage-informatics-data-flow/</a>	General overview of bioimaging data flow
Open FAIR data: the role of public data archives		recorded webin	<a href="https://www.ebi.ac.uk/training/events/open-fair-data-role-public-data-archives/">https://www.ebi.ac.uk/training/events/open-fair-data-role-public-data-archives/</a>	Introduction to BIA and BioSamples
A journey to FAIR bioimage data		recorded webin	<a href="https://www.ebi.ac.uk/training/events/journey-fair-bioimage-data/">https://www.ebi.ac.uk/training/events/journey-fair-bioimage-data/</a>	Solutions for storing, processing, analysing, and, first and foremost, sharing bioimaging data.