

Free!

# You Need Our Library.

<http://medals.jp/etop>

Database  
Software

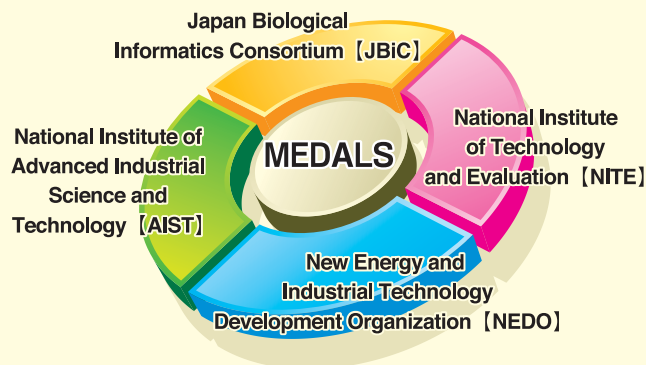


# MEDALS

METI database portal for life science

## What is MEDALS?

MEDALS is a web portal of life science of databases (DBs) and analysis tools for life science which were developed in the projects related to the Japanese METI (Ministry of Economy, Trade and Industry). The main four developers of the DBs are shown in the right figure. MEDALS provides their explanations and usages, with consideration for the needs of the industrial areas.



## What you can do with MEDALS

With MEDALS, you can find, understand, and utilize research products created by METI-related organizations efficiently. Also, you can use MEDALS original tools for supporting your research, such as PubMedScan (below).



### Database catalog

Database catalog introduces over 60 databases related to genome, protein, RNA and so on. You can browse information about each database, such as search keyword examples, and last update dates.



### Advanced search

You can search the whole MEDALS site by keywords.



### Tool catalog

Tool catalog introduces over 45 analysis tools that are related to genome, transcript, protein, sugar chain and so on. You can browse their information such as usage and the last update dates.



### Project catalog

Project catalog introduces the outlines of 19 projects with financial support from METI. You can browse the related databases and tools developed in these projects.



### Download

You can download tools and project reports that were created by METI-related organizations.



### Integrated DB

There are links to the integrated databases: 1) H-InvDB, an integrated database of human genes and transcripts, as a hub database for molecular data of human genes, and 2) "Integrated Database Project" web site by MEXT.



### MEDALS Tool

You can see special tools for data management developed by METI life science database project. These include: 1) **PubMedScan**, a paper recommendation tool; 2) **PMID-Extractor**, a software to obtain PubMed IDs (PMIDs) from PDF files or text format files; 3) **Hyperlink Management System** for setting hyperlinks to major databases related to human genes and proteins worldwide; and 4) **ID Converter System** which is an original tool for converting IDs used in major databases related to human genes and proteins worldwide.



### Link

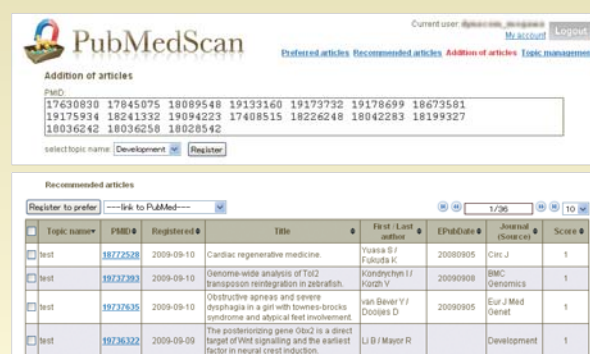
The links to some useful web sites providing the news and patent information, etc related to bioinformatics industry.

## Introduction of MEDALS tool



# PubMedScan

PubMedScan is an automatic paper recommendation system that sends you newly published papers in PubMed of your interest. This system has the following features: 1) queries are given by a list of PubMed IDs (PMIDs) to search for related articles, rather than by keywords or phrases; 2) related papers are reported daily by E-mail and stored in the system; 3) the similarity score between two articles are, currently, scored by PubMed "Related articles" service; and 4) the system can be used through either Web (ver. 2.0) or software for local installation (ver. 1.1). The local version can be installed on a UNIX machine such as Linux and Macintosh. This system is key-word free, therefore effective to compensate for lack of the survey through keyword search. To collect the PMIDs corresponding to the papers of your interest from your PDF or text files, we also provide software "PMID-Extractor".



## MEDALS finds answers!

- Looking for any excellent databases/tools? → You can browse the MEDALS catalogs to find a suitable database or tool for your purpose.
- Having trouble in using the databases/tools? → We explain the usages of each database and tools by showing simple examples.
- Spending too much time on literature searches? → PubMedScan automatically recommends the relevant papers of your interest.

## Contact

METI Integrated Database Project, User Support Group  
Integrated Database and Systems Biology Team,  
Biomedical Information Research Center (BIRC),  
National Institute of Advanced Industrial Science and Technology (AIST)  
Aomi 2-4-7, Koto-ku Tokyo, 135-0064, Japan  
TEL: +81-3-3599-8826 FAX: +81-3-3599-8801 E-MAIL: medals@m.aist.go.jp