

Resource Summary Report

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CBU Imaging Wiki

RRID:SCR_003014

Type: Tool

Proper Citation

CBU Imaging Wiki (RRID:SCR_003014)

Resource Information

URL: <http://www.mrc-cbu.cam.ac.uk/Imaging>

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Description: Portal where neuroimaging studies are carried out using a Siemens 3T Tim Trio Magnetic Resonance Imaging (or MRI) scanner that is wholly dedicated to studies in Cognitive Neuroscience. From emotions and memories to language and learning, functional neuroimaging is being applied in many different areas of Cognitive Neuroscience. In many cases, this research relies upon support from healthy volunteers although neuroimaging studies are also being conducted in various clinical populations, including depression, anxiety, Parkinson's disease and Alzheimer's disease.

Abbreviations: CBU Imaging Wiki

Synonyms: CBUImaging, MRC CBU Imaging Wiki, MRC Cognition and Brain Sciences Unit Imaging Wiki, Cognition and Brain Sciences Unit Imaging Wiki

Resource Type: portal, data or information resource, topical portal

Keywords: neuroimaging, cognitive neuroscience, mri, scanner, neuroscience, emotion, memory, language, learning, functional neuroimaging, clinical, population, human, analysis, software, disease, brain, imaging, fmri, cognition

Related Condition: Depressive Disorder, Anxiety, Parkinson's disease, Alzheimer's disease

Funding: MRC

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CBU Imaging Wiki

Resource ID: SCR_003014

Alternate IDs: nif-0000-30307

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260810T040340+0000

Ratings and Alerts

No rating or validation information has been found for CBU Imaging Wiki.

No alerts have been found for CBU Imaging Wiki.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Camedda R, et al. (2023) Functional Correlates of Striatal Dopamine Transporter Cerebrospinal Fluid Levels in Alzheimer's Disease: A Preliminary 18F-FDG PET/CT Study. International journal of molecular sciences, 24(1).

Bonomi CG, et al. (2023) Functional Correlates of Microglial and Astrocytic Activity in Symptomatic Sporadic Alzheimer's Disease: A CSF/18F-FDG-PET Study. Biomedicines, 11(3).

Motta C, et al. (2023) Different associations between amyloid- η 42, amyloid- η 40, and amyloid- η 42/40 with soluble phosphorylated-tau and disease burden in Alzheimer's disease: a cerebrospinal fluid and fluorodeoxyglucose-positron emission tomography study. Alzheimer's research & therapy, 15(1), 144.

Fernandes M, et al. (2022) 18F-FDG PET, cognitive functioning, and CSF biomarkers in patients with obstructive sleep apnoea before and after continuous positive airway pressure treatment. Journal of neurology, 269(10), 5356.

Chiaravalloti A, et al. (2020) The Brain Metabolic Correlates of the Main Indices of Neuropsychological Assessment in Alzheimer's Disease. Journal of personalized medicine, 10(2).

Chiaravalloti A, et al. (2019) Evaluation of Task-Related Brain Activity: Is There a Role for 18F FDG-PET Imaging? BioMed research international, 2019, 4762404.

Ramanoël S, et al. (2018) Gray Matter Volume and Cognitive Performance During Normal Aging. A Voxel-Based Morphometry Study. Frontiers in aging neuroscience, 10, 235.

Chiaravalloti A, et al. (2017) Functional correlates of TSH, fT3 and fT4 in Alzheimer disease: a F-18 FDG PET/CT study. *Scientific reports*, 7(1), 6220.

Micarelli A, et al. (2017) Early cortical metabolic rearrangement related to clinical data in idiopathic sudden sensorineural hearing loss. *Hearing research*, 350, 91.

Smith GS, et al. (2017) Molecular imaging of serotonin degeneration in mild cognitive impairment. *Neurobiology of disease*, 105, 33.

Sauleau P, et al. (2016) Weight Gain following Pallidal Deep Brain Stimulation: A PET Study. *PloS one*, 11(4), e0153438.

Chiaravalloti A, et al. (2016) Comparison between Early-Onset and Late-Onset Alzheimer's Disease Patients with Amnesic Presentation: CSF and (18)F-FDG PET Study. *Dementia and geriatric cognitive disorders extra*, 6(1), 108.

Chiaravalloti A, et al. (2016) Is cerebral glucose metabolism related to blood-brain barrier dysfunction and intrathecal IgG synthesis in Alzheimer disease?: A 18F-FDG PET/CT study. *Medicine*, 95(37), e4206.

Belayachi S, et al. (2015) Are the carrot and the stick the two sides of same coin? A neural examination of approach/avoidance motivation during cognitive performance. *Behavioural brain research*, 293, 217.

Ramanoël S, et al. (2015) Age-Related Differences in Spatial Frequency Processing during Scene Categorization. *PloS one*, 10(8), e0134554.

Kauffmann L, et al. (2015) Spatial frequency processing in scene-selective cortical regions. *NeuroImage*, 112, 86.

Alessandrini M, et al. (2014) Cortico-subcortical metabolic correlates of olfactory processing in healthy resting subjects. *Scientific reports*, 4, 5146.

Micarelli A, et al. (2014) Cortical metabolic arrangement during olfactory processing: proposal for a 18F FDG PET/CT methodological approach. *Medicine*, 93(19), e103.

Nauczyciel C, et al. (2014) Repetitive transcranial magnetic stimulation over the orbitofrontal cortex for obsessive-compulsive disorder: a double-blind, crossover study. *Translational psychiatry*, 4(9), e436.

Alessandrini M, et al. (2013) Early and phasic cortical metabolic changes in vestibular neuritis onset. *PloS one*, 8(3), e57596.