Resource Summary Report

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Wellcome Trust Centre for Human Genetics

RRID:SCR_003307
Type: Tool

Proper Citation

Wellcome Trust Centre for Human Genetics (RRID:SCR_003307)

Resource Information

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

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Description: An international leader in genetics, genomics and structural biology, and research institute of the Nuffield Department of Medicine at the University of Oxford, whose objective is to extend our understanding on how genetic inheritance makes us who we are in order to gain a clearer insight into mechanisms of health and disease. Looking across all three billion letters of the human genetic code, they aim to pinpoint variant spellings and discover how they increase or decrease an individual's risk of falling ill. They collaborate with research teams across the world on a number of large-scale studies in these areas.

Abbreviations: WTCHG

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

Keywords: genetics, genomics, structural biology

Funding: University of Oxford; Oxford; United Kingdom ;
Wellcome Trust ;
other sponsors

Availability: Free, Freely available

Resource Name: Wellcome Trust Centre for Human Genetics

Resource ID: SCR_003307

Alternate IDs: nif-0000-31897

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260801T190208+0000

Ratings and Alerts

No rating or validation information has been found for Wellcome Trust Centre for Human Genetics.

No alerts have been found for Wellcome Trust Centre for Human Genetics.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 49 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Lee GW, et al. (2025) Identification of a new genetic locus associated with atrial fibrillation in the Taiwanese population by genome-wide and transcriptome-wide association studies. Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology, 27(4).

McGrail C, et al. (2025) Genetic Discovery and Risk Prediction for Type 1 Diabetes in Individuals Without High-Risk HLA-DR3/DR4 Haplotypes. Diabetes care, 48(2), 202.

Ramachandran D, et al. (2025) GWAS meta-analysis identifies five susceptibility loci for endometrial cancer. EBioMedicine, 118, 105830.

Takase M, et al. (2025) Genetic risk, lifestyle adherence, and risk of developing hyperuricaemia in a Japanese population. Rheumatology (Oxford, England), 64(5), 2591.

He W, et al. (2025) Large-scale GWAS of strabismus identifies risk loci and provides support for a link with maternal smoking. Nature communications, 16(1), 7890.

Gupta MK, et al. (2025) DNA methylation landscapes of HIV controllers: an epigenome-wide association study. EBioMedicine, 121, 105999.

Boumtje V, et al. (2024) Polygenic inheritance and its interplay with smoking history in predicting lung cancer diagnosis: a French-Canadian case-control cohort. EBioMedicine, 106, 105234.

Samani NJ, et al. (2024) Polygenic risk score adds to a clinical risk score in the prediction of cardiovascular disease in a clinical setting. European heart journal, 45(34), 3152.

Burnham KL, et al. (2024) eQTLs identify regulatory networks and drivers of variation in the individual response to sepsis. Cell genomics, 4(7), 100587.

?? Ö, et al. (2024) Gliovascular transcriptional perturbations in Alzheimer's disease reveal molecular mechanisms of blood brain barrier dysfunction. Nature communications, 15(1),

4758.

Silliman K, et al. (2023) Epigenetic and Genetic Population Structure is Coupled in a Marine Invertebrate. Genome biology and evolution, 15(2).

Sadler KV, et al. (2023) Genome-wide association analysis identifies a susceptibility locus for sporadic vestibular schwannoma at 9p21. Brain : a journal of neurology, 146(7), 2861.

Zhang J, et al. (2023) Association of Combined Exposure to Ambient Air Pollutants, Genetic Risk, and Incident Rheumatoid Arthritis: A Prospective Cohort Study in the UK Biobank. Environmental health perspectives, 131(3), 37008.

Liu H, et al. (2022) Polygenic Resilience Modulates the Penetrance of Parkinson Disease Genetic Risk Factors. Annals of neurology, 92(2), 270.

Byrska-Bishop M, et al. (2022) High-coverage whole-genome sequencing of the expanded 1000 Genomes Project cohort including 602 trios. Cell, 185(18), 3426.

Lybech LKM, et al. (2021) Suicide Related Phenotypes in a Bipolar Sample: Genetic Underpinnings. Genes, 12(10).

van der Lee SJ, et al. (2021) Genetics Contributes to Concomitant Pathology and Clinical Presentation in Dementia with Lewy Bodies. Journal of Alzheimer's disease : JAD, 83(1), 269.

Souilmi Y, et al. (2021) An ancient viral epidemic involving host coronavirus interacting genes more than 20,000 years ago in East Asia. Current biology : CB, 31(16), 3504.

Harwood JC, et al. (2021) Defining functional variants associated with Alzheimer's disease in the induced immune response. Brain communications, 3(2), fcab083.

Curtis SW, et al. (2021) The PAX1 locus at 20p11 is a potential genetic modifier for bilateral cleft lip. HGG advances, 2(2).