

Resource Summary Report

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ARGH: Biomedical Acronym Resolver

RRID:SCR_008131

Type: Tool

Proper Citation

ARGH: Biomedical Acronym Resolver (RRID:SCR_008131)

Resource Information

URL: <http://etblast.vbi.vt.edu/argh/index.shtml>

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Description: ARGH is an automated, accurate and scalable method by which acronym-definition pairs can be identified within text. Its primary advantage is in enabling information processing methods to resolve author-defined acronyms, however it also allows an automated creation of a reference work on acronym definitions.

ARGH has several advantages over manual or semi-automated methods, besides time and effort saved, such as enabling identification of relative frequencies for alternate acronyms and definitions as well as spelling, phrasing and hyphenation variants for a unique acronym-definition pair. It also aids users in identifying acronym/definition variants present in the literature that may not necessarily be in biomedical databases.

ARGH functions by a set of heuristics to accurately locate and identify the boundaries of acronym-definition pairs was developed and refined in terms of precision and recall on subsets of MEDLINE records. These training sets were gradually increased in size and heuristics re-evaluated to ensure scalability.

ARGH can be tested on over 12 million MEDLINE records, and it can identify more than 174,000 unique acronyms and their 737,000 associated definitions. Currently, it is the world's largest and most comprehensive catalog of biomedical acronyms and abbreviations, containing approximately 257,000 out of an estimated 277,000 unique acronyms within MEDLINE.

Sponsors: ARGH is a service of UT Southwestern eTBLAST team.

Synonyms: ARGH

Resource Type: data or information resource, database

Keywords: abbreviation, acronym, acronym finder, acronym resolving general heuristics, alternate acronym, automated, biomedical, definition, heuristic, identification, literature, medline, processing, resolving, variant

Resource Name: ARGH: Biomedical Acronym Resolver

Resource ID: SCR_008131

Alternate IDs: nif-0000-20936

Old URLs: <http://invention.swmed.edu/argh/>

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260729T044200+0000

Ratings and Alerts

No rating or validation information has been found for ARGH: Biomedical Acronym Resolver.

No alerts have been found for ARGH: Biomedical Acronym Resolver.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Pandey AK, et al. (2014) Functionally enigmatic genes: a case study of the brain ignorome. PloS one, 9(2), e88889.

Benoit M, et al. (2010) The transcriptional programme of human heart valves reveals the natural history of infective endocarditis. PloS one, 5(1), e8939.