Essential Metadata for 3D BRAIN Microscopy

Contributors Category

The Contributors category includes nine metadata fields that identify and give credit to the scientists and organizations involved in the creation of the dataset.

Field Name	Definition	Allowable Values	Occurrence	Required for Brain Image Library Submission	Supports Digital Object Identifier (DOI)	DataCite (ID: Property)	Open Microscopy Environment (Element: Attribute)
contributorName	Person (last name, first name) or organization (e.g., research group, department, institution) contributing to or responsible for the project, but does not include funders of the project.	Free text	1-n	Yes	Yes	7.1: contributorName	Experimenter: FirstName Experimenter: LastName
Creator	Main researchers involved in producing the data. There must be at least on creator.	Yes No	1-n	Yes	Yes	2: Creator (can be mapped)	none
contributorType	Categorization of the role of the contributor. Recommended: ProjectLeader (for principal investigator), ResearchGroup (for lab, department, or division).	ContactPerson DataCollector DataCurator ProjectLeader ProjectManager ProjectMember RelatedPerson Researcher ResearchGroup Other	1-n	Yes	Yes	7.a: contributorType	none
nameType	Type of contributor.	Organizational Personal	1-n	Yes	Yes	7.1.a: nameType	none

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Field Name	Definition	Allowable Values	Occurrence	Required for Brain Image Library Submission	Supports Digital Object Identifier (DOI)	DataCite (ID: Property)	Open Microscopy Environment (Element: Attribute)
nameIdentifier	Alphanumeric code that uniquely identifies an individual or legal entity, (listed in the contributorName field). Accepted identifiers include GRID, ISNI, ORCID, ROR, and RRID. Preferred identifiers are ORCID for personal names and ROR for organizational names.	Free text	1-n	Yes	Yes	7.4: nameIdentifier	none
nameIdentifierScheme	Identifying scheme used in nameIdentifier.	GRID* ISNI* ORCID* ROR* RRID*	1-n	Required for Personal nameType	Yes	2.4.a: nameIdentifierScheme	none
affiliation	Organizational or institutional affiliation of the contributor.	Free text	1-n	Yes	Yes	7.56: affiliation	Experimenter: Institution (can be mapped)
affiliationIdentifier	Unique identifier (ROR preferred) for the organizational or institutional affiliation of the contributor.	Free text	1-n	Yes	Yes	7.5.a: affiliationIdentifier	none
affiliationIdentifierScheme	Identifying scheme used in affiliationIdentifier.	GRID* ISNI* ORCID* ROR*	1-n	Yes	Yes	7.5.b: affiliationIdentifierScheme	none

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Field Name	Definition	Allowable Values	Occurrence	Required for Brain Image Library Submission	Supports Digital Object Identifier (DOI)	DataCite (ID: Property)	Open Microscopy Environment (Element: Attribute)
		RRID*					

Occurrence
0-n = optional and repeatable
0-1 = optional, but not repeatable
1-n = required and repeatable
1 = required, but not repeatable

*For more information on the identifiers, see the Global Research Identifier Database (GRID; https://www.grid.ac), International Standard Name Identifier (ISNI; https://isni.org), Open Researcher and Contributor ID (ORCID; https://orcid.org), Research Organization Registry (ROR; https://ror.org), and Research Resource Identifiers (RRID; https://scicrunch.org/resources) websites.