

文献情報関連サービスを活用する

ライフサイエンス統合データベースセンター
山本泰智 (@yayamamo)



PubMed検索最新情報



The screenshot shows the PubMed.gov homepage. At the top, there's a navigation bar with links for NCBI, Resources, How To, Sign in to NCBI, PubMed, Advanced search, and Help. Below the navigation is a search bar with a "Search" button. A banner on the left side of the main content area says "PubMed" and describes the database. On the right, there's a "PubMed COMMONS" section with several colored icons. A large blue banner in the center has the Japanese text "インターフェースが変化し続いている" (The interface is changing continuously) in yellow. Below this banner are three columns of links: "Using PubMed" (PubMed Quick Start Guide, Full Text Articles, PubMed FAQs, PubMed Tutorials, New and Noteworthy), "PubMed Tools" (PubMed Mobile, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, Topic-Specific Queries), and "More Resources" (MeSH Database, Journals in NCBI Databases, Clinical Trials, E-Utilities (API), LinkOut). At the bottom, there's a footer with links for NCBI Education, NCBI Help Manual, NCBI Handbook, Training & Tutorials, Resources like Chemicals & Bioassays, Data & Software, DNA & RNA, Domains & Structures, Genes & Expression, Genetics & Medicine, Popular links like PubMed, Bookshelf, PubMed Central, PubMed Health, BLAST, Nucleotide, Featured links like Genetic Testing Registry, PubMed Health, GenBank, Reference Sequences, Gene Expression Omnibus, Map Viewer, and NCBI Information like About NCBI, Research at NCBI, NCBI News, NCBI FTP Site, NCBI on Facebook, and NCBI on Twitter. There's also a "Write to the Help Desk" link and a CC-BY license logo.

PubMed

PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content.

インターフェースが変化し続いている

Using PubMed

- [PubMed Quick Start Guide](#)
- [Full Text Articles](#)
- [PubMed FAQs](#)
- [PubMed Tutorials](#)
- [New and Noteworthy](#) 

PubMed Tools

- [PubMed Mobile](#)
- [Single Citation Matcher](#)
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- [Clinical Queries](#)
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More Resources

- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
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You are here: NCBI > Literature > PubMed

Write to the Help Desk

GETTING STARTED

- [NCBI Education](#)
- [NCBI Help Manual](#)
- [NCBI Handbook](#)
- [Training & Tutorials](#)

RESOURCES

- [Chemicals & Bioassays](#)
- [Data & Software](#)
- [DNA & RNA](#)
- [Domains & Structures](#)
- [Genes & Expression](#)
- [Genetics & Medicine](#)

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- [PubMed](#)
- [Bookshelf](#)
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- [Nucleotide](#)

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- [PubMed Health](#)
- [GenBank](#)
- [Reference Sequences](#)
- [Gene Expression Omnibus](#)
- [Map Viewer](#)

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PubMed

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PubMed COMMONS



Featured comment - Jun 9
Deciphering absence: In reply, author K Herrup clarifies perspective on Alzheimer disease & plaques.
[1.usa.gov/1KBUV9V](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9470429/)

Using PubMed

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[Full Text Articles](#)

[PubMed FAQs](#)

[PubMed Tutorials](#)

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PubMed Tools

[PubMed Mobile](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

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[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities \(API\)](#)

[LinkOut](#)

ncbi.nlm.nih.gov

PubMed Search term 



Welcome to PubMed Mobile

PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher websites.

Trending articles

[Chronic overeating impairs hepatic glucose uptake and disposition.](#)
Coate KC, et al. Am J Physiol Endocrinol Metab. 2015

効率的な検索を可能にする機能

- ・柔軟なフィルタ機能を検索結果ページに配置
- ・発表年による絞り込みを容易にする対話的なグラフを配置
- ・より詳細な条件設定を可能にするフォームを配置
- ・RSSを用いた最新検索結果の自動配信機能を提供

例: MERSで検索

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed MERS Search Help

Create RSS Create alert Advanced

Summary 20 per page Sort by Most Recent Send to: Filters: Manage Filters

Article types (Red Box)

- Clinical Trial
- Review
- Customize ...
- Text availability
- Abstract
- Free full text
- Full text

PubMed Commons

Reader comments

Trending articles

Publication dates

5 years

10 years

Custom range...

Species

Humans

Other Animals

[Clear all](#)

[Show additional filters](#)

Sequence Data from MERS Outbreak
Southeast Asia is grappling with a serious outbreak of Middle East Respiratory Syndrome (MERS). Sequence data from recent isolates in South Korea and China are released in GenBank as they become available.
[MERS Coronavirus Resource](#)

Results: 1 to 20 of 11961 Page 1 of 599

1. [Ligand-induced dimerization of MERS coronavirus nsp5 protease \(3CLpro\): implications for nsp5 regulation and the development of antivirals.](#)
Tomar S, Johnston ML, St John SE, Osswald HL, Nyalapatla PR, Paul LN, Ghosh AK, Denison MR, Mesecar AD.
J Biol Chem. 2015 Jun 8; pii: jbc.M115.651463. [Epub ahead of print]
PMID: 26055715 [Free Article](#)
[Similar articles](#)

2. [Oxygenation and Ventilation.](#)
Rozanski EA.
Vet Clin North Am Small Anim Pract. 2015 Jun 4; pii: S0195-5616(15)00064-9. doi: 10.1016/j.vcsm.2015.04.001. [Epub ahead of print] Review.
PMID: 26051823
[Similar articles](#)

3. [Bio-nanocomposite films reinforced with cellulose nanocrystals: Rheology of film-forming solutions, transparency, water vapor barrier and tensile properties of films.](#)
El Miri N, Abdelouahdi K, Barakat A, Zahouly M, Fihri A, Solhy A, El Achaby M.
Carbohydr Polym. 2015 Sep 20;129:156-67. doi: 10.1016/j.carbpol.2015.04.051. Epub 2015 Apr 30.
PMID: 26050901
[Similar articles](#)

4. [Spread of MERS to South Korea and China.](#)
Hui DS, Perlman S, Zumla A.
Lancet Respir Med. 2015 Jun 4; pii: S2213-2600(15)00238-6. doi: 10.1016/S2213-2600(15)00238-6. [Epub ahead of print] No abstract available.
PMID: 26050550
[Similar articles](#)

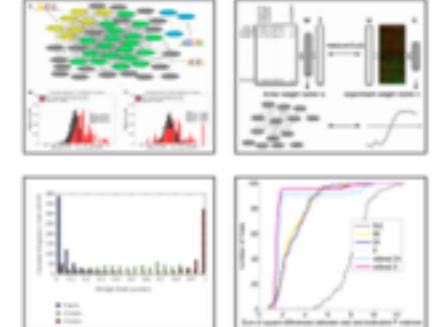
New feature Try the new Display Settings option - Sort by Relevance

Results by year Download CSV

Related searches

- mers coronavirus review
- mers virus
- mers cov review
- mers vaccine
- evidence for camel-to-human transmission of mers coronavirus

PMC Images search for MERS



- [Middle East respiratory syndrome.](#)
5. Zumla A, Hui DS, Perlman S.
Lancet. 2015 Jun 3. pii: S0140-6736(15)60454-8. doi: 10.1016/S0140-6736(15)60454-8. [Epub ahead of print] Review.
PMID: 26049252
[Similar articles](#)
- [Design, synthesis and evaluation of a series of acyclic fleximer nucleoside analogues with anti-coronavirus activity.](#)
6. Peters HL, Jochmans D, de Wilde AH, Posthuma CC, Snijder EJ, Neyts J, Seley-Radtke KL.
Bioorg Med Chem Lett. 2015 May 23. pii: S0960-894X(15)00501-6. doi: 10.1016/j.bmcl.2015.05.039. [Epub ahead of print]
PMID: 26048809
[Similar articles](#)
- [South Korea scrambles to contain MERS virus.](#)
7. Dyer O.
BMJ. 2015 Jun 5;350:h3095. doi: 10.1136/bmj.h3095. No abstract available.
PMID: 26047970
[Similar articles](#)
- [Preoperative carboplatin and paclitaxel-based chemoradiotherapy for esophageal carcinoma: results of a modified CROSS regimen utilizing radiation doses greater than 41.4 Gy.](#)
8. Nabavizadeh N, Shukla R, Elliott DA, Mitin T, Vaccaro GM, Dolan JP, Maggiore RJ, Schipper PH, Hunter JG, Thomas CR, Holland JM.
Dis Esophagus. 2015 Jun 5. doi: 10.1111/dote.12377. [Epub ahead of print]
PMID: 26043837
[Similar articles](#)
- [Coronavirus nsp10/nsp16 methyltransferase can be targeted by nsp10-derived peptide in vitro and in vivo to reduce replication and pathogenesis.](#)
9. Wang Y, Sun Y, Wu A, Xu S, Pan R, Zeng C, Jin X, Ge X, Shi Z, Ahola T, Chen Y, Guo D.
J Virol. 2015 Jun 3. pii: JVI.00948-15. [Epub ahead of print]
PMID: 26041293
[Similar articles](#)
- [Clonidine withdrawal induced sympathetic surge.](#)
10. Shaw M, Matsa R.
BMJ Case Rep. 2015 Jun 2;2015. pii: bcr2015210325. doi: 10.1136/bcr-2015-210325.
PMID: 26038384
[Similar articles](#)
- [Mild encephalopathy with reversible splenial lesion in a patient with influenza A infection-first report in an adult patient in the USA.](#)
11. [Wu LQ, Li LF, Li Y, Liu K, Li J, et al.](#)

[See more \(215\)...](#)

Titles with your search terms

- Middle East Respiratory Syndrome
Coronavirus "ME" [Paediatr Respir Rev. 2015]
Evidence for camel-to-human transmission of MERS coronavirus. [N Engl J Med. 2014]
Middle East respiratory syndrome (MERS): a new zoonotic viral pneum [Virulence. 2014]

[See more...](#)

2714 free full-text articles in PubMed Central

- Early prediction and outcome of septic encephalopathy in ac [J Clin Med Res. 2015]
Toll-Like Receptor 3 Signaling via TRIF Contributes to a Protective Inne [MBio. 2015]
Crystal structure of 4-bromo-2-[(E)-N-(2,2,6,6-tetr [Acta Crystallogr E Crystallogr...]

[See all \(2714\)...](#)

Find related data

Database: Select

[Find items](#)

Search details

"severe acute respiratory syndrome" [MeSH Terms] OR ("severe" [All Fields] AND "acute" [All Fields] AND "respiratory" [All Fields] AND

[Search](#)

[See more...](#)

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MERS (11961)

PubMed



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Sort by Relevance

PubMed MERS Search Results

Article types: Summary, 20 per page, Sort by Relevance (highlighted)

Send to: Filters: Manage Filters

Results: 1 to 20 of 11960

New feature: Results currently sorted by Relevance - Sort by Recently Added (highlighted)

Text availability: Clinical Trial, Review, Customize ...

Abstract: Free full text, Full text

PubMed Commons: Reader comments, Trending articles

Publication dates: 5 years, 10 years, Custom range...

Species: Humans, Other Animals

Clear all, Show additional filters

1. [Coronaviruses: severe acute respiratory syndrome coronavirus and Middle East respiratory syndrome coronavirus in travelers.](#)
Al-Tawfiq JA, Zumla A, Memish ZA.
Curr Opin Infect Dis. 2014 Oct;27(5):411-7. doi: 10.1097/QCO.0000000000000089. Review.
PMID: 25033169
[Similar articles](#)

2. [Severe acute respiratory syndrome vs. the Middle East respiratory syndrome.](#)
Hui DS, Memish ZA, Zumla A.
Curr Opin Pulm Med. 2014 May;20(3):233-41. doi: 10.1097/MCP.0000000000000046.
Review.
PMID: 24626235
[Similar articles](#)

3. [Severe acute respiratory syndrome-associated coronavirus vaccines formulated with delta inulin adjuvants provide enhanced protection while ameliorating lung eosinophilic immunopathology.](#)
Honda-Okubo Y, Barnard D, Ong CH, Peng BH, Tseng CT, Petrovsky N.
J Virol. 2015 Mar;89(6):2995-3007. doi: 10.1128/JVI.02980-14. Epub 2014 Dec 17.
PMID: 25520500
[Similar articles](#)

4. [Importance of the case of coronavirus-associated severe acute respiratory syndrome detected in Hungary in 2005.](#)
Rókusz L, Jankovics I, Jankovics M, Sarkadi J, Visontai I.
Orv Hetil. 2013 Nov 24;154(47):1877-82. doi: 10.1556/OH.2013.29763. Hungarian.
PMID: 24240525
[Similar articles](#)

5. [Virus-specific memory CD8 T cells provide substantial protection from lethal severe acute respiratory syndrome coronavirus infection.](#)

Results by year, Download CSV

PMC Images search for MERS

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個々の文献情報に対する付加情報

The screenshot shows a PubMed search results page for the article "Coronaviruses: severe acute respiratory syndrome coronavirus and Middle East respiratory syndrome coronavirus in travelers".

Header: PubMed, Advanced search, Search button, Help button.

Abstract: Curr Opin Infect Dis. 2014 Oct;27(5):411-7. doi: 10.1097/QCO.0000000000000089.

Title: Coronaviruses: severe acute respiratory syndrome coronavirus and Middle East respiratory syndrome coronavirus in travelers.

Authors: Al-Tawfiq JA¹, Zumla A, Memish ZA.

Author information: [link]

Abstract:

PURPOSE OF REVIEW: Middle East respiratory syndrome coronavirus (MERS-CoV) is currently the focus of global attention. In this review, we describe virological, clinical, epidemiological features and interim travel advice and guidelines regarding MERS-CoV. We compare and contrast these with the severe acute respiratory syndrome coronavirus (SARS-CoV).

RECENT FINDINGS: MERS-CoV is a novel β CoV that causes a spectrum of clinical illness from asymptomatic to the rapidly fatal disease mainly in those with comorbid conditions. Epidemiological and genomic studies show zoonotic transmission to humans from camels and possibly bats. In contrast to the SARS-CoV pandemic, very limited global spread of fatal MERS-CoV has occurred outside the Arabian Peninsula. Although mainly currently restricted to Middle Eastern countries, MERS-CoV was reported from at least 10 other countries in Europe, Asia and the United States. All primary cases have been linked to travel to the Middle East. Nosocomial transmission of MERS-CoV has occurred because of poor infection control measures. Specific molecular diagnostic tests are available. Currently, there are no specific drugs for prevention or treatment for MERS-CoV and vaccine development is in the early stages. Advice and guidance for travelers to the Middle East are updated regularly by the World Health Organization (WHO) and the Centers for Disease Control and Prevention (CDC).

SUMMARY: Like SARS-CoV, MERS-CoV threatens global health security. All physicians and travelers to the Middle East should be aware of the new threat caused by MERS-CoV and follow CDC and WHO guidelines. Those who develop ill health during their trip or soon after their return should seek medical care.

PMID: 25033169 [PubMed - indexed for MEDLINE]

Social sharing: Facebook, Twitter, Print, Email.

Related Information: Articles frequently viewed together, MedGen.

Recent Activity: Coronaviruses: severe acute respiratory syndrome coron.

Bottom navigation: LinkOut - more resources, (cc) BY logo, ライフサイエンス統合データベースセンター.

MeSHタームを利用していますか？

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SUMMARY: Like SARS-CoV, MERS-CoV threatens global health security. All physicians and travelers to the Middle East should be aware of the new threat caused by MERS-CoV and follow CDC and WHO guidelines. Those who develop ill health during their trip or soon after their return should seek medical care.

PMID: 25033169 [PubMed - indexed for MEDLINE]



Publication Types, MeSH Terms, Substances

Publication Types

[Review](#)

MeSH Terms

[Aircraft](#)
[Antibodies, Neutralizing/therapeutic use](#)
[Cross Infection/prevention & control*](#)

coronavir [Travel Med Infect Dis. 2014]

[See reviews...](#)

[See all...](#)

Related information

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[Coronaviruses: severe acute respiratory syndrome coronaviruses](#) [PubMed](#)

[MERS \(11960\)](#) [PubMed](#)

[Middle East respiratory syndrome](#) [PubMed](#)

Middle East Respiratory Syndrome Coronavirus/isolation & purification*

[Infection Control/organization & administration](#)

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[Middle East/epidemiology](#)

[Middle East Respiratory Syndrome Coronavirus/isolation & purification*](#)

[Middle East Respiratory Syndrome Coronavirus/pathogenicity](#)

[Pandemics](#)

[SARS Virus/isolation & purification*](#)

[SARS Virus/pathogenicity](#)

[Severe Acute Respiratory Syndrome/drug therapy](#)

[Severe Acute Respiratory Syndrome/immunology](#)

[Severe Acute Respiratory Syndrome/prevention & control](#)

[Severe Acute Respiratory Syndrome/transmission*](#)

[Time Factors](#)

[Travel*](#)

[United States/epidemiology](#)



MeSH (Medical Subject Headings) ターム

- ・概念階層関係を持つ統制語彙 (語彙数は約2万6千) で毎年更新される
- ・MEDLINE収録の全文献に対しNational Library of Medicine (NLM) の約100人の専門スタッフがMeSHタームを用いた注釈付けを行う
- ・全員が生命科学関係の学士以上の学位を有す
- ・PubMed検索時に利用することで効率良く目的の文献を見つけられる
- ・MEDLINEの代表的な特徴

MeSHデータベースを利用したPubMed検索

The screenshot shows the PubMed homepage. At the top left is a large image of an open book. To its right is a dark blue sidebar containing the text "PubMed" and a brief description: "PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites." To the right of the sidebar is the main content area. In the top right corner of this area, there is a "PubMed COMMONS" section featuring several colored speech bubble icons. Below this is a "Featured comment - Jun 9" section with the title "Deciphering absence: In reply, author K Herrup clarifies perspective on Alzheimer disease & plaques." and a link "1.usa.gov/1KBUV9V".

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More Resources

- MeSH Database** 
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参考: <https://youtu.be/uyF8uQY9wys>

Display Settings: Summary

Send to:

Results: 4

[Severe Acute Respiratory Syndrome](#)

1. A viral disorder characterized by high FEVER, dry COUGH, shortness of breath (DYSPNEA) or breathing difficulties, and atypical PNEUMONIA. A virus in the genus CORONAVIRUS is the suspected agent.
Year introduced: 2003

[Middle East Respiratory Syndrome Coronavirus](#)

2. A coronavirus first reported in the summer of 2012 in a pneumonia patient in SAUDI ARABIA. It is related to SARS VIRUS. MERS-CoV has an estimated incubation period of 12 days and symptoms include renal failure and severe acute pneumonia with often fatal outcome.

Year introduced: 2015

[Coronavirus Infections](#)

3. Virus diseases caused by the CORONAVIRUS genus. Some specifics include transmissible enteritis of turkeys (ENTERITIS, TRANSMISSIBLE, OF TURKEYS); FELINE INFECTIOUS PERITONITIS; and transmissible gastroenteritis of swine (GASTROENTERITIS, TRANSMISSIBLE, OF SWINE).

Year introduced: 1994

[Nsp3 protein, Middle East respiratory syndrome coronavirus \[Supplementary Concept\]](#)

4. Date introduced: February 12, 2015

Display Settings: Summary

Send to:

Search

See more...

PubMed Search Builder

AND

 [Tutorial](#)

Find related data

Database:

Search details

"severe acute respiratory syndrome" [MeSH Terms] OR
MERS [Text Word]

Display Settings: FullSend to:

Middle East Respiratory Syndrome Coronavirus

A coronavirus first reported in the summer of 2012 in a pneumonia patient in SAUDI ARABIA. It is related to SARS VIRUS. MERS-CoV has an estimated incubation period of 12 days and symptoms include renal failure and severe acute pneumonia with often fatal outcome.

Year introduced: 2015

PubMed search builder options

Subheadings:

- analysis
- chemistry
- classification
- drug effect

- enzymology
- etiology
- genetics
- immunology

- isolation and purification
- metabolism
- pathogenicity
- physiology

 Restrict to MeSH Major Topic Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): B04.820.504.540.150.540, B04.909.777.500.540.150.540

MeSH Unique ID: D065207

Entry Terms:

- MERS-CoV

Previous Indexing:

- [Coronavirus \(2013-2014\)](#)

[All MeSH Categories](#)[Organisms Category](#)[Viruses](#)[RNA Viruses](#)[Nidovirales](#)[Coronaviridae](#)[Coronavirus](#)**Middle East Respiratory Syndrome Coronavirus**

②

①

③



PubMed Search Builder

"Middle East Respiratory Syndrome Coronavirus" [Mesh]

[Add to search builder](#)

AND

[Search PubMed](#)[YouTube Tutorial](#)

Related information

[PubMed](#)[PubMed - Major Topic](#)[Clinical Queries](#)[NLM MeSH Browser](#)

Recent Activity

[Turn Off](#) [Clear](#)

Middle East Respiratory Syndrome Coronavirus MeSH

"Middle East Respiratory Syndrome Coronavirus/gen" PubMed

MERS (4) MeSH

Coronaviruses: severe acute respiratory syndrome corona PubMed

Middle East respiratory syndrome coronavirus (MERS-CoV): PubMed

[See more...](#)

Article types

Review

Customize ...

Text availability

Abstract

Free full text

Full text

Publication dates

5 years

10 years

Custom range...

Species

Humans

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Summary ▾ 20 per page ▾ Sort by Relevance ▾

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Filters: [Manage Filters](#)

Results: 1 to 20 of 79

<< First < Prev Page 1 of 4 Next > Last >>

[Middle East respiratory syndrome coronavirus: another zoonotic betacoronavirus causing SARS-like disease.](#)

1. [Middle East respiratory syndrome coronavirus: another zoonotic betacoronavirus causing SARS-like disease.](#)

Chan JF, Lau SK, To KK, Cheng VC, Woo PC, Yuen KY.

Clin Microbiol Rev. 2015 Apr;28(2):465-522. doi: 10.1128/CMR.00102-14. Review.

PMID: 25810418

[Similar articles](#)

[Glycosylation of mouse DPP4 plays a role in inhibiting Middle East respiratory syndrome coronavirus infection.](#)

2. [Glycosylation of mouse DPP4 plays a role in inhibiting Middle East respiratory syndrome coronavirus infection.](#)

Peck KM, Cockrell AS, Yount BL, Scobey T, Baric RS, Heise MT.

J Virol. 2015 Apr;89(8):4696-9. doi: 10.1128/JVI.03445-14. Epub 2015 Feb 4.

PMID: 25653445

[Similar articles](#)

[CT correlation with outcomes in 15 patients with acute Middle East respiratory syndrome coronavirus.](#)

3. [CT correlation with outcomes in 15 patients with acute Middle East respiratory syndrome coronavirus.](#)

Das KM, Lee EY, Enani MA, AlJawder SE, Singh R, Bashir S, Al-Nakshbandi N, AlDossari K, Larsson SG.

AJR Am J Roentgenol. 2015 Apr;204(4):736-42. doi: 10.2214/AJR.14.13671. Epub 2015 Jan 23.

PMID: 25615627

[Similar articles](#)

[Middle East respiratory syndrome coronavirus \(MERS-CoV\): current](#)

4. [Middle East respiratory syndrome coronavirus \(MERS-CoV\): current situation 3 years after the virus was first identified.](#)

Ben Embarek PK, Van Kerkhove MD.

Wkly Epidemiol Rec. 2015 May 15;90(20):245-50. English, French. No abstract available.

PMID: 25980038 [Free Article](#)

[Similar articles](#)

New feature

Results currently sorted by Relevance -
Sort by Recently Added

Titles with your search terms

Middle East Respiratory Syndrome Coronaviri [Paediatr Respir Rev. 2015]

Hospital outbreak of **Middle East respiratory synd** [N Engl J Med. 2013]

Host species restriction of **Middle East respiratory syndrome c** [J Virol. 2014]

[See more...](#)

23 free full-text articles in PubMed Central

Host cell entry of **Middle East respir** [Proc Natl Acad Sci U S A. 2014]

Review Molecular pathology of emerging coronavirus ii [J Pathol. 2015]

IFITM proteins inhibit entry driven by the MERS-coronavirus : [Viruses. 2014]

[See all \(23\)...](#)

Find related data

Database: [Select](#)

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特定の検索目的に特化したPubMedの利用

The screenshot shows the PubMed homepage. At the top left is a large image of an open book. To its right is a dark blue sidebar containing the text "PubMed" and a brief description: "PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites." To the right of the sidebar is the main content area. In the top right corner of this area is a section titled "PubMed COMMONS" featuring a row of colored speech bubble icons. Below this is a "Featured comment" from June 9, 2013, about deciphering absence in Alzheimer disease, with a link to the full text.

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PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

MERS

[Search](#)

Clinical Study Categories

Category: [Therapy](#)

Scope: [Broad](#)

Results: 5 of 2756

Preoperative carboplatin and paclitaxel-based chemoradiotherapy for esophageal carcinoma: results of a modified CROSS regimen utilizing radiation doses greater than 41.4 Gy.

Nabavizadeh N, Shukla R, Elliott DA, Mitin T, Vaccaro GM, Dolan JP, Maggiore RJ, Schipper PH, Hunter JG, Thomas CR, et al.
Dis Esophagus. 2015 Jun 5; . Epub 2015 Jun 5.

Noninvasive Support and Ventilation for Pediatric Acute Respiratory Distress Syndrome: Proceedings From the Pediatric Acute Lung Injury Consensus Conference.

Essouri S, Carroll C, Pediatric Acute Lung Injury Consensus Conference Group.
Pediatr Crit Care Med. 2015 Jun; 16(5_suppl Suppl 1):S102-S110.

Extracorporeal Treatment for Salicylate Poisoning: Systematic Review and Recommendations From the EXTRIP Workgroup.

Juurink DN, Gosselin S, Kielstein JT, Ghannoum M, Lavergne V, Nolin TD, Hoffman RS, EXTRIP Workgroup.
Ann Emerg Med. 2015 May 8; . Epub 2015 May 8.

High-frequency oscillatory ventilation for patients during exudative phase of severe ARDS.

Naonungroj T, Vilaichone W, Tongyoo S, Thamrongpairoj P, Permpikul C.
J Med Assoc Thai. 2015 Apr; 98(4):343-51.

The efficacy and safety of prone positioning in adults patients with acute respiratory distress syndrome: a meta-analysis of randomized controlled trials.

Park SY, Kim HJ, Yoo KH, Park YB, Kim SW, Lee SJ, Kim EK, Kim JH, Kim YH, Moon JY, et al.
J Thorac Dis. 2015 Mar; 7(3):356-67.

[See all \(2756\)](#)

This column displays citations filtered to a specific clinical study category and scope. These search filters were developed by [Haynes RB et al.](#) See more [filter information](#).

Systematic Reviews

Results: 5 of 225

Pulmonary Specific Ancillary Treatment for Pediatric Acute Respiratory Distress Syndrome: Proceedings From the Pediatric Acute Lung Injury Consensus Conference.

Tamburro RF, Kneyber MC, Pediatric Acute Lung Injury Consensus Conference Group.
Pediatr Crit Care Med. 2015 Jun; 16(5_suppl Suppl 1):S61-S72.

Noninvasive Support and Ventilation for Pediatric Acute Respiratory Distress Syndrome: Proceedings From the Pediatric Acute Lung Injury Consensus Conference.

Essouri S, Carroll C, Pediatric Acute Lung Injury Consensus Conference Group.
Pediatr Crit Care Med. 2015 Jun; 16(5_suppl Suppl 1):S102-S110.

Extracorporeal Treatment for Salicylate Poisoning: Systematic Review and Recommendations From the EXTRIP Workgroup.

Juurink DN, Gosselin S, Kielstein JT, Ghannoum M, Lavergne V, Nolin TD, Hoffman RS, EXTRIP Workgroup.
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J Thorac Dis. 2015 Mar; 7(3):356-67.

Association between Maturation and Aging and Pulmonary Responses in Animal Models of Lung Injury: A Systematic Review.

Schouten LR, Schultz MJ, van Kaam AH, Juffermans NP, Bos AP, Wosten-van Asperen RM.
Anesthesiology. 2015 Apr 27; . Epub 2015 Apr 27.

[See all \(225\)](#)

This column displays citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines. See [filter information](#) or additional [related sources](#).

Medical Genetics

Topic: [All](#)

Results: 5 of 2376

Diagnostic and prognostic utility of tissue factor for severe sepsis and sepsis-induced acute lung injury.

Xue M, Sun Z, Shao M, Yin J, Deng Z, Zhang J, Xing L, Yang X, Chen B, Dong Z, et al.
J Transl Med. 2015 May 30; 13(1):172. Epub 2015 May 30.

Toll-Like Receptor 3 Signaling via TRIF Contributes to a Protective Innate Immune Response to Severe Acute Respiratory Syndrome Coronavirus Infection.

Totura AL, Whitmore A, Agnihotram S, Schäfer A, Katze MG, Heise MT, Baric RS.
MBio. 2015 May 26; 6(3). Epub 2015 May 26.

Wider attention for GOF science.

Fineberg HV.
Science. 2015 Feb 27; 347(6225):929.

Tryptophan-dependent membrane interaction and heteromerization with the internal fusion peptide by the membrane proximal external region of SARS-CoV spike protein.

Liao Y, Zhang SM, Neo TL, Tam JP.
Biochemistry. 2015 Mar 10; 54(9):1819-30. Epub 2015 Feb 25.

ATP1A1-mediated Src signaling inhibits coronavirus entry into host cells.

Burkard C, Verhelje MH, Haagmans BL, van Kuppeveld FJ, Rottier PJ, Bosch BJ, de Haan CA.
J Virol. 2015 Apr; 89(8):4434-48. Epub 2015 Feb 4.

[See all \(2376\)](#)

This column displays citations pertaining to topics in medical genetics. See more [filter information](#).

予め設定されたPubMed検索テンプレート

Category	Optimized For	Sensitive/ Specific	PubMed Equivalent
therapy	sensitive/broad	99%/70%	((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials as topic[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]))
	specific/narrow	93%/97%	(randomized controlled trial[Publication Type] OR (randomized[Title/Abstract] AND controlled[Title/Abstract] AND trial[Title/Abstract]))
diagnosis	sensitive/broad	98%/74%	(sensitiv*[Title/Abstract] OR sensitivity and specificity[MeSH Terms] OR diagnose[Title/Abstract] OR diagnosed[Title/Abstract] OR diagnoses[Title/Abstract] OR diagnosing[Title/Abstract] OR diagnosis[Title/Abstract] OR diagnostic[Title/Abstract] OR diagnosis[MeSH:noexp] OR diagnostic * [MeSH:noexp] OR
	specific/narrow	64%/98%	(specificity[Title/Abstract])
etiology	sensitive/broad	93%/63%	(risk*[Title/Abstract] OR risk*[MeSH:noexp] OR risk *[MeSH:noexp] OR cohort studies[MeSH Terms] OR group[Text Word] OR groups[Text Word] OR grouped [Text Word])
	specific/narrow	51%/95%	((relative[Title/Abstract] AND risk*[Title/Abstract]) OR (relative risk[Text Word]) OR risks[Text Word] OR cohort studies[MeSH:noexp] OR (cohort[Title/Abstract] AND study[Title/Abstract]) OR (cohort[Title/Abstract] AND studies[Title/Abstract]))
prognosis	sensitive/broad	90%/80%	(incidence[MeSH:noexp] OR mortality[MeSH Terms] OR follow up studies[MeSH:noexp] OR prognos*[Text Word] OR predict*[Text Word] OR course*[Text Word])
	specific/narrow	52%/94%	(prognos*[Title/Abstract] OR (first[Title/Abstract] AND episode[Title/Abstract]) OR cohort[Title/Abstract])
clinical prediction guides	sensitive/broad	96%/79%	(predict*[tiab] OR predictive value of tests[mh] OR score[tiab] OR scores[tiab] OR scoring system[tiab] OR scoring systems[tiab] OR observ*[tiab] OR observer variation[mh])
	specific/narrow	54%/99%	(validation[tiab] OR validate[tiab])

http://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.Clinical_Queries_Filters

PubMedから直接BLASTを利用する

PubMed search results for "human genome blast".

Search terms: human genome blast

Filters: Manage Filters

Human genome BLAST

Primary reference assembly (GRCh38)

Dataset: Genomic DNA

Program: blastn

nucleotide sequence data or accession number

BLAST More options

Results: 1 to 20 of 524

1. Camelid Ig V genes reveal significant human homology not seen in therapeutic target genes, providing for a powerful therapeutic antibody platform.

Klarenbeek A, El Mazouari K, Desmyter A, Blanchetot C, Hultberg A, de Jonge N, Roovers RC, Cambillau C, Spinelli S, Del-Favero J, Verrips T, de Haard HJ, Achour I. *MAbs*. 2015 May 27:0. [Epub ahead of print]

PMID: 26018625

Similar articles

2. Identification and Validation of Evolutionarily Conserved Unusually Short Pre-mRNA Introns in the Human Genome.

Shimada MK, Sasaki-Haraguchi N, Mayeda A. *Int J Mol Sci*. 2015 May 7;16(5):10376-88. doi: 10.3390/ijms160510376.

PMID: 25961948

Free Article

Similar articles

3. Identification of genes involved in the phosphate metabolism in Cryptococcus neoformans.

Toh-E A, Ohkusu M, Li HM, Shimizu K, Takahashi-Nakaguchi A, Gono T, Kawamoto S, Kaneko Y, Yoshikawa H, Nishizawa M. *Fungal Genet Biol*. 2015 May 5;80:19-30. doi: 10.1016/j.fgb.2015.04.019. [Epub ahead of print]

PMID: 25957252

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The human genome

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A new revision of the human reference sequence, GRCh38, was released in December, 2013. The geno... more

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BLAST human genome

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Statistics

Annotation release 106

Genome size 3,209 Mb

Genes and pseudogenes 41,566

mRNAs 67,793

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New feature

Try the new Display Settings option - Sort by Relevance

PMC Images search for human genome blast

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PubMed検索の注意

- 複合語の検索は二重引用符()で囲むことで可能
ただし、それがPubMedデータベースの索引に含まれていなければならぬ
- 例:
 - Linked Open Data
 - Open Data
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- 最新の文献およびPubMedのみに含まれる文献はMeSHタームでは検索できない
 1. 人手により付けられており、通常約3週間かかるため
 2. MeSHタームはMEDLINEに書誌情報が収められる文献が対象
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Abstract **Send to:**

[Int J Med Inform.](#) 2014 Nov;83(11):860-8. doi: 10.1016/j.ijmedinf.2014.08.005. Epub 2014 Aug 25.

Comparison of electronic health record system functionalities to support the patient recruitment process in clinical trials.

Schreiweis B¹, Trinczek B², Köpcke F³, Leusch T⁴, Majeed RW⁵, Wenk J⁶, Bergh B⁷, Ohmann C⁶, Röhrig R⁵, Dugas M², Prokosch HU³.

Author information

Abstract

OBJECTIVES: Reusing data from electronic health records for clinical and translational research and especially for patient recruitment has been tackled in a broader manner since about a decade. Most projects found in the literature however focus on standalone systems and proprietary implementations at one particular institution often for only one singular trial and no generic evaluation of EHR systems for their applicability to support the patient recruitment process does yet exist. Thus we sought to assess whether the current generation of EHR systems in Germany provides modules/tools, which can readily be applied for IT-supported patient recruitment scenarios.

METHODS: We first analysed the EHR portfolio implemented at German University Hospitals and then selected 5 sites with five different EHR implementations covering all major commercial systems applied in German University Hospitals. Further, major functionalities required for patient recruitment support have been defined and the five sample EHRs and their standard tools have been compared to the major functionalities.

RESULTS: In our analysis of the site's hospital information system environments (with four commercial EHR systems and one self-developed system) we found that - even though no dedicated module for patient recruitment has been provided - most EHR products comprise generic tools such as workflow engines, querying capabilities, report generators and direct SQL-based database access which can be applied as query modules.

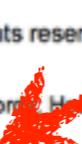
PMID: 25189709 [PubMed - indexed for MEDLINE]

for future developments that EHR customers and vendors focus much more on the provision of dedicated patient recruitment modules.

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KEYWORDS: Clinical trials; Electronic health records; Hospital information systems; Patient selection

PMID: 25189709 [PubMed - indexed for MEDLINE]



Publication Types, MeSH Terms

Publication Types

- [Comparative Study](#)
- [Multicenter Study](#)
- [Research Support, Non-U.S. Gov't](#)
- [Review](#)

MeSH Terms

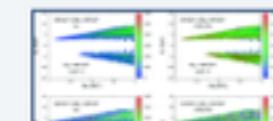
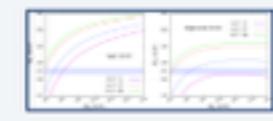
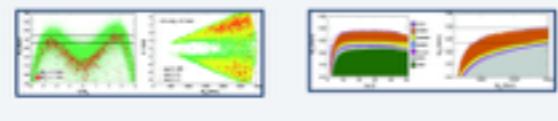
- [Academic Medical Centers/organization & administration*](#)
- [Clinical Trials as Topic/methods*](#)
- [Electronic Health Records/organization & administration*](#)
- [Germany](#)
- [Health Records, Personal*](#)
- [Information Storage and Retrieval/methods*](#)
- [Patient Selection*](#)

Abstract ▾

Send to: ▾

Eur Phys J C Part Fields. 2014;74(5):2704. Epub 2014 May 27.**Implications of the Higgs discovery for the MSSM.**Djouadi A¹.[Author information](#)**Abstract**

The implications of the discovery of the Higgs boson at the LHC with a mass of approximately 125 GeV are summarised in the context of the minimal supersymmetric extension of the Standard Model, the MSSM. Discussed are the implications from the measured mass and production/decay rates of the observed particle and from the constraints in the search for the heavier Higgs states at the LHC.

PMID: 25814886 [PubMed]**PMID: 25814886 [PubMed] PMCID: PMC4371076 Free PMC Article****Images from this publication. See all images (20) Free text****Publication Types****Publication Types**REVIEW**LinkOut - more resources****Full Text Sources**EBSCOEurope PubMed CentralGale DatabasesProQuestPubMed CentralPubMed Central Canada

実習

iPS細胞に関する山中先生が著者
に含まれている論文を探す
(MeSH Databaseから検索)



Allie
文献で使われる略語
を検索

inMeXes
文献で使われる英語
表現を検索

隨時更新
無料

Colil
引用情報の検索

Allie (アリー)

文献で使われる略語とその展開形を検索



<http://allie.dbcls.jp/>



生命科学分野の文献中には略語が多い

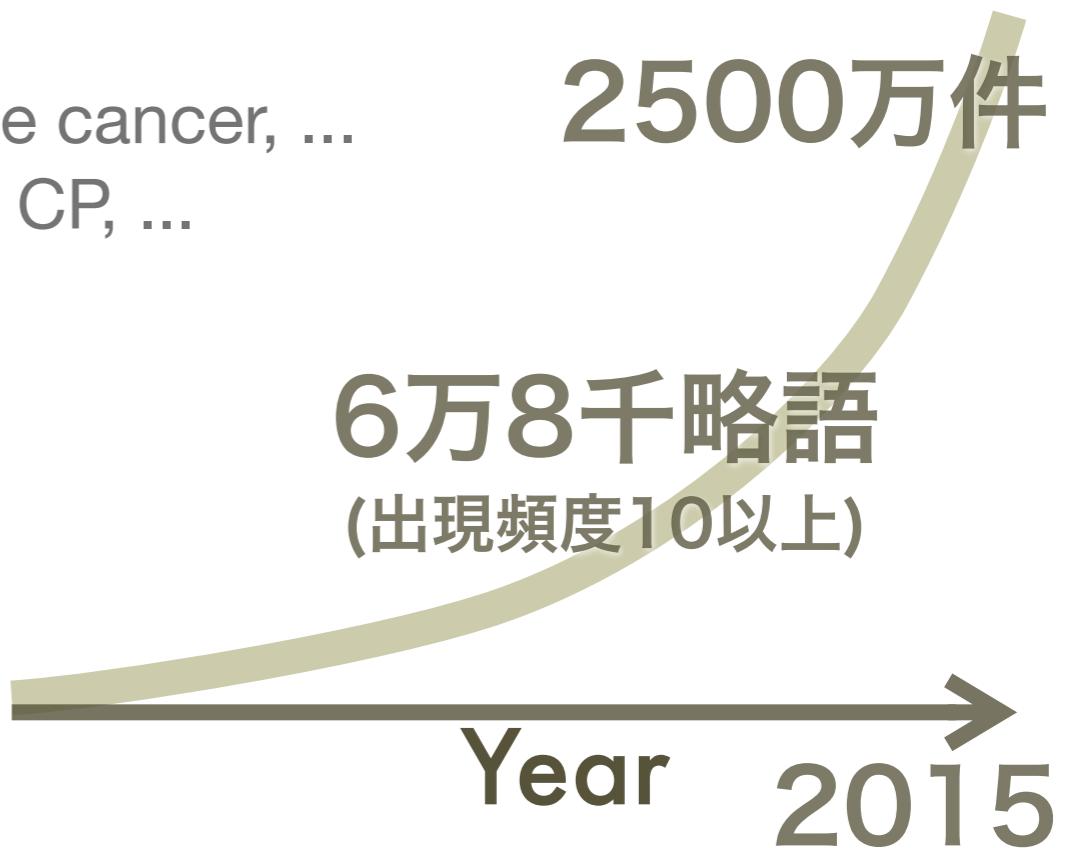
- 研究者により自由に略語が生み出されている

発表文献数は増加の一途 (PubMedには2000報以上追加/日)

- 多くの多義語・類義語が存在

- 読み手に誤解と混乱を生じさせる

PC: personal computer, primary care, prostate cancer, ...
Alcoholic chronic pancreatitis: ACP, alcoholic CP, ...



生命科学系の略語を簡単に調べる方法はないか？

新たに作られた略語も含めて

Toxicol Sci. 2010 Feb;113(2):293-304. Epub 2009 Oct 25.

Effects of cytochrome P450 inhibitors on the biotransformation of fluorogenic substrates by adult male rat liver microsomes and cDNA-expressed rat cytochrome P450 isoforms.

Makaji E, Trambitas CS, Shen P, Holloway AC, Crankshaw DJ.

Department of Obstetrics & Gynecology, McMaster University, Ontario, Canada.

Abstract

We have evaluated the use of a panel of six fluorogenic cytochrome P450 (CYP) substrates as

計算機を用いて自動的に抽出

7-methoxy-4-methylcoumarin (AMMC), 7-benzyloxy-4-(trifluoromethyl)-coumarin, 7-benzyloxyquinoline, 3-cyano-7-ethoxycoumarin, 7-methoxy-4-(trifluoromethyl)-coumarin, and 7-ethoxy-4-trifluoromethyl-coumarin by microsomes from adult male rat liver were characterized, their sensitivities to 15 putative inhibitors were determined and compared to similar experiments using nine different complementary DNA (cDNA)-expressed rat CYPs. Inhibitory profiles of the substrates in microsomes were different from each other, with some overlap, suggesting that each substrate is to some extent specific for one or more CYPs. CYP2A1 was selective for AMMC and clotrimazole were nonselective for all substrates except AMMC. CYP2E1 was insensitive to

complementary DNA - cDNA

約2500万件

reactive oxygen species
ROS

high-performance liquid
chromatography
HPLC

superoxide dismutase
SOD

⋮



MEDLINEに含まれる全文献情報を対象に抽出

約1560万ペア

(unique: 280万)

- 日本語訳があれば提示
reactive oxygen species / 活性酸素種, 反応性酸素生成物
- よく使われる分野を提示、絞り込みも可能
Biochemistry / 生化学, 生物化学
- 出現文献情報を提示
ROS - (1980) Evidence for both oxygen and non-oxygen dependent mechanisms of antibody sensitized target cell lysis by human monocytes.
- 同じ文献で使われている他の略語 (共起略語) も提示
ROS -SOD, NO, NAC, ...

ペア出現頻度の経年変化

Allie A Search Service for Abbreviation / Long Form

■ 略語／展開語 : iPS / induced pluripotent stem

[関連PubMed/MEDLINE情報]
合計出現文献数: 1192

文獻数
2009
NumberOfPapers: 146

[表示件数]
 100 件 (発表年降順)
 100 件 (発表年昇順)
[>> 全件](#)

[1ページの表示件数]
20

ページ移動
◀ ▶ ▷
1 / 5 ページ

略語: RDF icon iPS ([>> 共起略語](#))
展開形: RDF icon induced pluripotent stem
[DBpediaへのリンク](#)

■ 略語バリエーション
■ 展開形バリエーション
■ ペア(略語／展開形)バリエーション

No.	発表年	題目	共起略語
1	2015	A facile method to establish human induced pluripotent stem cells from adult blood cells under feeder-free and xeno-free culture conditions: a clinically compliant approach.	MNCs
2	2015	Cardiomyocyte-specific role of miR-24 in promoting cell survival.	MI, miR-24
3	2015	Cell metabolism under microenvironmental low oxygen tension levels in stemness, proliferation and pluripotency.	HIFs, HRE, VEGF
4	2015	Characterization of mesenchymal progenitor cells in the crown and root pulp of primary teeth.	MSCs
5	2015	Collagen complexes increase the efficiency of iPS cells generated using fibroblasts from adult mice.	—
6	2015	Concise Review: Are Stimulated Somatic Cells Truly Reprogrammed into an ES/iPS-Like Pluripotent State? Better Understanding by Ischemia-Induced Multipotent Stem Cells in a Mouse Model of Cerebral Infarction.	ES, NSCs, PS
7	2015	Continuous non-cell autonomous reprogramming to generate retinal ganglion cells for glaucomatous neuropathy.	RGCs
8	2015	Deriving retinal pigment epithelium (RPE) from induced pluripotent stem (iPS) cells by different sizes of embryoid bodies.	EBs, FACS, RPE, RT-PCR
9	2015	Early intervention for spinal cord injury with human induced pluripotent stem cells oligodendrocyte progenitors.	IPS-OPs, OPs, SCI

発展的な利用

- ftpでデータベースのダウンロードが無料で可能
 - 毎週更新
- APIにより利用者の開発したプログラムから検索可能
 - SOAP / REST / SPARQL
 - <http://data.allie.dbcls.jp/>

AllieデータベースへのSPARQL検索結果例

研究分野がVirologyである文献中に出現する略語

頻度	略語	展開形	展開形の対訳
14629	HIV-1	human immunodeficiency virus type 1	ヒト免疫不全ウイルス1型
14186	EBV	Epstein-Barr virus	((略)) EBウイルス, (DNA腫瘍ウイルス) エプスタイン・バーウイルス, Epstein-Barrウイルス
6371	HSV	herpes simplex virus	単純ヘルペスウイルス, 単純疱疹ウイルス
6356	RT	reverse transcriptase	逆転写酵素
5579	HSV-1	herpes simplex virus type 1	単純ヘルペスウイルス1型
4581	HA	hemagglutinin	ヘマグルチニン, 血球凝集素, 赤血球凝集素
4176	ORFs	open reading frames	(DNA上でタンパク質をコードする範囲) 翻訳領域, オープンリーディングフレーム, 読み取り枠, 読み枠
4108	HCMV	human cytomegalovirus	ヒトサイトメガロウイルス
3290	VZV	varicella-zoster virus	水痘・帯状疱疹ウイルス, 水痘帯状疱疹ウイルス
2798	LTR	long terminal repeat	末端反復配列

Allie: 略語／展開形検索

Allie A Search Service for Abbreviation / Long Form

■ 略語／展開形の検索

[検索語] (略語、展開形、もしくはそれらの一部)

[検索]

[リセット]

[ヘルプ] [略語一覧]

"SPF"で試す 検索オプション

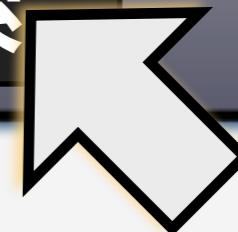
Allieとは?

Allie(アリー)は生命科学分野において利用されている略語とその展開形を検索するサービスです。文献中に多く出現する略語は多義語であることが多い。

http://allie.dbcls.jp/

略語のアリー

検索



Allieの使い方を動画で解説しています。[こちら](#)をご覧ください。

新着情報ブログ

データを更新した際に追加された略語などについての情報を[こちら](#)にアップしています。

関連文献

Allieの詳細については下記の文献を参照してください。:

Y. Yamamoto, A. Yamaguchi, H. Bono and T. Takagi, "Allie: a database and a search service of abbreviations and long forms.", Database, 2011:bar03.

[PubMed Entry](#) | [Full text paper available](#)

また、AllieはALICEという、MEDLINEデータから略語とその展開形の組を抽出するツールを利用しています。詳細は下記の文献を参照してください。:

H. Ao and T. Takagi, "ALICE: an algorithm to extract abbreviations from MEDLINE.", J Am Med Inform Assoc., 2005 Sep-Oct;12(5):576-86.

[PubMed Entry](#) | [Full text paper available](#)

更新

最終更新日: 2011年7月11日 (一ヶ月毎の更新)

動画チュートリアル(統合TV)

[IE8][DBCLS][文献検索][辞書] Allieを使って略語の正式名称を検索する2010.8.31

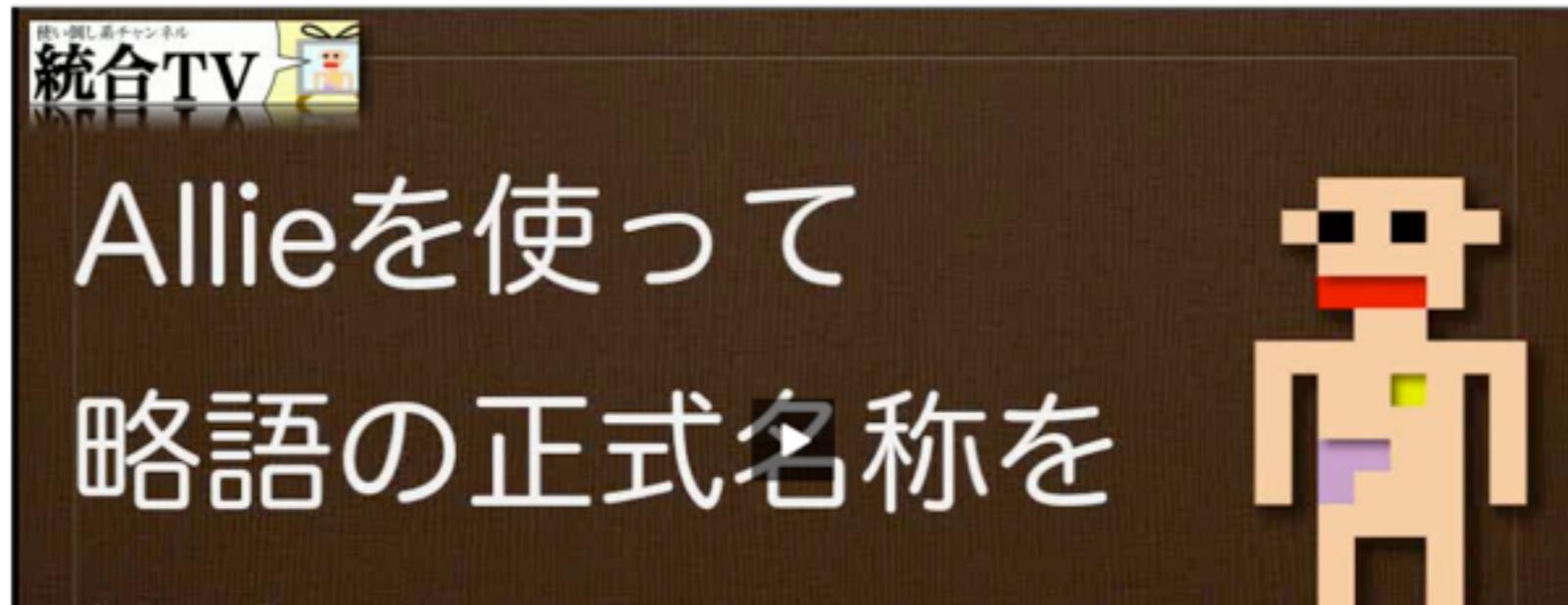
Allie（「アリー」と発音します）は、ライフサイエンス統合データベースセンター(DBCLS)が提供する医学生物系論文書誌情報データベース MEDLINEを対象とし、出現する略語（略字）とその正式名称のペアを検索するシステムです。

生命科学系の論文では非常に多くの略語が使われており、同じ表記でも全く違う意味を示していることが少なくありません。Allieでは、利用者の興味のある略語を検索語として入力することで、その使われ方をMEDLINE中によく現れる順で一覧表示すると共に、その略語が使われた論文の発表年を提示しています。また、検索された各略語について、その意味で使われている論文中で共起する他の略語も同時に検索されることが特徴です。

2009年版と比べると、略語一覧の検索機能が強化されています。また、2009年当時よりもiPS細胞の検索順位が上がっている点も興味深いでしょう。

画像をクリックすると動画が再生されます。

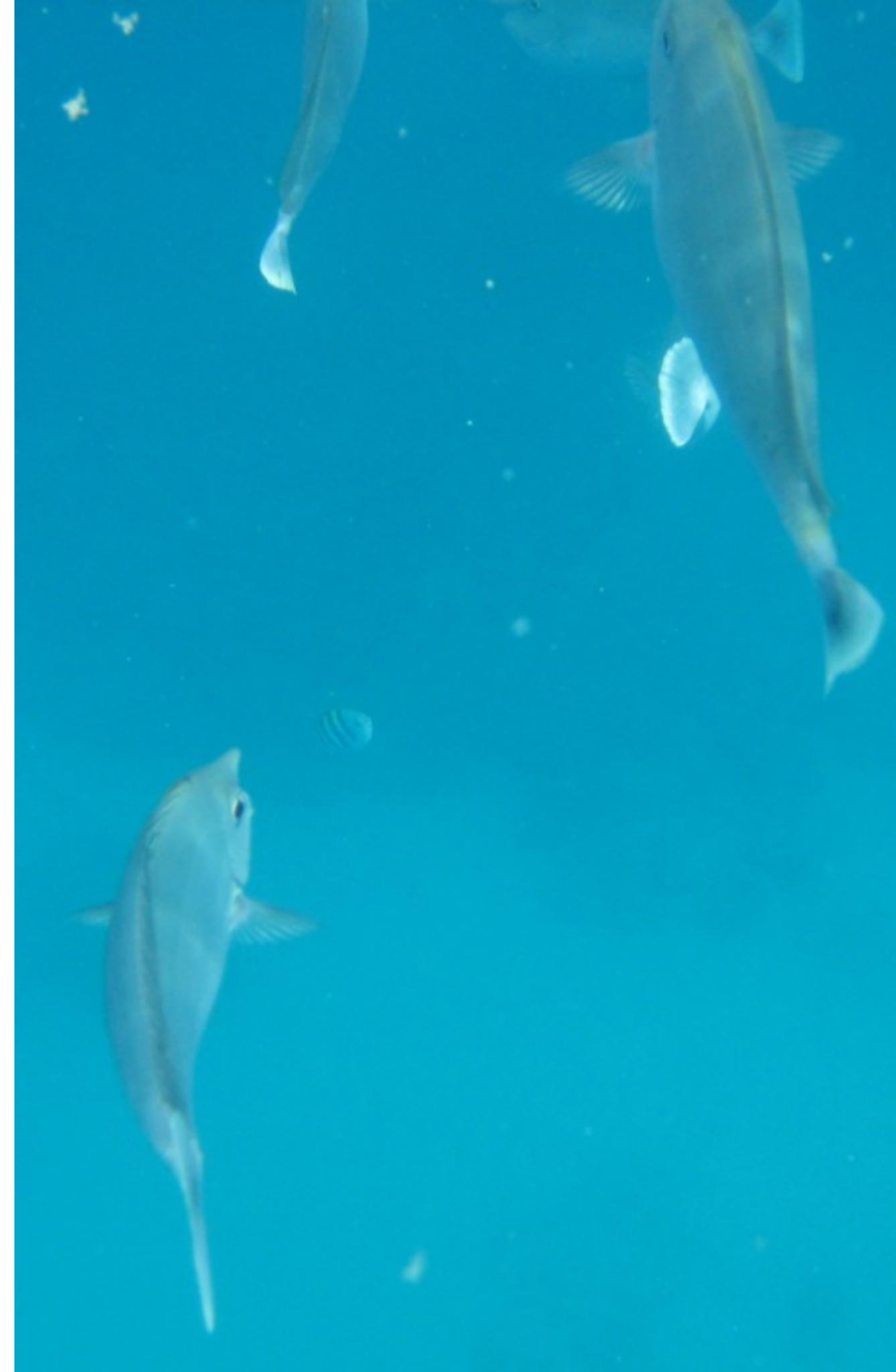
Follow me



<http://togotv.dbcls.jp/20100831.html#p01>

実習

- 略語MERSの展開形を検索
- 共起略語をみて、MERSよりも MERS-CoVとして使われている 文献が多いことを確認する
- 目的の展開形について、詳細情報として実際に利用されている 表現や文献リストを確認する



inMeXes (インメクセズ)

文献中に書かれている英語表現を検索



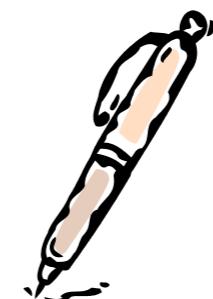
<http://docman.dbcls.jp/im/>

英作文をしていると出くわす悩み

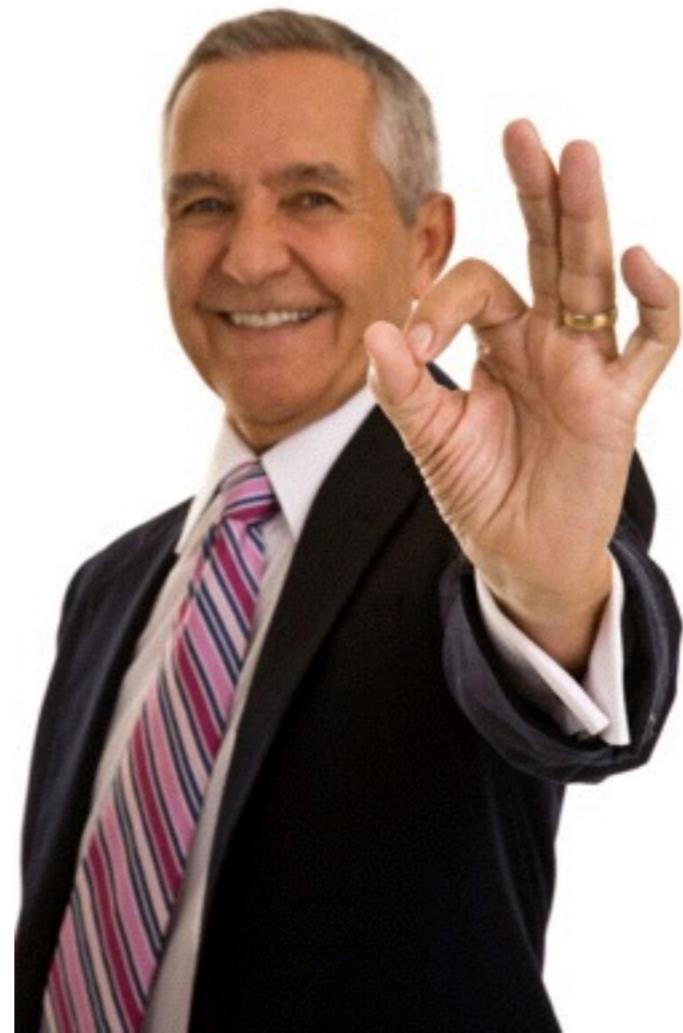


- is associated に続く前置詞は何だったっけ?
- リン酸化に対応する英単語、phosの続きはどう綴ったかな?
- associated with を修飾する副詞、文献でよく使われているものは何だろう?
- thermodynamic parameters には the が付くことが多い?
付いている場合の実際の文章は?

is associated ...



inMeXes にお任せください!



inMeXes

- 高速

MEDLINEに含まれる全ての題目、要旨中の表現を高速に検索

- 軽快

4文字以上入力すると、キーを叩く毎に検索結果を表示

- 便利

結果は頻度順、気になる表現をクリックすると関連情報を表示

やや高度な使い方: 正規表現フィルタ

- 例: was _ correlated withの_にはどのような表現があるかを知りたい

correlated with
で終わる 表現を検索。 フィルタを表示

正規表現フィルタ(?): ^was にマッチする表現のみ に絞る フィルタのクリア 正規表現について

例: was _ correlated withの_にはどのような表現があるかを知りたい場合、最初の検索ボックスにcorrelated withを入力し、「で終わる」表現を検索とします。そして正規表現フィルタで^wasと入力し(wasの次に半角スペース)、「に絞る」を指定します。(結果)

最大結果表示件数: 20 , 検索結果のリンク先: LSD共起リスト , Permalink(?)

35290	was correlated with Neoplasms / Neurology / Medicine
13972	was significantly correlated with Neoplasms / Neurology / Medicine
13806	was positively correlated with Medicine / Neurology / Neoplasms
7633	was negatively correlated with Neurology / Medicine / Endocrinology
6834	was not correlated with Neoplasms / Neurology / Medicine
5096	was inversely correlated with Neoplasms / Medicine / Endocrinology
3237	was highly correlated with Neurology / Physiology / Neoplasms
2616	was strongly correlated with Neoplasms / Neurology / Physiology
1574	was closely correlated with Neoplasms / Biochemistry / Physiology
1424	was well correlated with Neoplasms / Biochemistry / Pharmacology
1374	was not significantly correlated with Neoplasms / Neurology / Psychiatry
1328	was also correlated with Neoplasms / Neurology / Medicine
1082	was directly correlated with Neoplasms / Biochemistry / Medicine
698	was found to be correlated with Neoplasms / Biochemistry / Neurology
558	was significantly positively correlated with Environmental Health / Psychiatry / Neurology
442	was linearly correlated with Physiology / Pharmacology / Biochemistry
413	was significantly negatively correlated with Environmental Health / Neurology / Psychiatry
401	was also significantly correlated with Neoplasms / Neurology / Physiology
338	was moderately correlated with Psychiatry / Neurology / Pediatrics
336	was also positively correlated with Neoplasms / Endocrinology / Neurology

発展的な利用

- API (JSONP) による検索が可能
 - ご自身のブログやホームページに検索サービスを埋め込みます
 - API Keyなどの認証は不要

Incremental PubMed/MEDLINE Expression Search: inMeXes (インメクセズ)

http://docman.dbcls.jp/im/

Allie API仕様 | English

逐次PubMed/MEDLINE表現検索 inMeXes

4文字以上入力すると検索が始まります。
(大文字小文字は区別されます。ハイphenとスラッシュは結果に空白として表示されます。入力された情報は暗号化されて送信されます。)

inMeXesとは?

is associated を含む 表現を検索。 フィルタを表示
最大結果表示件数: 20 検索結果のリンク先: LSD共起リスト Permalink(?)

<http://docman.dbcls.jp/im/>

インメクセズ

検索

3297 is associated with reduced
3274 is associated with significant
3181 is associated with high
2863 is associated with decreased
2793 is associated with an increase
2673 and is associated with a
2672 gene is associated with

Cardiology / Vascular Diseases / Endocrinology
General Surgery / Cardiology / Medicine
General Surgery / Medicine / Cardiology
Cardiology / Neoplasms / Endocrinology
Physiology / Biochemistry / Cardiology
General Surgery / Cardiology / Neoplasms
Genetics, Medical / Molecular Biology / Neoplasms

inMeXes はDBCLSにより提供されています。ご利用に際してサイトポリシーをご覧下さい。
『英辞郎 on the WEB』とは、EDP制作の英和・和英データベース（英辞郎）をウェブブラウザ経由で利用できるサービスです。
※「英辞郎」は道端早知子氏の登録商標です。
ご意見等ございましたらこちらまでお寄せください。support AT dbcls.rois.ac.jp



動画チュートリアル(統合TV)

☞ [DBCLS][winxp][Firefox][文献検索][辞書] inMeXesを使い倒す

今回の統合TVでは、DBCLSが提供する、文献中の英語表現を軽快に検索するサービスinMeXesを紹介します。

PubMed/MEDLINEに含まれる書誌情報のタイトルやアブストラクトに10回以上出現する2語以上から成る英語表現を入力のたびごとに即座に候補を検索します。結果はPubMed/MEDLINE中の出現頻度と共に表示され、ある動詞の後に続く適切な前置詞を検索したり、ある単語の前後にどういう語がくることが多いなどを検索することができます。

画像をクリックするとFlash版のムービーが再生されます。

Flashよりも高画質なQuickTimeムービー版はこちらをご覧下さい。

YouTube版はこちらです。

ここを押すと動画のスーパーが読みます。

ここで抽出された書誌のデータが表示されます。

YouTube版はこちで見ます。

Flash版はこちで見ます。



Follow me

<http://togotv.dbcls.jp/20091216.html#p01>

実習

- contributeと入力して続く前置詞を確認する
- informationと入力して下記の表現の利用頻度を見る
 - information of
 - information on
 - information about
- 以上の表現について、実際の文章を確認する



Colil (コリル)

文献の引用情報を検索

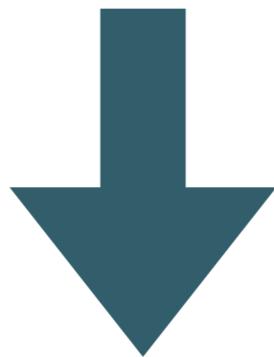
<http://colil.dbcls.jp/>



ライフサイエンス統合データベースセンター

ある文献に関する第三者からの視点

- ・ある文献について、当該文献の著者ではない研究者による評価はどうだろう？
- ・ある文献について、共によく引用されている文献はあるだろうか？
- ・引用する文献について、文中で引用するさいの適切な記述例はないだろうか？



Collがお答えします

Colil (Comments on literature in literature)

- 特定の論文について、その引用記述を検索します
- 特定の論文について、他の論文から共に引用されている論文を表示します
(共引用情報)
- 対象はPMIDが付けられているPMC OA (Open Access)サブセットです
(約74万件、PubMed全体の3%強)
- 現バージョンは2015年2月時点取得時のものです
- 約618万件のPMID付き文献がPMC OAサブセットから引用されています
(PubMed全体の1/4強)

PubMed ID or PubMed検索語を入力

Coll by DBCLS (Last Index Update: Feb. 2. 2015) Help Coll Data Portal

Identify a target paper
You can input a PubMed ID directly or via a PubMed search.

Input a PubMed ID
PubMed ID here
Try : 10592235

OR

Input keywords
You can use search options such as publication year / a journal / conditions in...
apoptosis 1995:2000[dp] "J Biol Chem"[jour]

Keywords here
Try : IPS 2006:2008[dp] "Cell"[jour]

Then, hit the enter key.

① PubMed ID
もしくは
② PubMed検索語

Author and Comments What do other papers say about a paper?

Bhat TN, Weissig H, Shindyalov IN, Bourne PE Nucleic Acids Res. 2000 Jan 1;28(1):235-42. PMID:10592235

Sort by pmid Show query

Relevant Papers Show query

380 Gapped BLAST and PSI-BLAST: a new generation of protein database search programs. PubMed

213 SCOP: a structural classification of proteins database for the investigation of sequences and structures. PubMed

195 Dictionary of protein secondary structure: pattern recognition of hydrogen-bonded and geometrical features. PubMed

11423010 Survey of human mitochondrial diseases using new genomic/proteomic tools. PubMed

11423010 results sapiens) - a close homolog to PDHA1 (Z-score 73.2). The structure comes from the Protein Data Bank [49]; code: 1DTWA. PubMed

11574057 Reassignment of specificities of two cap methyltransferase domains in the reovirus lambda 2 protein. PubMed

11929612 RNA:(guanine-N2) methyltransferases RsmC/RsmD and their homologs revisited--bioinformatic analysis and prediction of the active site based on the uncharacterized Mj0882 protein structure. PubMed

(cc) BY ライフサイエンス統合データベースセンター

発展的な使い方

- ftpでデータベースのダウンロードが無料で可能
- APIにより利用者の開発したプログラムから検索可能
 - REST / SPARQL
 - <http://colil.dbcls.jp/>

SPARQLクエリ例

Query of Authors' Comment

X

```
prefix colil: <http://purl.jp/bio/10/colil/ontology/201303#>
prefix bibo: <http://purl.org/ontology/bibo/>
prefix dc: <http://purl.org/dc/elements/1.1/>
prefix doco: <http://purl.org/spar/doco/>
prefix togows: <http://togows.dbcls.jp/ontology.ncbi-pubmed#>
prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>
prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
select ?pmid ?title ?section ?pmcid ?comment where {
    ?context colil:mentions <http://purl.jp/bio/10/colil/id/10592235>;
        rdf:value ?comment.
    ?secnode doco:contains ?context;
        dc:title ?section.
    ?from doco:contains ?secnode;
        rdfs:seeAlso ?pmuri.
    ?pmuri rdf:type colil:PubMed;
        togows:ti ?title;
        togows:pmid ?pmid.
    optional {?from colil:pmcid ?pmcid.}
}
order by ASC(?pmid)
offset 0
limit 20
```

Identify a target paper

You can input a PubMed ID directly or via a PubMed search.

Input a PubMed ID

PubMed ID here

Try : 10592235

OR

Input keywords

You can use search options such as

Authors' Comment

 What do other papers say about a paper?

The Protein Data Bank.

Berman HM, Westbrook J, Feng Z, Gilliland G, Bhat TN, Weissig H, Shindyalov IN, Bourne PE Nucleic Acids Res. 2000 Jan 1;28(1):235-42. PMID:10592235

← Previous

Total: 2386, 20

▼

per page, Page: 1

Next →

Sort by pmid

http://colil.dbcls.jp/

colil

検索



Relevant Papers

Show query

380 [Gapped BLAST and PSI-BLAST: a new generation of protein database search programs](#). PubMed

213 [SCOP: a structural classification of proteins database for the investigation of sequences and structures](#). PubMed

195 [Dictionary of protein secondary structure: pattern recognition of](#)

11423010 [Survey of human mitochondrial diseases using new genomic/proteomic tools](#)

PubMed

PMC

materials and methods

We routinely search the RCSB Protein Data Bank [49], for potential structural homologs. Profile matches with Z-scores above 10 are retained and used to align the profile-matched region to a structural domain.

11574057 [Reassignment of specificities of two cap methyltransferase domains in the reovirus lambda 2 protein.](#)

PubMed

PMC

results and discussion

Nonetheless, VAST [15] searches of the Protein Data Bank [16] revealed high similarity of both putative MTase domains to numerous known MTase structures.

11929612 [RNA:\(guanine-N2\) methyltransferases RsmC/RsmD and their homologs revisited--bioinformatic analysis and prediction of the active site based on the uncharacterized Mj0882 protein structure.](#)

PubMed

PMC

methods

Comparison of atomic coordinates with the protein structures from the Protein Data Bank [20] were carried out using VAST [21] and DALI [53]. SWISS-PDB VIEWER [54] was used for all protein structure manipulation,

動画チュートリアル(統合TV)

[文献検索][DBCLS] Colilを使って論文の引用情報を検索する

Colilは、生命科学分野の文献間の引用関係を検索・閲覧できるサービスです。ある論文について、他の論文が本文中でどのように引用し記述しているかを、効率的に調べることができます。

検索例やデータの詳細については、[Colil Data Portal](#)にまとめられています。

※動画にはBGM音声が付与されていますので、閲覧の際にはご注意ください。

[YouTube版はこちらです。](#)



TOGO TV
COLLECTOR

Colilを使って
論文の引用情報を検索する

150205版

DBCLS
Database Center
for Life Science

Generated by CAMTASIA STUDIO 7

<http://togotv.dbcls.jp/20150207.html#p01>

実習

- PDBの文献(PMID: 10592235)に対し、他の文献中でどのように触れられているのか概観する。
- 関連文献にはどのような研究課題があるのかを確認する。
- EMBL-EBIのバイオインフォ解析ツールに関する文献(PMID: 20439314)についてはどうか。

