



論文検索

Database Searching

PubMed

1

この章では、論文検索について、文献データベース PubMed と Scopus の検索方法を説明します。
まずは、PubMed から。

This chapter describes how to search literatures and obtain full text articles.
Here we will introduce the literature databases — PubMed and Scopus.
Let's start with PubMed.

PubMed とは *What is PubMed?*



- 米国国立医学図書館が作成して、インターネット上で無料公開されている、世界の主要な**医学雑誌に掲載された学術論文を調べることができるデータベース**

PubMed is the U.S. National Library of Medicine's search system for health information. It is available free on the Internet.

- **4,000万件以上の文献データを収録**

PubMed comprises more than 40 million citations for biomedical literature from MEDLINE, life science journals, and online books.

- 文献データには**フルテキストへのリンク**がある

Citations may include links to full-text content from PMC (PubMed Central) and publisher web sites.

PubMed のデータ PubMed Content



MEDLINE

1946年から現在までの世界中の
5,200誌以上の文献データを収録

Time coverage: generally 1946 to the present
Source: currently, citations from over 5,200
worldwide journals

+

MEDLINE収録前の最新データ

In-process citations that have not yet been indexed for MEDLINE

MEDLINE収録対象外データ(PMC, Bookshelfのデータ)

Citations never become MEDLINE records because they are out-of-scope
from certain MEDLINE journals (Data from PMC and NCBI Bookshelf)

3

MEDLINE(メドライン)とは、PubMed のおもな構成要素となる医学・生命科学文献データベースです。

MEDLINE は商用データベースとして提供されており、滋賀医科大学では Ovid MEDLINE で利用できます。

MEDLINE, a biomedical and life sciences literature database provided by the U.S. National Library of Medicine (NLM), is the largest component of PubMed. Ovid MEDLINE is available at Shiga University of Medical Science.

参考) https://www.nlm.nih.gov/medline/medline_overview.html

PubMed へのアクセス Access to PubMed



- 附属図書館Webサイト上の **PubMed 滋賀医大専用入口** から利用しましょう

PubMed滋賀医大専用入口 / PubMed SUMS Library Special Link
<https://pubmed.ncbi.nlm.nih.gov/?otool=ijpsumlib>

この専用入口からアクセスすることにより、図書館が提供している電子ジャーナル本文リンクへのアクセスや様々なサービスが利用できる

4

PubMed を利用するには、附属図書館トップページ「PubMed(滋賀医大専用入口)」からアクセスしてください。

この入口を通ることで、このあとご紹介する「滋賀医科大学くるくる Linker」が利用できます。

■ 附属図書館トップページ / SUMS library website

<https://www.shiga-med.ac.jp/library/> (jpn)

https://www.shiga-med.ac.jp/library/index_e (eng)

■ PubMed(滋賀医大専用入口) / "PubMed @SUMS"

<https://pubmed.ncbi.nlm.nih.gov/?otool=ijpsumlib>

To access PubMed, please use the "PubMed @SUMS" link on the SUMS Library website. By using this link, the "clecleLinker" icon will be displayed on the PubMed search results.

自宅で使う場合

When You Use Library E-resource at Home



- 自宅など学外から電子ジャーナルやデータベースを利用→**VPN接続**が必要
When you search E-Journals and Databases off-campus, connect to the VPN in advance.



FortiClient VPN

スマホ・タブレット・PCなどに上記アプリをインストール・設定

You need to setup FortiClient VPN app for your own device.



[設定マニュアル等]
Setup Manual

MMC TOPページ
> VPNサービス

See Multi Media Center Website

5

学外から電子ジャーナルやデータベースを利用する場合、VPNをご自分のPCやスマホ・タブレットなどに設定してください。

FortiClient VPNというアプリを事前に設定し、接続します。

設定マニュアルはマルチメディアセンターのWebサイトから「VPNサービス」をご覧ください。

When you search E-Journals and Databases off-campus, connect to the VPN in advance.

You need to setup FortiClient VPN app.

See the Multi Media Center Website for more detail.

■ マルチメディアセンターWebサイト

<https://www.shiga-med.ac.jp/mmc/>

■ VPNサービス

<https://www.shiga-med.ac.jp/mmc/service/vpn/index.html>



PubMed 検索トップページ

PubMed Searching

The screenshot shows the PubMed homepage with the following elements:

- NIH National Library of Medicine** logo and text.
- PubMed®** logo.
- A search box with a red border and a green **Search** button.
- A light blue callout box pointing to the search box with the text: **画面上部のサーチボックスに検索語を入力する** (Enter search terms in the search box at the top of the page) and *To search PubMed, enter the terms in the search box*.
- Text below the search box: "PubMed® comprises more than 37 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."
- A light blue callout box pointing to the bottom section with the text: **検索マニュアルや各種ツールへのリンク** (Links to the search manual and various tools) and *Links to the search manual and various tools*.
- A bottom section with four columns of links, each with an icon and a red border:

Learn	Find	Download	Explore
About PubMed FAQs & User Guide Finding Full Text	Advanced Search Clinical Queries Single Citation Matcher	E-utilities API FTP Batch Citation Matcher	MeSH Database Journals

6

PubMed のトップページが表示されました。

- 画面上部のサーチボックスに検索語を入力して、検索を行います。
- 画面下部には、検索マニュアルや各種ツールへのリンクがあります。

This is the PubMed top page.

- Enter the terms in the search box at the top of the page to search PubMed.
- Links to search manuals and various tools are available down below the page.

検索のルール(1) Search Rules



- 複数の検索語がある場合 *Plural search terms*
 - * スペースで区切って入力 *Separate each word with a space*
ex.) seasonal allergic rhinitis
- 著者名で検索する場合 *Search by Author*
 - * ラストネームはフルで、ファーストネームとミドルネームはイニシャルで入力 *Enter the author's last name plus initials*
ex.) ashihara t / smith ja
 - * 2002年以降出版の文献は、フルネームで検索可能
Full author name for articles published from 2002 forward is available
ex.) ashihara takashi
- 雑誌名で検索する場合 *Search by Journal Title*
 - * 完全な雑誌名でも、略誌名でも検索可能
Full titles or title abbreviations
ex.) new england journal of medicine
n engl j med

7

複数の検索語がある場合、**seasonal allergic rhinitis** のようにスペースで区切って入力します。このとき自動用語マッピング機能によりフレーズとしても検索されますが、入力した語によっては認識されません。

確実にフレーズとして検索したい場合は、検索語を "**seasonal allergic rhinitis**" のようにダブルクォーテーションで囲みます(→ 次ページ)。この場合、自動用語マッピング機能が働かないので注意が必要です。

When you search plural search terms, such as **seasonal allergic rhinitis**, they will also be searched as a phrase by the automatic term mapping.
If you want to search as a phrase for sure, enclose the term in double quotes such as "**seasonal allergic rhinitis**" (see next page). Note that the automatic term mapping function does not work in the phrase search.

検索のルール(2) *Search Rules*



- 前方一致検索 *Prefix Search*

- * 検索語の最後にアスタリスク(*)をつけると、語尾変化のある単語をまとめて検索 *Enter a word followed by an asterisk (*) to search for all terms that begin with the word*

- ex.) endocrin* → endocrine, endocrinology, endocrinopathy, ...など

- 熟語(フレーズ)の検索 *Search for a Phrase*

- * ダブルクォーテーションで囲む *Enclose the phrase in double quotes*

- ex.) "Kidney allograft"

- ストップワード *Stop Words*

- * ストップワードは検索対象外 *Stop words are ignored in the search*

- ex.) a, by, can, for, the, ...など

- 論理演算子(AND, OR, NOT) *Boolean Operators*

- * 演算子は大文字入力 *Enter Boolean operators in uppercase characters*

- ex.) vitamin c **AND** common cold
kidney cancer **OR** renal cancer

8

検索語の最後にアスタリスクをつけると、前方一致検索を行います。

*を付けた語や“”で囲んだ語については、自動用語マッピング機能は行われません。

[ex.) heart attack* → heart のみマッピングが行われ、MeSH 用語 Myocardial Infarction にはマッピングされない]

If you add an asterisk at the end of the search term, prefix search will be performed.

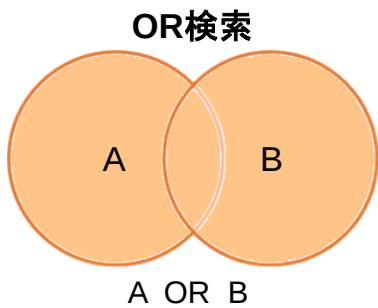
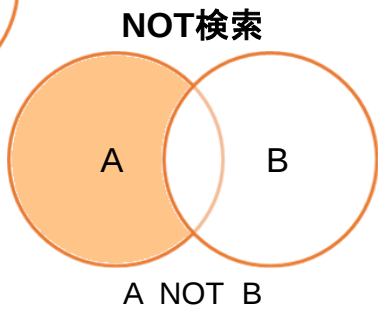
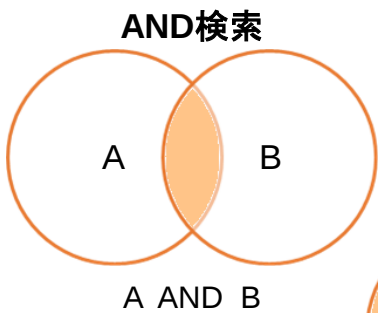
However, note that the prefix search and the phrase search turn off the automatic term mapping.

論理演算子(1) *Boolean Operator*



- 論理演算子とは？

データベースの検索において複数の検索語を掛け合わせるには、論理演算子を使用します。論理演算子には、AND(論理積)、OR(論理和)、NOT(論理差)の3種類があります。



What's Boolean operators?

The Boolean operators (AND, OR, NOT) can be used to combine search terms in the database searching.

論理演算子(2) *Boolean Operator*



- **AND検索** : 検索語Aの集合と検索語Bの集合の両方を含む文献を検索
 ex.) C型肝炎の薬物治療に関する文献
Literatures on drug therapy for hepatitis C
 → hepatitis c **AND** drug therapy
 - **OR検索** : 検索語Aの集合と検索語Bの集合のどちらかを含む文献を検索
 ex.) 慢性腎不全または尿毒症に関する文献
Literatures on chronic kidney failure or uremia
 → chronic kidney failure **OR** uremia
 - **NOT検索** : 検索語Aの集合のうち、検索語Bの集合を除いた文献を検索
 ex.) 高齢者以外での褥瘡に関する文献
Literatures on pressure ulcer excluding the aged
 → pressure ulcer **NOT** aged
- * NOT検索は、適切な検索結果まで除外される可能性があるので注意が必要です

10

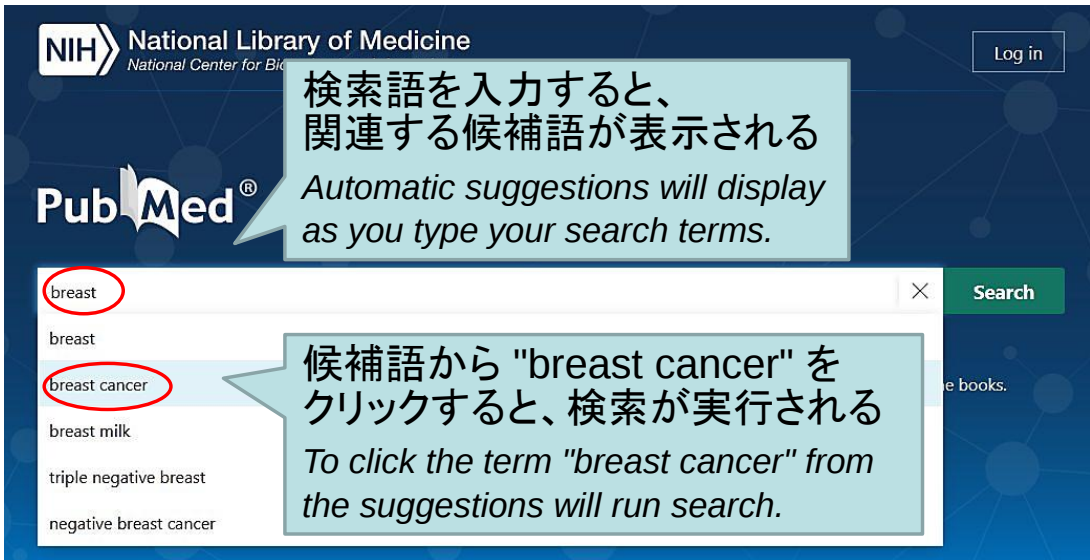
- Using **AND** : Search literatures containing both search term A and search term B
- Using **OR** : Search literatures containing either search term A or search term B
- Using **NOT** : Search literatures excluding the results of search term B from the results of search term A

* Use "NOT" with caution as good items can be eliminated from the results.

キーワード検索 *Keyword Search*



- サーチボックスに検索語を入力し、候補語（または [Search] ）をクリック
ex.) breast cancer



11

Enter search terms in the search box.

Automatic suggestions will display as you type your search terms.

To click the term from the suggestions will run search.

検索結果一覧 Search Results



PubMed®

breast cancer

×

Search

Advanced

Create alert

Create RSS

User Guide

Save

Email

Send to

Sort by: Best match

Display options

検索結果件数

548,245 results

Page 1 of 54,825

RESULTS BY YEAR

↶

↷

1789

2025

PUBLICATION DATE

1 year

5 years

10 years

Custom Range

TEXT AVAILABILITY

Full Text

☐

Breast cancer: Biology

1

Barzaman K, Karami J, Zarei

Cite

Int Immunopharmacol. 2020

PMID: 32361569

Review

Share

During the past recent years

heterogeneous disease in w

cells (BCSCs) are the main p

☐

Breast cancer: presen

2

Katsura C, Ogunmwonyi I, K

Cite

Br J Hosp Med (Lond). 2022

PMID: 35243878

Free article

Review

Share

Breast cancer is the most common global malignancy and the leading cause of **cancer** deaths. Despite

this, undergraduate and postgraduate exposure to **breast cancer** is limited, impacting on the ability of

clinicians to accurately recognise, assess ...

☐

Awareness and current knowledge of breast cancer.

デフォルトでは、文献データが
Summary形式、1ページ10件、
適合度順(Best match)に表示される
*PubMed search results are initially
displayed in a summary format, 10
items per page, and sorted by best
match order.*

The search results are 548,245. (Search date : May 9, 2025)

PubMed search results are initially displayed in a summary format, 10 items per page, and **sorted by best match order**.

検索結果の絞り込み① 検索語を追加 Refine Search Results



① 検索語を追加する Add more search terms

breast cancer **chemotherapy**

Advanced Create alert Create RSS

追加する検索語として、therapy(治療)、prevention(予防)、diagnosis(診断)、prognosis(予後)、etiology(病因)なども有効

152,004 results

☐ **Drug Combinations in Breast Cancer Therapy.**
1 Fisusi FA, Akala EO.
Cite Pharm Nanotechnol. 2019;7(1):3-23. doi: 10.2174/2211738507666190122111224.
PMID: 30666921 [Free PMC article.](#) [Review.](#)
Share **Breast cancer therapy** involves a multidisciplinary approach comprising surgery, radiotherapy, neoadjuvant and adjuvant **therapy**. Effective **therapy** of **breast cancer** requires maximum therapeutic efficacy, with minimal undesirable effe ...

☐ **Neoadjuvant Chemotherapy for Breast Cancer: Moving Beyond Pathological Complete Response in the Molecular Age.**
2 Provenzano E.
Cite Acta Med Acad. 2021 Apr;50(1):88-109. doi: 10.5644/ama2006-124.328.
Share PMID: 34075766 [Free article.](#) [Review.](#)

13

検索結果の件数が多いとき、検索語を追加してみましょう。
スペースを空けて検索語を追加することでAND検索となり、結果の件数が絞り込まれます。

When the number of search results is large, try adding search terms.
By adding search terms with spaces between them, you can perform an AND search and narrow down the number of results.

検索結果の絞り込み② フィールドを限定

Refine Search Results



② フィールドを限定する Use search field tags

breast cancer [tiab] タグを[]でくくる

Advanced Create alert Create RSS Search User Guide

■ おもなタグ Tags

- ・著者名 Author uemoto s [au]
- ・文献の種類 Publication Type review [pt]
- ・雑誌名 Journal j biol chem [ta]
- ・MeSH用語 MeSH Terms hypertension [mh]
- ・出版年 Publication Date 2024 [dp], 2020:2025 [dp]
- ・タイトルと抄録 Title/Abstract breast cancer [tiab]
- ・所属 Affiliation shiga university of medical science [ad]
- ・言語 Article Language english [la]

Advanced Search で指定することも可能

14

フィールドを限定するには、検索語の後ろにタグを [] で指定して、サーチボックスに入力します。

例えば、**breast cancer [tiab]** と入力すると、breast cancer がタイトルと抄録に含まれる文献を検索します。

You can search specific fields using search field tags. Tags must be enclosed in square brackets and follow the search term.

For example, if you enter **breast cancer [tiab]**, the search term breast cancer will be searched only in the title and abstract fields.

■ Search Field descriptions and tags (タグ一覧)

<https://pubmed.ncbi.nlm.nih.gov/help/#search-tags>

検索結果の絞り込み③ Filterを使う(1)

Refine Search Results



例:「最近5年間に英語で書かれたランダム化比較試験の文献」
Randomized controlled trials articles written in English, published in the last five years

Filter には、次のような項目があります。

- Publication date: 出版日付
- Text availability: 本文入手
- Article attribute: 関連データ
- Article type: 文献の種類
- Article Language: 言語
- Species: ヒト / 動物
- Sex: 性別
- Age: 年齢
- Other : その他

検索結果の絞り込み③ Filterを使う(2)

Refine Search Results



例:「最近5年間に英語で書かれたランダム化比較試験の文献」
Randomized controlled trials** articles written in **English**, published in the **last five years

Additional filters (1) -

ARTICLE LANGUAGE ⓘ

☒ English

☐ Spanish

See all article

SPECIES ⓘ

☐ Humans

☐ Other Animals

SEX ⓘ

☐ Female

☐ Male

AGE ⓘ

☐ Child: birth-18 years

☐ Adult: 19+ years

Filters

- ARTICLE TYPE: [Randomized Controlled Trial]
- PUBLICATION DATE: [5 years]
- ARTICLE LANGUAGE: [English]

チェック

1,468 results

Page 1 of 147

Filters applied: in the last 5 years, Randomized Controlled Trial, English. [Clear all](#)

☐ Abemaciclib Combined With Endocrine **Therapy** for the Adjuvant Treatment of HR+, HER2-, Node-Positive, High-Risk, Early **Breast Cancer** (monarchE).

1 Johnston SRD, Harbeck N, Hegg R, Toi M, Martin M, Shao ZM, Zhang QY, Martinez Rodriguez JL, Campone M, Hamilton E, Sohn J, Guarneri V, Okada M, Boyle F, Neven P, Cortés J, Huober J, Wardley A, Tolaney SM, Cicin I, Smith IC, Frenzel M, Headley D, Wei R, San Antonio B, Hulstijn M, Cox J.

Filter は解除するまで有効
Filters are applied until you turn them off

Filter を解除するには、以下のいずれかの操作を行ってください。

- それぞれのチェックをはずす
- Filter メニュー下の “Clear applied filters” をクリック
- 検索結果一覧上の Filters applied の “Clear all” をクリック

To turn off applied filters:

- Click an applied filter to turn it off.
- Click the “Clear applied filters” button below the filter menu.
- Click the “Clear all” link in the upper of the search result list.

検索結果の表示形式を変更

Display Options



- 画面上部 [Display options] から表示形式を変更

Save Email Send to

Display options

Display options

Format: 表示形式

Format Summary

Per page 10

Abstract snippets Show Hide

Per page: 1画面の表示件数

Show snippets: スニペット表示/非表示

MY CUSTOM FILTERS

RESULTS BY YEAR

2020-2025

PUBLICATION DATE

1 year 5 years 10 years

1,468 results

Filters applied: in the last 5 years, Randomized Controlled Trials

Abemaciclib (TAK-789) in combination with endocrine therapy in HR+, HER2- early breast cancer (EBC): a phase 3, open-label, randomised controlled trial

Cite Johnstone SJ, Campone M, Hamilton E, Sohn J, Guarnieri V, Okada M, Boyle F, Neven P, Cortés J, Konecny J, Huber J, Wardley A, Tolane SM, Cicin I, Smith IC, Frenzel M, Headley D, Wei R, San Antonio O'Shaughnessy J, Rastogi P; monarchE Committee Members and Investigators. J Clin Oncol. 2020 Dec 1;38(34):3987-3998. doi: 10.1200/JCO.20.02514. PMID: 32954927 Free PMC article. Clinical Trial.

PURPOSE: Many patients with HR+, HER2- early breast cancer (EBC) will not experience recurrence or have distant recurrence with currently available standard therapies. ...Abemaciclib is an oral, continuously dosed, CDK4/6 inhibitor approved for HR+, HER2- advanced ...

To retrieve more information about the search results, use "Display options" menu to change the view to the Abstract format.

17

表示された検索結果は、表示形式・表示順・表示件数を変更することができます。

You can change the display of your search results by Format and Per page.

Format : 表示形式 display format

- Summary (書誌情報のみ)
- Abstract (書誌情報 + 抄録)
- PubMed (タグ付き全データ)
- PMID (PMIDのみ)

※ Abstract 形式には「くるくる Linker」が表示されます

The "clecleLinker" icon will be shown in the Abstract format.

Per page : 1画面の表示件数 the number of items displayed per page

- 10, 20, 50, 100, 200 件から選択

Select the number of items to display per page: 10, 20, 50, 100, or 200.

検索結果の表示順を変更

Sort by



- 画面上部 [Sort by] で表示順を変更

Sort by: 表示順

Save Email Send to

Sort by: Best match

Display options

MY CUSTOM FILTERS

1,468 results

RESULTS BY YEAR

2020- 2025

PUBLICATION DATE

1 year 5 years 10 years

Filters applied: in the last 5 years, Randomized

Abemaciclib Combined With Endocrine Therapy for the Adjuvant Treatment of HR+, HER2-, Node-Positive, High-Risk, Early Breast Cancer (monarchE).

Johnston SRD, Harbeck N, Hegg R, Toi M, Martin M, Shao ZM, Zhang QY, Martinez Rodriguez JL, Campone M, Hamilton E, Sohn J, Guarneri V, Okada M, Boyle F, Neven P, Cortés J, Huober J, Wardley A, Tolaney SM, Cicin I, Smith IC, Frenzel M, Headley D, Wei R, San Antonio B, Hulstijn M, Cox J, O'Shaughnessy J, Rastogi P; monarchE Committee Members and Investigators. J Clin Oncol. 2020 Dec 1;38(34):3987-3998. doi: 10.1200/JCO.20.02514. Epub 2020 Sep 20. PMID: 32954927 Free PMC article. Clinical Trial.

PURPOSE: Many patients with HR+, HER2- early breast cancer (EBC) will not experience recurrence or have distant recurrence with currently available standard therapies. ...Abemaciclib is an oral, continuously dosed, CDK4/6 inhibitor approved for HR+, HER2- advanced ...

Sort by: Most recent

昇順・降順を選択可能
ascending / descending

表示された検索結果は、表示順を変更することができます。
You can change the search results order by “Sort by”.

Sort by : 表示順 sort order

- Best match (適合順)
- Most recent (新着順)
- Publication date (出版日付順)
- First author (第一著者名順)
- Journal (雑誌名順)

※ Best match 以外では、昇順・降順が選択できます

You can select ascending or descending order except for the Best match order.



表示形式の種類 ① *Format 1 : Summary*

Summary形式

文献タイトルが詳細表示へのリンクになっている
To view an Abstract format of the record, click on the title link

☐ [Controversy and boundary in the diagnose and treatment of thyroid **cancer**].
160 Hu QY, Yang LC, Huang T.
Cite Zhonghua Yi Xue Za Zhi. 2024 May 14;104(18):1566-1571. doi: 10.3760/
Share cma.j.cn112137-20240104-00029.
PMID: 38742342 Chinese. **本文言語**
In recent years, the incidence of thyroid **cancer** has rapidly increased, whereas the mortality rate has not
ngly. ...Additionally, it allows us to reevaluate which factors guarantee favorable efficacy

文献タイトル
本文が英語以外の場合
前後に [] がつく

PMID (PubMed番号)
これだけで検索可能

抄録の一部
(スニペット表示)

☐ The Impact of **Breast** Implant Cohesivity on Rippling and Revision Procedures in
161 2-Stage Prepectoral **Breast** Reconstruction.
Cite Parikh N, Gadiraju GK, Prospero M, Shen Y, Starr BF, Reiche E, Hyland CJ, Karinja SJ, Broyles JM.
Aesthet Surg J Open Forum. 2024 Apr 23;6:ojae028. doi: 10.1093/asjof/ojae028. eCollection 2024.
著者名
le.
Cite
指定した引用形式で文献情報をコピー
active cohort st
掲載誌名、出版年月、巻号、ページ、DOI
January 2020 and June 2022 at the Brigham and Women's Hospital and Dana-Farber **Cancer** Institute,

文献データについて

- タイトルに [] がついている文献は、本文言語が英語以外であることを示しています。この場合、Chinese のように言語についての記述があります。
- PMID (PubMed 番号) は、文献データに個別に付与された番号です。この番号を控えておくと、あとから検索することができます。

PubMed citation data

- The article title enclosed in square brackets [] indicates that the article is not in English. In this case, there is a description of the language, such as Chinese.
- PMID (PubMed Identifier) is a unique number assigned to each PubMed citation. You can search PubMed by PMID.

表示形式の種類 ② *Format 2 : Abstract*



Abstract形式 (一覧で表示)

Review > Adv Exp Med Biol. 2019;1152:51-64. doi: 10.1007/978-3-030-20301-6_4. Page 1

Breast Cancer: Current Perspectives on the Disease Status

Mohammad Fahad Ullah ¹

Affiliations + expand

PMID: 31456179 DOI: 10.1007/978-3-030-20301-6_4

Abstract

Breast cancer is the most frequently diagnosed cancer in women and ranks second among causes for cancer related death in women. Evidence in literature has shown that the past and ongoing research has an enormous implication in improving the clinical outcome in breast cancer. This has been attributed to the progress made in the realm of screening, diagnosis and therapeutic strategies engaged in breast cancer management. However, poor prognosis in TNBC and drug resistance presents major inhibitions which are also current challenges for containing the disease. Similarly, a focal point of concern is the rising rate of breast cancer incidence and mortality among the population of under developed world. In this chapter, an overview of the current practices for the diagnosis and treatment of breast cancer and associated impediments has been provided.

Keywords: Basal like; Breast carcinoma; Drug resistance; Endocrine therapy; Metastasis.

Cited by 75 articles

SUPPLEMENTARY INFO

Publication types, MeSH terms + expand

FULL TEXT LINKS

本文へのナビゲートリンク
The link icon navigating full text

20

Abstract 形式では、出版社アイコンや「滋賀医科大学くるくる Linker」が表示されます。

A publisher's icon link and "clecleLinker" will display on the Abstract format.

詳細表示 Abstract page



☐ 9

Use of anastrozole for **breast cancer** prevention (IBIS-II): long-term results of a randomised controlled trial.

Cite Cuzick J, Sestak I, Forbes JF, Dowsett M, Cawthorn S, Mansel RE, Loibl S, Bonanni B, Evans DG, Howell A; IBIS-II investigators.

Share Lancet. 2020 Jan 11;395(10218):117-122. doi: 10.1016/S0140-6736(19)32955-1. Epub 2019 Dec 12. PMID: 31839281 [Free PMC article](#). Clinical Trial.

BACKGROUND: Two large clinical trials have shown a reduced rate of **breast cancer** development in high-risk women in the initial 5 years of follow-up after use of aromatase inhibitors (MAP.3 and International **Breast Cancer** Intervention Study II [IBIS-II]) ...

タイトルをクリックして詳細を表示

Randomized Controlled Trial > Lancet. 2020 Jan 11;395(10218):117-122. doi: 10.1016/S0140-6736(19)32955-1. Epub 2019 Dec 12.

Use of anastrozole for breast cancer prevention (IBIS-II): long-term results of a randomised controlled trial

Jack Cuzick ¹, Ivana Sestak ², John F Forbes ³, Mitch Dowsett ⁴, Simon Cawthorn ⁵, Robert E Mansel ⁶, Sibylle Loibl ⁷, Bernardo Bonanni ⁸, D Gareth Evans ⁹, Anthony Howell ⁹, IBIS-II investigators

Affiliations + expand

PMID: 31839281 PMID: PMC6961114 DOI: 10.1016/S0140-6736(19)32955-1

[Free PMC article](#)

Erratum in

Department of Error.

[No authors listed]

Lancet. 2020 Feb 15;395(10223):496. doi: 10.1016/S0140-6736(20)30323-8. PMID: 32061297 [Free PMC article](#). No abstract available.

Department of Error.

[No authors listed]

Lancet. 2021 Feb 27;397(10276):796. doi: 10.1016/S0140-6736(21)00427-X. PMID: 33640066 [Free PMC article](#). No abstract available.

Abstract

FULL-TEXT LINKS

THE LANCET ONLINE JOURNAL

PMC Full text

AUTOMATED CITATION

ACTIONS

Cite

Favorites

SHARE

Twitter

Facebook

LinkedIn

PAGE NAVIGATION

Title & authors

Erratum in

Abstract

Figures

Comment in

詳細表示

ページ内の該当箇所へリンク
Page Navigation

タイトルをクリックしても、Abstract形式が表示されます。
Clicking on the title will also display the Abstract format.

詳細表示 *Abstract page*



Abstract

Background: Two large clinical trials have shown a reduced rate of breast cancer development in high-risk women in the initial 5 years of follow-up after use of aromatase inhibitors (MAP. International Breast Cancer Intervention Study II (IBIS-II)). Here, we report blinded long-term results for the IBIS-II trial, which compared anastrozole with placebo, with the objective of determining the efficacy of anastrozole for preventing breast cancer (both invasive and ductal carcinoma in situ) in the post-treatment period.

Methods: IBIS-II was a randomised, double-blind, placebo-controlled trial. Postmenopausal women with a history of breast cancer were randomly assigned to receive anastrozole or placebo for 5 years. After treatment, the incidence of breast cancer (both invasive and ductal carcinoma in situ) was compared between the two groups.

Findings: 38

Similar articles

Anastrozole for prevention of breast cancer in high-risk postmenopausal women: an international, double-blind, randomised placebo-controlled trial.
Cuzick J, Sestak I, Forbes JF, Dowsett M, Knox J, Cawthorn S, Saunders C, Roche B, Bonanni B, Palva T, Howell A; IBIS-II investigators.
Lancet. 2014 Mar 22;383(9922):1041-8. doi: 10.1016/S0140-6736(13)62292-8. Epub 2014 Feb 27. PMID: 24333009 Clinical Trial.

Anastrozole versus tamoxifen for the prevention of locoregional breast cancer in postmenopausal women with locally excised ductal carcinoma in situ (DCIS): a double-blind, randomised controlled trial.
Forbes JF, Sestak I, Howell A, Bonanni B, Bundred N, Levy C, von Minckwitz G, Fumagalli M, Holcombe C, Coleman RE, Jones L, Ellis I, Cuzick J; IBIS-II investigators.
Lancet. 2016 Feb 27;387(10021):866-73. doi: 10.1016/S0140-6736(15)01129-0. Epub 2016 Feb 27. PMID: 26686313 Free PMC article. Clinical Trial.

MeSH terms

- > Administration, Oral
- > Adult
- > Aged
- > Anastrozole / adverse effects
- > Anastrozole / therapeutic use*
- > Aromatase Inhibitors / therapeutic use*
- > Breast Neoplasms / drug therapy*
- > Breast Neoplasms / epidemiology
- > Breast Neoplasms / mortality
- > Breast Neoplasms / prevention & control*
- > Carcinoma, Ductal, Breast / drug therapy
- > Carcinoma, Ductal, Breast / pathology
- > Carcinoma, Intraductal, Noninfiltrating / drug therapy
- > Carcinoma, Intraductal, Noninfiltrating / pathology
- > Female
- > Follow-Up Studies
- > Humans
- > Incidence
- > Middle Aged
- > Placebos
- > Treatment Outcome
- > United Kingdom / epidemiology

ページ内の該当箇所
Page Navigation

★ 検索式の詳細 Search Details



- 検索式の詳細は、Advanced Search 画面の History and Search Details で確認することができます。

Details ➤ をクリックすると、検索式の詳細が表示される
Click "Details" to display the search query.

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#2	...	▼	Search: breast cancer chemotherapy ("breast neoplasms"[MeSH Terms] OR ("breast"[All Fields] AND "neoplasms"[All Fields]) OR "breast neoplasms"[All Fields] OR ("breast"[All Fields] AND "cancer"[All Fields]) OR "breast cancer"[All Fields]) AND ("chemotherapy s"[All Fields] OR "drug therapy"[MeSH Terms] OR ("drug"[All Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields] OR "chemotherapies"[All Fields] OR "drug therapy"[MeSH Subheading] OR "chemotherapy"[All Fields]) Translations breast cancer: "breast neoplasms"[MeSH Terms] OR ("breast"[All Fields] AND "neoplasms"[All Fields]) OR "breast neoplasms"[All Fields] OR ("breast"[All Fields] AND "cancer"[All Fields]) OR "breast cancer"[All Fields] chemotherapy: "chemotherapy's"[All Fields] OR "drug therapy"[MeSH Terms] OR ("drug"[All Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields] OR "chemotherapies"[All Fields] OR "drug therapy"[Subheading] OR "chemotherapy"[All Fields]	142,579	04:43:38

Advanced Searchについては後ほど詳しく

23

You can see the detailed search query at "History and Search Details" on the "Advanced Search" page.

* "Advanced search" will be mentioned later.

自動用語マッピング Automatic Term Mapping



PubMed の自動変換 (Automatic Term Mapping) に
より、検索語が自動的に統制語 (**MeSH**) 等に翻訳され、
より正確で網羅的に検索される仕組みになっている

MeSHについては
後ほど詳しく

Search: **breast cancer chemotherapy**

("breast neoplasms"[MeSH Terms] OR ("breast"[All Fields] AND
"neoplasms"[All Fields]) OR "breast neoplasms"[All Fields] OR ("breast"[All
Fields] AND "cancer"[All Fields]) OR "breast cancer"[All Fields]) AND
("chemotherapy s"[All Fields] OR "drug therapy"[MeSH Terms] OR ("drug"[All
Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields] OR
"chemotherapies"[All Fields] OR "drug therapy"[MeSH Subheading] OR
"chemotherapy"[All Fields])

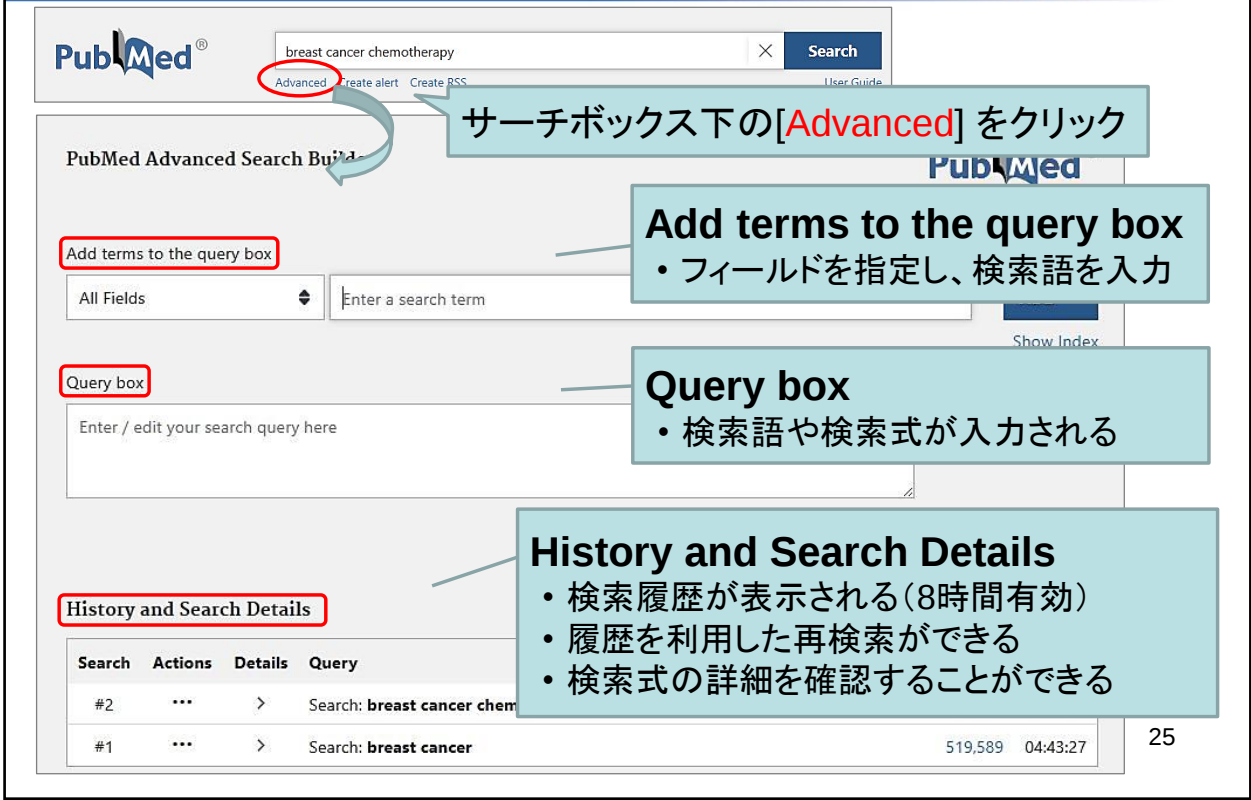
裏側で自動的にこれだけ
の処理がされている！

24

PubMed optimizes searches by Automatic Term Mapping. If a query includes a term that maps to a MeSH term, the term will be searched as the MeSH term as well as a text word.

More about
MeSH later

フィールド指定/履歴検索 *Advanced Search*



The screenshot shows the PubMed Advanced Search Builder interface. At the top, there is a search bar with the text "breast cancer chemotherapy" and a "Search" button. Below the search bar, there are links for "Advanced", "Create alert", and "Create RSS". The "Advanced" link is circled in red. A blue callout box points to it with the text "サーチボックス下の[Advanced] をクリック". Below the search bar, there is a section titled "PubMed Advanced Search Builder". Inside this section, there is a button labeled "Add terms to the query box" which is circled in red. A blue callout box points to it with the text "Add terms to the query box" and "・フィールドを指定し、検索語を入力". Below this button, there is a dropdown menu labeled "All Fields" and a text input field labeled "Enter a search term". Below the input field, there is a button labeled "Show Index". Below the input field, there is a section titled "Query box" which is circled in red. A blue callout box points to it with the text "Query box" and "・検索語や検索式が入力される". Below the "Query box", there is a section titled "History and Search Details" which is circled in red. A blue callout box points to it with the text "History and Search Details" and "・検索履歴が表示される(8時間有効)" and "・履歴を利用した再検索ができる" and "・検索式の詳細を確認することができる". Below the "History and Search Details" section, there is a table with the following data:

Search	Actions	Details	Query
#2	...	>	Search: breast cancer chem
#1	...	>	Search: breast cancer

At the bottom right of the table, there is a text "519,589 04:43:27" and a page number "25".

Advanced Search では、検索式を組み立てたり、これまでの検索履歴を使って新たに検索を行うことができます。Advanced Search へは、サーチボックス下の "Advanced" からアクセスします。

画面には PubMed Advanced Search Builder と表示されます。

- ・ Add terms to the query box : 検索語を入力し、下方の Query box に追加することで、検索式が作成されます。
- ・ Query box : 直接検索式を入力することもできます。
- ・ History and Search Details: これまでの検索履歴が表示されます。この履歴を用いて新たな検索式を作ることも可能です。

Advanced Search allows you to combine searches or perform a new search using the search history. You can access Advanced Search from the "Advanced" link below the search box.

- ・ Add terms to the query box : Select a search field from the drop-down menu and add search terms from the builder to the query box to construct your search.
- ・ Query box : You can also enter the search string directly in the query box.
- ・ History and Search Details: Your search histories are displayed. You can combine searches using search history in subsequent searches.

フィールド指定/履歴検索 *Advanced Search*



■ フィールド指定

例: タイトルまたは抄録に breast cancer が含まれる文献

The screenshot illustrates the steps to perform an advanced search. It shows a search interface with a dropdown menu for selecting the search field (set to 'Title/Abstract'), a text input for the search term ('breast cancer'), and buttons for 'ADD', 'Search', and 'Add to History'. A 'Query box' displays the constructed search string 'breast cancer[Title/Abstract]'. A 'History and Search Details' table at the bottom shows the search history.

① Add terms ... の検索項目を [Title/Abstract] にして、breast cancer と入力

② [ADD] をクリック → Query box に検索語が入力される

③ Query boxの [Add to History] をクリック

④ Historyに検索式と検索件数が表示される

自動マッピングは働きません

Search	Actions	Details	Query	Results	Time
#3	...	4	Search: breast cancer[Title/Abstract]	355,171	05:03:25
#2	...	>	Search: breast cancer chemotherapy	142,579	04:49:10

[Search] をクリックすると検索が実行され、検索結果画面が表示される

26

Example: Search articles that include breast cancer in the title or abstract.

- ① Set the search field to "Title/Abstract" and enter **breast cancer** in the search box.
- ② Click "ADD" to enter the search term in the Query box.
- ③ Click "Add to History" on the right side of the Query box.
- ④ The search string and the number of search results will be displayed in History.

* If you click "Search" instead of "Add to History", the search results page will be displayed.

! Auto-mapping doesn't work

フィールド指定/履歴検索 *Advanced Search*



■ 履歴検索

例:「breast malignant tumor」(Title/Abstractに限定)で検索し、Historyから「breast cancer または breast malignant tumor が Title または Abstract にあるもの」という検索式をつくる

Query box

3

(breast cancer[Title/Abstract]) OR (breast malignant tumor[Title/Abstract])

Search

Add to History

③ Query boxに検索式が入力されたら
[Search] または [Add to History] をクリック

History and Search Details

Search	Actions	Details	Query	Time
#4	2 ...	Search: breast malignant tumor[Title/Abstract]		05:10:30
#3	1 ...	Search: breast cancer[Title/Abstract]		05:03:25
#2	...	Search: breast cancer chemotherapy		04:49:10
#1	...	Search: breast cancer		04:43:27

① History #3のActions [...] をクリックし、[Add query] を選択
② 続いて #4のActions [...] をクリックし、[Add with OR] を選択

27

Example: Search 「breast malignant tumor」, then articles including either
breast cancer or
breast malignant tumor using History.

- ① Click Actions "... " at search number #3 and select "Add query" from the options.
- ② Click Actions "... " at #4 and select "Add with OR" from the options.
- ③ After the search query is added in the Query box, click the "Search" or "Add to History" button.

検索結果の印刷 *Printing*





- 検索結果を印刷する場合、ブラウザの印刷機能を使用する
- 印刷したい文献データのチェックボックスにチェックをいれ、Display options で表示形式を選択すると、チェックした文献のみが表示されて印刷できる

After checking the citations you want to print and select a Display format, print directly from the web browser.

検索結果の印刷は、ブラウザの印刷機能を使います。

To print search results, use the browser's print function.

検索結果の保存 *Downloading Results*



PubMed.gov

breast cancer

Search

Advanced Create alert Create RSS User Guide

Save Email Send to

Sorted by: Best match Display options

Save citations to file

Selection: All results on this page

Format: Summary (text)

Create file Cancel

MY NCBI FILTERS

RESULTS BY YEAR

1789

検索結果をテキストファイルとして保存する場合

① [Save] をクリック

② [Selection] と [Format] を選択

③ [Create File] をクリック

* EndNote に取り込む場合は、Format "PubMed" を選択

29

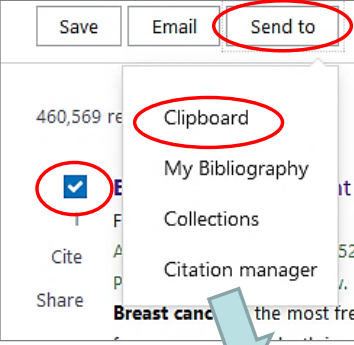
Selection

- All results on this page
- All results → 10,000 件まで up to 10,000 citations
- Selection → 検索結果にチェックをつけた文献のみ
selected citations from the search results

Format

- Summary (text)
- PubMed
- PMID
- Abstract (text)
- CSV

クリップボードに保存(1) Clipboard



検索結果を一時的に保管する場合

- ① 保存する文献データをチェック
- ② [Send to] をクリックし、Clipboard を選択

* クリップボードには、500件まで保存される (8時間有効)

* 重複データは自動的に除去される

3 items added to the Clipboard. Go to the Clipboard page.

Item in Clipboard

「確認済み」のしるしにも

30

To add items to the Clipboard:

- ① Use the check boxes to select items from the search results.
 - ② Click the "Send to" button and choose "Clipboard".
- * The clipboard can be saved up to 500 items. (valid for 8 hours)
- * Duplicate citation is automatically removed.

クリップボードに保存(2) Clipboard



× Search

[Advanced](#) [Create alert](#) [Create RSS](#) [Clipboard \(3\)](#) [User Guide](#)

クリップボードにデータが保存されているときは、サーチボックス下にクリップボードへのリンクが表示される

#2	...	>	Search: breast cancer chemotherapy	142,579	03:57:27
#0	...	>	Search: Clipboard	3	05:29:10

クリップボードの文献は、Advanced Search の History「#0」に表示され、再検索に利用できる

- The Clipboard link will appear under the search box when you save citations to the Clipboard.
- Citations in the Clipboard are represented in the History by the search number #0, which may be used in searches.

メールで送る *Send E-mail*



Save **Email** Send to

43,188 results

☐ Using mirror-images to enhance studying the amyloid β -protein.

Email citations

To: [redacted]@shiga-med.ac.jp

Subject: amyloid beta peptides
include any optional text for your email

Body:

Selection: All results on this page

Format: Summary

Send email Cancel

検索結果をメールで送信する場合

- ① **[Email]** をクリック
- ② Googleアカウントなどでログイン
- ③ **[Subject]** と **[Body]** を入力(任意)
- ④ **[Selection]** と **[Format]** を選択
- ⑤ **[Send email]** をクリック

Selection

- All results on this page
- All results → 200 件まで送信可能 only the first 200 citations will be sent
- Selection → 検索結果にチェックをつけた文献のみ
selected citations from the search results

Format

- Summary
 - Abstract
 - Summary (text)
 - Abstract (text)
- E-mail 本文を HTML 形式で表示すると、
文献タイトルなどにリンクがつきます
- When the E-mail is displayed in HTML format,
the article title is provided a link to the PubMed citation.

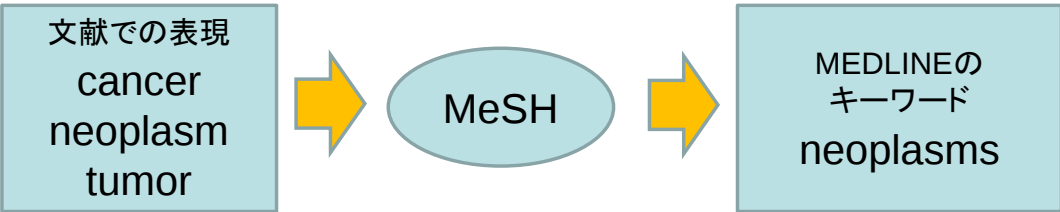
MeSHとは *About MeSH*



Medical Subject Headings = MeSH

- MEDLINEの索引付けに使用される統制語彙集(シソーラス)
- 論文の主題を表すキーワードとして1文献あたり約10～20語のMeSH用語を付与
- 最新の文献データには付与されていない(索引付けに時間がかかる)
- MEDLINEに収録されない文献データには付与されない

系統的な検索には必須！



33

- MeSH is the NLM (National Library of Medicine) controlled vocabulary thesaurus used for indexing PubMed citations.
- Each citation has approximately 10 to 20 MeSH terms represent the subject of the article.
- MeSH terms apply only to Indexed for MEDLINE citations.

MeSHを調べる(1)

Search MeSH Database



 **National Library of Medicine**
National Center for Biotechnology Information

[Log in](#)



[Search](#)

Advanced

PubMed® comprises more than 37 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.

Exploreより
[MeSH Database] をクリック


Learn
[About PubMed](#)
[FAQs & User Guide](#)
[Finding Full Text](#)


Find
[Advanced Search](#)
[Clinical Queries](#)
[Single Citation Matcher](#)


Download
[E-utilities API](#)
[FTP](#)
[Batch Citation Matcher](#)


Explore
[MeSH Database](#)
[Journals](#)

MeSHを調べる(2)

Search MeSH Database



MeSH

MeSH

breast cancer

Create alert

Links

Advanced

Search

Help

Summary

20 per page

Send to

PubMed Search Builder

Search results

Items: 1 to 20 of 63

☐ Breast Neoplasms

1. Tumors or cancer of the human BREAST.
Date introduced: January 1, 1999

☐ Breast Cancer Lymphedema

2. Abnormal accumulation of lymph in the arm, shoulder and breast area associated radiation treatment of **breast cancer**.
Year introduced: 2017
Date introduced: July 8, 2016

☐ Unilateral Breast Neoplasms

3. Tumors or cancer found specifically in one human BREAST, but not in both.
Year introduced: 2016
Date introduced: July 9, 2015

☐ Triple Negative Breast Neoplasms

4. **Breast neoplasms** that do not express ESTROGEN RECEPTOR
NEU RECEPTOR/HER-2 PROTO-ONCOGENE PROTEIN.
Year introduced: 2014
Date introduced: July 8, 2013

☐ Inflammatory Breast Neoplasms

5. Metastatic **breast cancer** characterized by EDEMA and ERYTHEMA of the affected breast due to LYMPHATIC METASTASIS and
eventual obstruction of LYMPHATIC VESSELS by the cancer cells.
Year introduced: 2011
Date introduced: June 25, 2010

breast cancer (63)

MeSH

"breast cancer" を検索すると、
関連するMeSH用語が簡単な
説明とともに一覧表示される

複数ある場合は、用語をクリック
すると詳細表示される

Use this database to search for a particular
term or concept. If multiple items are retrieved,
click on the desired term to view and select
subheadings and other options.

MeSHを調べる(3)

Search MeSH Database



MeSH

MeSH

Search

Limits

Advanced

Help

Full

MeSH: 主標目 (Main headings)

Send to:

PubMed Search Builder

"Breast Neoplasms"[Mesh]

Add to search builder

AND

Search PubMed

YouTube Tutorial

Related information

PubMed

Breast Neoplasms

Tumors or cancer of the human B

PubMed search builder options

Subheadings:

☐ blood

☐ blood supply

☐ cerebrospinal fluid

☐ chemically induced

☐ chemistry

☐ classification

☐ complications

☐ congenital

☐ diagnosis

☐ diagnostic imaging

☐ diet therapy

☐ drug therapy

☐ economics

☐ embryology

☐ enzymology

☐ epidemiology

☐ ethnology

☐ etiology

☐ genetics

☐ history

☐ immunology

☐ metabolism

☐ microbiology

☐ mortality

☐ nursing

☐ parasitology

☐ pathology

☐ physiopathology

☐ prevention and control

☐ psychology

☐ radiotherapy

サブヘディング: 副標目 (Subheadings)

MeSH用語に共通する概念についてまとめたもの

PubMed Search Builder

• [Add to search builder] をクリックすると
検索式が入力される

• [Search PubMed] をクリックすると
PubMed を検索する

☐ Restrict to MeSH Major Topic.

☐ Do not include MeSH terms found below this term in the MeSH hierarchy

Recent Activity

Turn Off

Clear

MeSH

Click on the [Add to Search Builder] button on the right side of the screen.

When finished adding terms, click [Search PubMed] to complete the search.

- **MeSH** (main headings) represent concepts found in the biomedical literature.
- **Subheadings** are attached to MeSH to describe a specific aspect of a concept.

MeSHを調べる(4)

Search MeSH Database



Breast Neoplasms
Tumors or cancer of the human BREAST.

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

2 Entry Terms:
• Breast Neoplasm
• Neoplasm, Breast
• Breast Tumors
• Breast Tumor
• Tumor, Breast

3 [All MeSH Categories](#)
[Diseases Category](#)
[Neoplasms](#)
[Neoplasms by Site](#)
Breast Neoplasms
Breast Carcinoma In Situ
Breast Neoplasms, Male
Carcinoma, Ductal, Breast
Carcinoma, Lobular
Hereditary Breast and Ovarian Cancer Syndrome
Inflammatory Breast Neoplasms
Triple Negative Breast Neoplasms
Unilateral Breast Neoplasms

上位語

下位語

1 必要に応じてチェック
・そのMeSH用語を中心に扱った文献に限定
・そのMeSH用語の階層構造での下位語を含めない

2 このMeSH用語への参照語 (Entry Terms)

3 MeSH用語の階層構造該当する語からみて
・上位語: より広い概念
・下位語: より狭い概念

37

- ① Check options if necessary
 - Restrict to MeSH Major Topic.
 - Do not include MeSH terms found below this term in the MeSH Hierarchy.
 - ② Entry Terms: Synonyms for the heading
 - ③ MeSH hierarchy: The position of the term in the hierarchy
 - Broader terms
 - Narrower terms
- * When you search by a broader term, you can also retrieve citations with the lower terms.

MeSHを調べる(5)

PubMed Abstract Page



> Anticancer Res. 2020 May;40(5):2601-2611. doi: 10.21873/anticancerres.14231.

FULL TEXT LINKS

ABHD12 Knockdown Suppresses Proliferation, Migration and Invasion

Semo Jun ¹, Seok Won Kim ², Ji-Yeon Lim ¹, Seon-Joo Park ¹

Affiliations + expand

PMID: 32366405 DOI: 10.21873/anticancerres.14231

Abstract

Background/aim: Alpha/beta-hydrolase domain containing 12 (ABHD12) is a serine hydrolase that regulates immunological and neurological mechanisms. This study aimed to elucidate the oncogenic effect of ABHD12 on human breast cancer.

Materials and methods: ABHD12 expression in breast cancer cell lines was analyzed by immunohistochemistry. ABHD12 siRNA-suppressed breast cancer cell proliferation, migration, and invasion in vitro assays, and Boyden chamber assays.

Results: Immunohistochemical staining showed a higher ABHD12 expression in breast cancer tissues than in normal tissues. Additionally, ABHD12 knockdown was found to inhibit cell growth, proliferation, migration, and invasion in breast cancer cells.

Conclusion: ABHD12 plays a crucial role in cell proliferation, migration, and invasion of breast cancer cells.

Keywords: ABHD12; breast cancer; invasion; migration; proliferation

Copyright© 2020, International Institute of Anticancer Research (Dr. J. C. C. Lin)

Similar articles

ShRNA-mediated gene silencing of MTA1 influenced on protein expression of ER alpha, MMP-9, CyclinD1 and invasiveness, proliferation in breast cancer cell lines MDA-MB-231 and MCF-7 in vitro.

この文献に付与された MeSH 用語が確認できる
*が付いたものが Major Topic

PAGE NAVIGATION

• 画面下方の項目に移動できる

[MeSH terms]
をクリック

SHARE



PAGE NAVIGATION

< Title & authors

Abstract

Similar articles

Cited by

MeSH terms

Substances

Related information

LinkOut - more resources

MeSH terms

- > Breast Neoplasms / genetics*
- > Breast Neoplasms / pathology*
- > Cell Line, Tumor
- > Cell Movement* / genetics
- > Cell Proliferation / genetics
- > Female
- > Gene Expression Regulation, Neoplastic
- > Gene Knockdown Techniques*
- > Humans
- > Monoacylglycerol Lipases / genetics
- > Monoacylglycerol Lipases / metabolism*
- > Neoplasm Invasiveness
- > RNA, Messenger / genetics
- > RNA, Messenger / metabolism
- > RNA, Small Interfering / metabolism
- > Receptors, Cannabinoid / metabolism
- > Up-Regulation / genetics

Substances

- > RNA, Messenger
- > RNA, Small Interfering
- > Receptors, Cannabinoid
- > ABHD12 protein, human
- > Monoacylglycerol Lipases

Related information

- GEO Profiles
- Gene
- Gene (GeneRIF)
- MedGen

You can check the MeSH terms given in this citation.

- ◆ Major topics are marked with an asterisk (*).

特定の文献を探す *Single Citation Matcher*



Single Citation Matcher

- 特定の文献をピンポイントで探せる
- 断片的な情報から正確な文献情報を検索
- 検索項目：
掲載雑誌名（略誌名も含む）、発行年月日、巻号、
開始ページ、著者名、タイトル中のキーワード

Learn
About PubMed
FAQs & User Guide
Finding Full Text

Find
Advanced Search
Clinical Queries
Single Citation Matcher

PubMed トップページ
の
[Single Citation Matcher]
よりアクセス

39

The Single Citation Matcher can search for a citation using some bibliographic information.

特定の文献を探す Single Citation Matcher



例題: この論文を探す
Exercise: Search this reference.

REFERENCES

- 1. Menon S, Kirkendall ES, Nguyen H, Goldstein SL. Acute kidney injury associated with high nephrotoxic medication exposure leads to chronic kidney disease after 6 months. *J Pediatr*. 2014;165:522-527.
- 2. Goldstein SL, Mottes T, Simpson K, et al. A sustained quality improvement program reduces nephrotoxic medication-associated acute kidney injury. *Kidney Int*. 2016;90:212-221.
- 3. Du Plessis L, Rassekh SR, Mammen C. High incidence of acute kidney injury during chemotherapy for childhood acute myeloid leukemia. *Pediatr Blood Cancer*. 2018;65. <https://doi.org/10.1002/pbc.26915>.
- 4. Motwani SS, McMahon GM, Humphreys BD, Partridge AH, Waikar SS, Curhan GC. Development and validation of a risk prediction model for acute kidney injury after the first course of cisplatin. *J Clin Oncol*. 2018;36:682-688.
- 5. Kellum JA, Lamelle N. Diagnosis, evaluation, and management of acute kidney injury: a KDIGO summary (Part 1). *Critical care (London, England)*. 2013;17:204.
- 6. Cook KM, Gillon J, Grisso AG, et al. Incidence of nephrotoxicity among pediatric patients receiving vancomycin with either piperacillin-tazobactam or cefepime: a cohort study. *J Pediatric Infect Dis Soc*. 2019 Jul 1;8(3):221-227.
- 7. Rutter WC, Cox JN, Martin CA, Burgess DR, Burgess DS. Nephrotoxicity during vancomycin therapy in combination with piperacillin-tazobactam or cefepime. *Antimicrob Agents Chemother*. 2017;61:e02089-16.
- 8. Navalkele B, Pogue JM, Karino S, et al. Risk of acute kidney injury

Cook KM, Gillon J, Grisso AG, et al. Incidence of nephrotoxicity among pediatric patients receiving vancomycin with either piperacillin-tazobactam or cefepime: a cohort study. *J Pediatric Infect Dis Soc*. 2019 Jul 1;8(3):221-227.



特定の文献を探す Single Citation Matcher

PubMed Single Citation Matcher

Use this tool to find PubMed citations. You may omit any field.

Journal

Journal may consist of the full title or the title abbreviation.

Date

Month and day are optional.

Year

Month

Day

Details

Volume

Issue

First page

Author

Use format lastname initials for the most comprehensive results, e.g., Ostell J. See also: Searching by author.

Limit authors

☐

Only as first author

☐

Only as last author

Title words

Search

Clear

わかっている情報を入力し、Enter または[Search] ボタンをクリック

Year: 2019 Volume: 8
Issue: 3 First page: 221

第一著者 / 最終著者に限定できる

Enter the citation information and click the "Search" button.

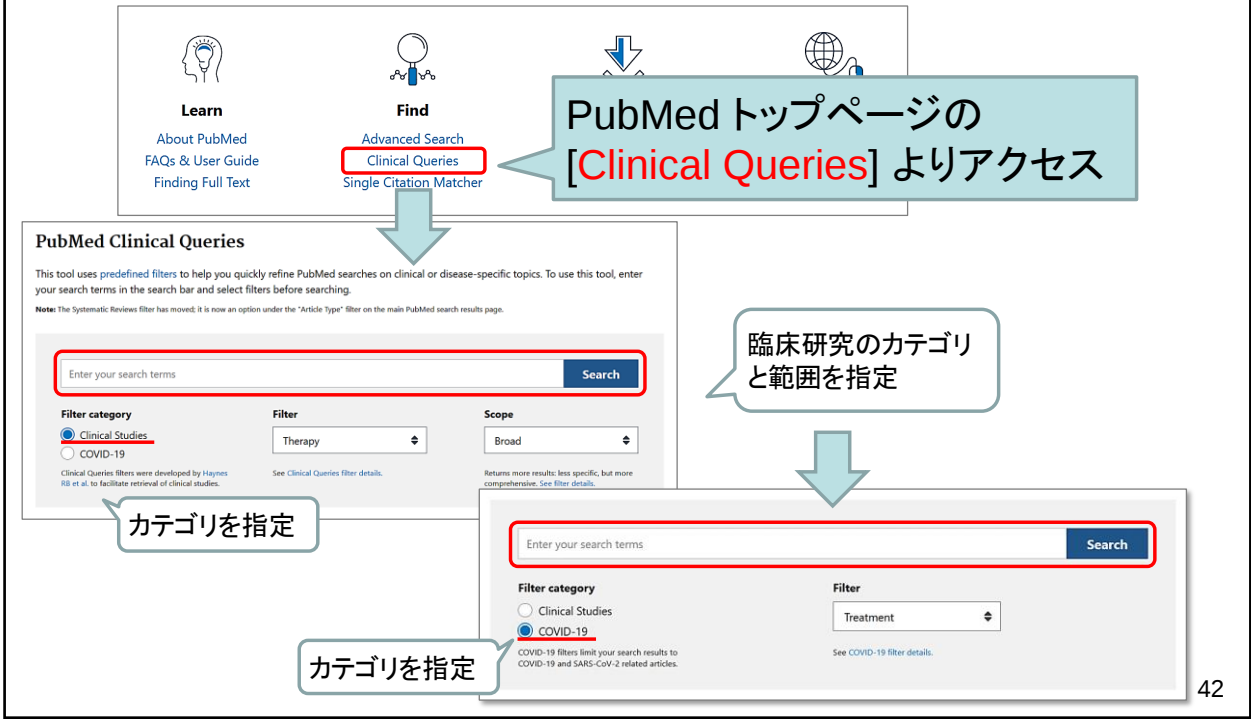
41

Enter the citation information and click the "Search" button.

* When you enter a journal title or an author name, the suggestions will automatically appear.

臨床向けツール *Clinical Queries*

- 臨床医学領域で、エビデンスとなる文献を短時間で探せる



42

Clinical Queries are search tools designed to retrieve targeted results to clinical questions.

Clinical search filters

- COVID-19 Articles -- Limit retrieval to citations about the 2019 novel coronavirus;
these filters may evolve over time.
- Clinical Study Categories -- Based on the work of Haynes RB et al.

My NCBI について *My NCBI*



My NCBIの主な機能

- Save searches & automatic e-mail alerts:
 - * 検索式の保存、保存した検索式を自動的に定期的に実行した結果をEメールで配信
- Collections:
 - * 検索結果の長期保存
- Filters:
 - * 検索結果のフィルタリング(15個まで設定可)
- Preferences:
 - * 画面のカスタマイズ

43

My NCBI の 主な機能です。

My NCBI's main Functions



My NCBI にアカウント登録(無料)

Register for My NCBI for free

The screenshot shows the My NCBI interface. At the top, the NIH logo and 'National Library of Medicine' text are on the left. On the right, a 'Log in' button is circled in red. A blue callout bubble points to it with the text: 'PubMed トップページ右上 [Log in] をクリック'. Below this, there are two main sections: 'Log in' on the left and 'Sign up' on the right. The 'Log in' section lists various account options: eRA Commons, Google Account, ORCID, Login.gov, Microsoft, NIH Account, and NCBI Account. These options are grouped by a red dotted circle, with a yellow callout bubble stating: 'これらのアカウントでログイン可能'. Below the list is a 'more login options' button with a callout bubble saying '他にもあり'. At the bottom of the 'Log in' section, there is a 'New here? Sign up' link, where 'Sign up' is circled in red. A blue callout bubble points to it with the text: 'なければ[Sign up] をクリック'. The 'Sign up' section also lists the same account options, with a yellow callout bubble stating: '好きなものを選んでアカウントを作成'. At the bottom of the 'Sign up' section is a 'more sign up options' button.

44

- When using "My NCBI" for the first time, click [Log in] at the top right of PubMed search page.
↓
- If you don't have any account, click [Sign up].
↓
- Choose some one, and create a new account.

My NCBI に検索式を保存(1)

Save Search Strategies



×

Search

Advanced **Create alert** Create RSS

User Guide

① 検索結果画面の
[Create alert] をクリック
→ My NCBI にサインイン



History and Search Details Download Delete

Search	Actions	Details	Query	Results	Time
#4	...	Add query Delete Create alert	breast cancer Filters: Randomized Controlled Trial, in the last 5 English	2,123	03:45:04
#3	...			105,738	03:44:56
#2	...			108,390	03:44:10
#1	...			413,278	03:44:05

Advanced Search の History にも
[Create alert] へのリンクがあります

- ① Click the "Create alert" link below the search box. → Log in to My NCBI
- * The "Create alert" link is also available in the History on the Advanced Search page.

My NCBI に検索式を保存(2)

Save Search Strategies



Your saved search

* Name of saved search: breast cancer chemotherapy

* Search terms: breast cancer chemotherapy
Test search terms

Would you like email updates of new search results?

☒ Yes
☐ No

Email: [redacted]@belle.shiga-med.ac.jp
(change)

Frequency: Monthly

Which day? The first Sunday

Report format: Summary

Send at most: 5 items

☐ Send even when there aren't any new results

Optional text in email: [text area]

Save Cancel

② "Your saved search" 画面にて、必要に応じてメール配信の設定を行い、[Save] をクリックする

検索式が編集できる

■ メール配信設定について

保存した検索式を自動実行してEメールへ結果を送信させることができる

- "Yes" を選択
- 送信頻度を設定
- データの表示形式や件数も指定可

46

② On the "Your saved search" page, set up automatic E-mail updates as necessary and click "Save".

* Automatic E-mail updates of search results are sent according to the frequency you selected when saving your search in My NCBI. You can also choose a format and the number of items to be sent.



My NCBI Filters の設定

Set up Filters

MY CUSTOM FILTERS

RESULTS BY YEAR

① 検索結果画面左上の
"MY CUSTOM FILTERS " をクリック
→ My NCBI にサインイン

My NCBI > Filters

You are managing filters for: PubMed Choose another database: PubMed(1 active)

Create custom filter

Your PubMed filter list

Active	Name	Type
☒	English	Standard filter

Browse/Search for PubMed Filters

Select category:

☒ Popular ☐ LinkOut ☐ Properties ☐ Links

Search with terms (optional): Search

Active	Name	Description
☐	Clinical Trial	
☒	English	
☐	English & Humans	
☐	Free Full Text	links to Web accessible full text articles (of charge)
☐	Full Text	links to Web accessible full text articles (subscription)
☐	Humans	
☐	Items with Abstracts	
☐	Published in the last 5 years	
☐	Review	articles that review the literature on a subject

② Select category の
"Popular" または
"Properties" を指定し、
フィルターにチェック

チェックをつけると
リストに追加される

MY CUSTOM FILTERS

All (548,510)

English (506,478)

RESULTS BY YEAR

PUBLICATION DATE

☐ 1 year

③ My NCBI ログイン時の検索結果画面に、設定したフィルターが表示される

- ① Click "MY CUSTOM FILTERS " at the top of the filters menu on the search results page. → Log in to My NCBI
- ② Select the "Popular" or "Properties" category and check the filters.
* You can set up to 15 filters
- ③ Your filters will appear in the search results while logging in to My NCBI.