Resource Summary Report

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Oxford Centre for Functional MRI of the Brain

RRID:SCR_005283
Type: Tool

Proper Citation

Oxford Centre for Functional MRI of the Brain (RRID:SCR_005283)

Resource Information

URL: http://www.fmrib.ox.ac.uk/

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Description: The FMRIB Centre is a multi-disciplinary neuroimaging research facility, which focuses on the use of Magnetic Resonance Imaging (MRI) for neuroscience research, along with related technologies such as Transcranial Magnetic Stimulation, transcranial Direct Cortical Stimulation and EEG. FMRIB is composed of research groups in all aspects of brain imaging research, including physics, analysis, basic science and clinical neuroscience. We were recently awarded 8 million pounds by the MRC, EPSRC, Wolfson Foundation and University of Oxford to purchase and install new 7T and 3T leading-edge MRI systems to enable us to image brain structure and function at even higher resolution than currently possible.

Abbreviations: FMRIB Centre

Synonyms: Functional Magnetic Resonance Imaging of the Brain Center, FMRIB Center, Oxford FMRIB Centre, Oxford Functional Magnetic Resonance Imaging of the Brain Centre, Oxford Functional Magnetic Resonance Imaging of the Brain Center, Functional Magnetic Resonance Imaging of the Brain Centre, Oxford FMRIB Center

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

Keywords: fmri, mri, neuroimaging, transcranial magnetic stimulation, transcranial direct cortical stimulation, eeg, neuroscience, brain, brain structure, brain function, fsl, pain, imaging, diffusion imaging, cognitive neuroscience, language

Funding: MRC ;
EPSRC ;
Wolfson Foundation ;
University of Oxford; Oxford; United Kingdom

Resource Name: Oxford Centre for Functional MRI of the Brain

Resource ID: SCR_005283

Alternate IDs: nlx_144318

Old URLs: https://www.fmrib.ox.ac.uk/

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260829T182224+0000

Ratings and Alerts

No rating or validation information has been found for Oxford Centre for Functional MRI of the Brain.

No alerts have been found for Oxford Centre for Functional MRI of the Brain.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 238 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Musaeus CS, et al. (2026) Normal cerebral oxygen consumption and lactate levels in patients with Alzheimer's disease and Lewy body dementia. GeroScience, 48(1), 421.

Henriksen OM, et al. (2026) Simultaneous multiple post-labelling delay ASL MRI and [18F]FDG PET in a mixed memory clinic population and healthy controls. European journal of nuclear medicine and molecular imaging, 53(5), 3408.

Zhu H, et al. (2026) Geometric Microstructural Characteristics of White Matter Differentiate Patients With Facial Dyskinesias and Palsy. CNS neuroscience & therapeutics, 32(2), e70733.

Chen A, et al. (2025) Glymphatic Function in Prodromal Parkinson's Disease: Associations With Symptoms, Gray Matter Volume, and Phenoconversion Risk. European journal of neurology, 32(10), e70389.

Ondrus M, et al. (2025) Factorized binary search: Change point detection in the network structure of multivariate high-dimensional time series. Imaging neuroscience (Cambridge, Mass.), 3.

Polkowski C, et al. (2025) MRI-based Quantitative Collateral Assessment in Acute Stroke : A??Comparison with Single-phase CTA in Drip-and-ship Patients with Serial Imaging. Clinical neuroradiology, 35(1), 95.

Fisher PM, et al. (2025) Discordance Between Spatial and Population Correlations From Human Brain Imaging Data. Human brain mapping, 46(17), e70421.

Ackermann L, et al. (2025) Effect of Repetitive Transcranial Magnetic Stimulation on the Symptoms and Brain Imaging in Patients with Fibromyalgia Syndrome: A Randomized Controlled Pilot Trial. Pain and therapy.

Henderson MM, et al. (2024) Dynamic categorization rules alter representations in human visual cortex. bioRxiv : the preprint server for biology.

Panula JM, et al. (2024) Multimodal prediction of the need of clozapine in treatment resistant schizophrenia; a pilot study in first-episode psychosis. Biomarkers in neuropsychiatry, 11, None.

Ma J, et al. (2024) Circuit-based neuromodulation enhances delayed recall in amnestic mild cognitive impairment. Journal of neurology, neurosurgery, and psychiatry, 95(10), 902.

Zhang Z, et al. (2024) State-specific Regulation of Electrical Stimulation in the Intralaminar Thalamus of Macaque Monkeys: Network and Transcriptional Insights into Arousal. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(33), e2402718.

Helwig N, et al. (2024) Recruitment of pial collaterals and carotid occlusive disease in large-vessel occlusion ischemic stroke. Frontiers in neurology, 15, 1423967.

Musaeus CS, et al. (2024) Subclinical epileptiform discharges in Alzheimer's disease are associated with increased hippocampal blood flow. Alzheimer's research & therapy, 16(1), 80.

Baranyi G, et al. (2024) Life-course neighbourhood deprivation and brain structure in older adults: the Lothian Birth Cohort 1936. Molecular psychiatry, 29(11), 3483.

Dennison JB, et al. (2023) Tensorial independent component analysis reveals social and reward networks associated with major depressive disorder. Human brain mapping, 44(7), 2905.

Ma J, et al. (2023) Mapping the long-term delayed recall-based cortex-hippocampus network constrained by the structural and functional connectome: a case-control multimodal MRI study. Alzheimer's research & therapy, 15(1), 61.

Rajesh A, et al. (2023) Evaluating brain modularity benefits of an acting intervention: a discriminant-analysis framework. Frontiers in human neuroscience, 17, 1114804.

Baranyi G, et al. (2023) Life-course neighbourhood deprivation and brain structure in older adults: The Lothian Birth Cohort 1936. medRxiv : the preprint server for health sciences.

Tanguay AFN, et al. (2023) The shared and unique neural correlates of personal semantic, general semantic, and episodic memory. eLife, 12.