

Resource Summary Report

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AETIONOMY

RRID:SCR_000232

Type: Tool

Proper Citation

AETIONOMY (RRID:SCR_000232)

Resource Information

URL: <http://www.aetionomy.eu/>

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Description: Consortium founded to establish mechanism-based taxonomies for Alzheimer's and Parkinson's disease and other neurodegenerative disorders (NDD), with the goal of facilitating development of more effective and targeted treatments. To do this, the consortium collects and analyzes data to: * Create new ways to combine underutilized data currently available in the literature, public databases, and from private companies * Determine how to dynamically organize and structure different types of knowledge about NDD * Determine how to apply this knowledge to construct new patient group classification * Identify correlations between disease features at molecular, tissue or organ-specific, and clinical levels * Identify sub-groups of patients based on the molecular cause of their disease, as opposed to the nature and location of their symptoms * Deliver data, tools, and recommendations for the biomedical community in the treatment of NDD A mechanism-based taxonomy is hoped to advance the: # Description and organization of the indication-specific data # Linking of data to disease models, based on causal and correlative relationships The expected outcome of AETIONOMY is a new NDD taxonomy system that distinguishes mixed pathologies, allowing for new features or classes to be added into the taxonomy, all with the goal of aiding drug and biomarker discovery.

Abbreviations: AETIONOMY

Resource Type: organization portal, data or information resource, consortium, portal

Keywords: drug development, drug, taxonomy, biomarker, etiology, epidemiology, neuroimaging, mechanism, clinical, clinical trial, database, classification, biological pathway, bio.tools

Funding: IMI ;
EFPIA

Resource Name: AETIONOMY

Resource ID: SCR_000232

Alternate IDs: nlx_157972, biotools:AETIONOMY

Alternate URLs: <https://bio.tools/AETIONOMY>

Record Creation Time: 20220129T080200+0000

Record Last Update: 20260803T040250+0000

Ratings and Alerts

No rating or validation information has been found for AETIONOMY.

No alerts have been found for AETIONOMY.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Domingo-Fernández D, et al. (2017) Multimodal mechanistic signatures for neurodegenerative diseases (NeuroMMSig): a web server for mechanism enrichment. Bioinformatics (Oxford, England), 33(22), 3679.

Bal-Price A, et al. (2017) Adverse outcome pathways: Application to enhance mechanistic understanding of neurotoxicity. Pharmacology & therapeutics, 179, 84.

Bagewadi S, et al. (2015) NeuroTransDB: highly curated and structured transcriptomic metadata for neurodegenerative diseases. Database : the journal of biological databases and curation, 2015.