

European Network for Brain Imaging of Tumours

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Despite successes in general cancer therapy, patients with brain tumours have very low survival rates. ENBIT aims at promoting brain imaging in the diagnostic and treatment of brain tumours, via data sharing and the development of metadata standards.

The web-portal (www.enbit.ac.uk) is a repository in which users access a simple table of data sets and choose which one to download. Contributors can submit data using the BIDS validator and upload them, they then get listed after verification. ENBIT has a simple registration policy, allowing to support fully open data and non-commercial restricted ones, while usage monitoring ensures some level of security in sharing patients data.



www.enbit.ac.uk landing page

While ENBIT makes use of the Brain Imaging Data Structure (<http://bids.neuroimaging.io/>), members are also developing metadata schemas to store additional patient information. An important part of tumour characterization is their genetic profile. While BIDS is not designed to store this information, it remains important to be able to link imaging and genetic data and describe what genetic information is available alongside imaging data. We report here the small bids dictionary extension developed for that purpose (BIDS PEB18: <https://tinyurl.com/bids-genetics>). BIDS brain tumours (<https://tinyurl.com/bids-tumours>), is also needed to specify metadata associated with the disease. Disease-specific keywords were taken from the BioPortal while other keywords for radiomics are being developed.

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