Resource Summary Report

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Parkinson’s Disease Biomarkers Program Data Management Resource (PDBP DMR)

RRID:SCR_002517
Type: Tool

Proper Citation

Parkinson’s Disease Biomarkers Program Data Management Resource (PDBP DMR) (RRID:SCR_002517)

Resource Information

URL: https://pdbp.ninds.nih.gov

Proper Citation: Parkinson’s Disease Biomarkers Program Data Management Resource (PDBP DMR) (RRID:SCR_002517)

Description: Common data management resource and web portal to promote discovery of Parkinson's Disease diagnostic and progression biomarker candidates for early detection and measurement of disease progression. PDBP will serve as multi-faceted platform for integrating existing biomarker efforts, standardizing data collection and management across these efforts, accelerating discovery of new biomarkers, and fostering and expanding collaborative opportunities for all stakeholders.

Abbreviations: PDBP

Synonyms: Parkinson's Disease Biomarkers Program, PDBP: Parkinsons Disease Biomarkers Program, Parkinson’s Disease Biomarkers Program Data Management Resource, PDBP DMR

Resource Type: biospecimen repository, storage service resource, material storage repository, service resource

Defining Citation: PMID:25976927

Keywords: parkinson's, clinical neuroinformatics, magnetic resonance, diagnostic, progression, biomarker, clinical

Related Condition: Parkinson's disease

Funding: nlm ;
NINDS

Availability: Restricted

Resource Name: Parkinson’s Disease Biomarkers Program Data Management Resource (PDBP DMR)

Resource ID: SCR_002517

Alternate IDs: nlx_155919

Alternate URLs: http://www.nitrc.org/projects/pdbp

Old URLs: http://pdbp.ninds.nih.gov/index.jsp

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260808T185742+0000

Ratings and Alerts

No rating or validation information has been found for Parkinson’s Disease Biomarkers Program Data Management Resource (PDBP DMR).

No alerts have been found for Parkinson’s Disease Biomarkers Program Data Management Resource (PDBP DMR).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Luthra NS, et al. (2026) Longevity Factor Klotho and Resistance to Cognitive Deficits in Individuals with Parkinson's Disease and in an ?-Synuclein Mouse Model. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(18).

Dardov VJ, et al. (2026) Accelerating Medicines Partnership® Parkinson's Disease Proteomics: A Comprehensive Resource for Advancing Parkinson's Disease Research. Movement disorders : official journal of the Movement Disorder Society, 41(4), 972.

Wei Z, et al. (2026) M[Formula: see text]DGAT: Multi-view multi-scale dynamic graph attention network(GAT) based prediction of Parkinson's disease(PD) progression using whole-blood RNA sequencing data. Scientific reports, 16(1).

Liao Y, et al. (2025) Genetic Analysis of the X Chromosome Associates Loci with Progression of Parkinson's Disease. Movement disorders : official journal of the Movement Disorder Society, 40(9), 1908.

Zhang W, et al. (2025) DualGCN-GE: integration of spatiotemporal representations from whole-blood expression data with dual-view graph convolution network to identify Parkinson's disease subtypes. BMC bioinformatics, 26(1), 208.

Wang J, et al. (2025) Impact of Y chromosome loss on the risk of Parkinson's disease and progression. EBioMedicine, 117, 105769.

Higginbotham L, et al. (2025) Multiplex Proteomics of Lewy Body Dementia Reveals Cerebrospinal Fluid Biomarkers of Disease Pathology and Progression. bioRxiv : the preprint server for biology.

Eubanks E, et al. (2025) Increased burden of rare risk variants across gene expression networks predisposes to sporadic Parkinson's disease. Cell reports, 44(5), 115636.

Su C, et al. (2024) Identification of Parkinson's disease PACE subtypes and repurposing treatments through integrative analyses of multimodal data. NPJ digital medicine, 7(1), 184.

Wang L, et al. (2024) Peripheral immune cell abundance differences link blood mitochondrial DNA copy number and Parkinson's disease. NPJ Parkinson's disease, 10(1), 219.

Eubanks E, et al. (2024) Increased burden of rare risk variants across gene expression networks predisposes to sporadic Parkinson's disease. bioRxiv : the preprint server for biology.

Appleton E, et al. (2024) DOPA-decarboxylase is elevated in CSF, but not plasma, in prodromal and de novo Parkinson's disease. Translational neurodegeneration, 13(1), 31.

Yuan Y, et al. (2024) Single molecule array measures of LRRK2 kinase activity in serum link Parkinson's disease severity to peripheral inflammation. Molecular neurodegeneration, 19(1), 47.

De Francesco S, et al. (2023) Differential diagnosis of neurodegenerative dementias with the explainable MRI based machine learning algorithm MUQUBIA. Scientific reports, 13(1), 17355.

Danek B, et al. (2023) Federated Learning for multi-omics: a performance evaluation in Parkinson's disease. bioRxiv : the preprint server for biology.

Fisher DW, et al. (2023) A Preliminary Comparison of the Methylome and Transcriptome from the Prefrontal Cortex Across Alzheimer's Disease and Lewy Body Dementia. Journal of Alzheimer's disease reports, 7(1), 279.

Wilkes BJ, et al. (2023) Distinct cortical and subcortical predictors of Purdue Pegboard decline in Parkinson's disease and atypical parkinsonism. NPJ Parkinson's disease, 9(1), 85.

Mitchell T, et al. (2022) Advanced diffusion imaging to track progression in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy. NeuroImage. Clinical, 34, 103022.

Dadu A, et al. (2022) Identification and prediction of Parkinson's disease subtypes and progression using machine learning in two cohorts. NPJ Parkinson's disease, 8(1), 172.

Wang S, et al. (2022) Elevated Urinary Rab10 Phosphorylation in Idiopathic Parkinson Disease. Movement disorders : official journal of the Movement Disorder Society, 37(7), 1454.