

論文検索

Database Searching

PubMed

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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.

- 約**3,800万件**の文献データを収録

PubMed comprises more than 38 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

+

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)

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*

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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

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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

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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. At the top left is the NIH logo and 'National Library of Medicine National Center for Biotechnology Information'. Below this is the PubMed logo. A search box is highlighted with a red border, and a green 'Search' button is to its right. A light blue callout box points 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' and 'To search PubMed, enter the terms in the search box'. Below the search box, there is a link to the search manual and various tools, also highlighted with a light blue callout box: '検索マニュアルや各種ツールへのリンク' and 'Links to the search manual and various tools'. At the bottom, there are four icons representing different functions: Learn, Find, Download, and Explore. Each icon has a list of links below it. The 'Learn' section includes 'About PubMed', 'FAQs & User Guide', and 'Finding Full Text'. The 'Find' section includes 'Advanced Search', 'Clinical Queries', and 'Single Citation Matcher'. The 'Download' section includes 'E-utilities API', 'FTP', and 'Batch Citation Matcher'. The 'Explore' section includes 'MeSH Database' and 'Journals'. A red box highlights the entire bottom section containing these four icons and their links. The number '6' is visible in the bottom right corner of the screenshot.

NIH National Library of Medicine
National Center for Biotechnology Information

PubMed®

画面上部のサーチボックスに
検索語を入力する
*To search PubMed, enter the terms
in the search box*

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.

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

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

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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

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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

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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.

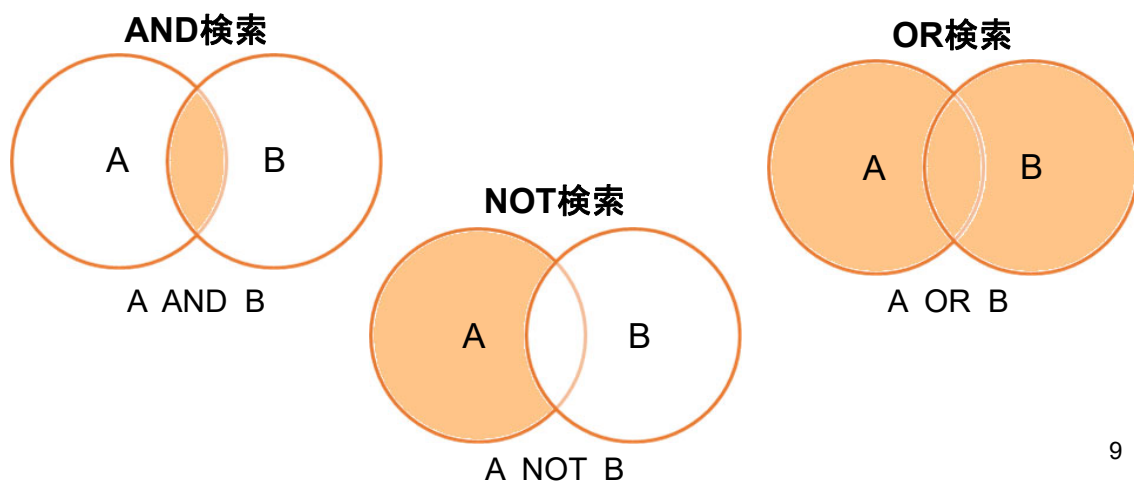
However, note that the prefix search and the phrase search turn off the automatic term mapping.

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。



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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

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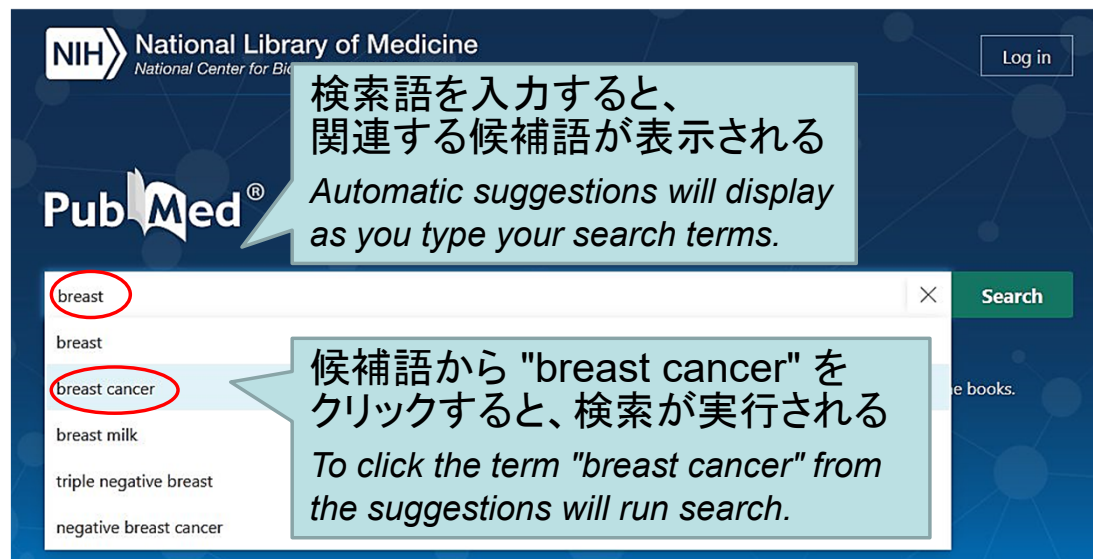
- Using **AND** : Search literatures containing both search term A and search term B
 - Using **OR** : Search literatures containing either search term A or search term B
 - Using **NOT** : Search literatures excluding the results of search term B from the results of search term A
- * Use "NOT" with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



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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



The screenshot shows the PubMed search results page for the query "breast cancer". The search bar at the top contains "breast cancer" and the "Search" button is highlighted. Below the search bar, there are links for "Advanced", "Create alert", and "Create RSS". On the left, there is a "RESULTS BY YEAR" graph showing a sharp increase in results starting around 2015. Below the graph, there are filters for "PUBLICATION DATE" (1 year, 5 years, 10 years, Custom Range) and "TEXT AVAILABILITY". On the right, the search results are displayed in a list format. The first result is titled "Breast cancer: Biology" and the second is "Breast cancer: presentation". The "Sort by" dropdown menu is set to "Best match" and the "Display options" gear icon is visible. A blue callout box on the right contains text explaining the default display format and sorting order.

検索結果件数

548,245 results

Sort by: Best match

Display options

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.

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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

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.
PMID: 34075766 **Free article.** Review.

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

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

Advanced Search で指定することも可能

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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**

PUBLICATION DATE

☐ 1 year

☒ 5 years

☐ 10 years

☐ Custom Range

TEXT AVAILABILITY

☐ Abstract

☐ Free full text

☐ Full text

ARTICLE ATTRIBUTE

☐ Associated data

ARTICLE TYPE

☐ Books and reviews

☐ Clinical Trial

☐ Meta-Analysis

☒ Randomized Controlled Trial

☐ Review

☐ Systematic Review

See all article type filters

Additional filters +

Check

Check

メニューに表示されていない場合
例) 本文言語「英語」を設定
[Additional filters+] をクリック

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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
- Species: ヒト / 動物
- Article Language: 言語
- 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]

1,468 results

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

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

Cite 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, Tolane 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

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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 ⚙️

MY CUSTOM FILTERS

1,468 results

Format: 表示形式

Format Summary

Per page 10

Per page: 1画面の表示件数

Abstract snippets ☒ Show ☐ Hide

Show snippets: スニペット表示/非表示

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) will not experience recurrence or distant recurrence with currently available standard therapies. ...Abemaciclib is an oral, continuously dosed, CDK4/6 inhibitor approved for HR+, HER2- advanced ...

PUBLICATION DATE

1 year

5 years

10 years

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

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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

1,468 results

MY CUSTOM FILTERS

RESULTS BY YEAR

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, Tolane 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

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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/cma.j.cn112137-20240104-00029.

Share 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

PMID (PubMed番号)
これだけで検索可能

文献タイトル
本文が英語以外の場合
前後に [] がつく

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

Cite
指定した引用形式で文献情報をコピー

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、French 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 French.
- ・ 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

SpringerLink



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 PMCID: 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 OPEN ACCESS

PMC Full text

Full text

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

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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 at high risk of breast cancer were randomly assigned to receive anastrozole or placebo for 5 years. After treatment, the primary endpoint was the rate of breast cancer incidence (invasive and ductal carcinoma in situ). The secondary endpoint was the rate of breast cancer incidence (invasive and ductal carcinoma in situ) in the post-treatment period.

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 Mar 22. 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, 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

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

Download Delete

Advanced Searchについては後ほど詳しく

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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！

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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, and an arrow 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". It contains three main sections:

- Add terms to the query box**: This section has a dropdown menu labeled "All Fields" and a text input field labeled "Enter a search term". An arrow points to this section 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".
- Query box**: This section has a text input field labeled "Enter / edit your search query here". An arrow points to this section with the text "Query box" and "・検索語や検索式が入力される".
- History and Search Details**: This section contains a table with search history. An arrow points to this section with the text "History and Search Details" and a list of bullet points:
 - ・検索履歴が表示される(8時間有効)
 - ・履歴を利用した再検索ができる
 - ・検索式の詳細を確認することができる

At the bottom right of the interface, there is 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 shows the 'Add terms to the query box' section. A dropdown menu is set to 'Title/Abstract' (1), and 'breast cancer' is entered in the text box. The 'ADD' button is circled in red (2). Below this, the 'Query box' contains 'breast cancer[Title/Abstract]'. A blue callout box explains: 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. To the right of the query box is an 'Add to History' button, also circled in red (3). A blue callout box explains: 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. Below the query box is a 'Search' button. At the bottom, the 'History and Search Details' table shows the search history.

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

A blue callout bubble on the right says: 自動マッピングは働きません. A yellow box at the bottom states: [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.

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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	...	Add with AND Add with OR Add with NOT Delete Create alert	Search: breast malignant tumor[Title/Abstract]	05:10:30
#3	...		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

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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.

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

Stephen R D Johnston ¹, Nadia Harbeck ², Roberto Hegg ³, Masakazu Toi ⁴, Miguel Martin ⁵, Zhi Min Shao ⁶, Qing Yuan Zhang ⁷, Jorge Luis Martinez Rodriguez ⁸, Mario Campone ⁹,

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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 search results for "breast cancer". The "Save" button is circled in red. Below it, the "Save citations to file" dialog is shown with "All results on this page" selected for Selection and "Summary (text)" selected for Format. The "Create file" button is also highlighted.

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

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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



breast cancer chemotherapy × 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

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- 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

Email citations

Subject: breast cancer[tiab] Filters: Randomized Controlled Trial, in the last 5 years, English - PubMed

* To:

From:

Selection:

Format:

☒ 私はロボットではありません
 

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 **To:**に**E-mail** アドレスを入力
- ③ **[Selection]** と **[Format]** を選択
- ④ 「私はロボットではありません」にチェック
→ 確認のための画像が表示される
- ⑤ **[Send email]** をクリック

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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

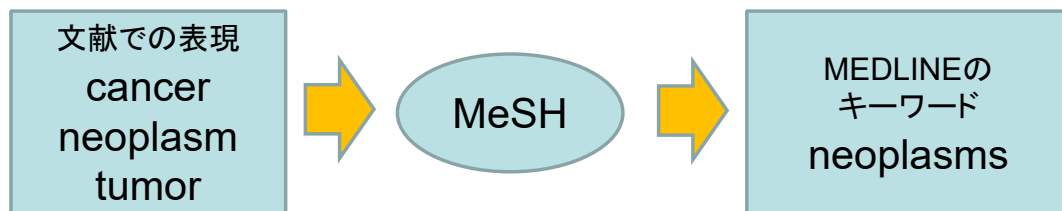
- Summary
 - Abstract
 - Summary (text)
 - Abstract (text)
- } → E-mail 本文を HTML 形式で表示すると、
文献タイトルなどにリンクがつきます
- When the E-mail is displayed in HTML format,
the article title is provided a link to the PubMed citation.

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

系統的な検索には必須！
- 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



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- 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



The screenshot shows the PubMed homepage. At the top left is the NIH logo and 'National Library of Medicine National Center for Biotechnology Information'. At the top right is a 'Log in' button. Below the NIH logo is the PubMed logo. A search bar with a green 'Search' button is in the center. Below the search bar is a paragraph of text: '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.' At the bottom, there are four main sections: '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), and 'Explore' (MeSH Database, Journals). A light blue callout box with a pointer to the 'MeSH Database' link contains the text: 'Exploreより [MeSH Database] をクリック'.

NIH National Library of Medicine
National Center for Biotechnology Information

Log in

PubMed®

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

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MeSHを調べる(2)

Search MeSH Database



MeSH [Search](#) [Create alert](#) [Limits](#) [Advanced](#) [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

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.

- "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

MeSHを調べる(3)

Search MeSH Database



The screenshot shows the MeSH database search interface. Key elements and annotations include:

- MeSH: 主標目 (Main headings)**: Points to the "Breast Neoplasms" term in the left sidebar.
- サブヘディング: 副標目 (Subheadings)**: Points to the list of subheadings under "Breast Neoplasms", such as "blood", "diagnosis", "therapy", etc.
- MeSH用語に共通する概念についてまとめたもの**: Points to the subheadings list.
- PubMed Search Builder**: Points to the right-hand search builder interface, which contains the text "Breast Neoplasms" [Mesh] and buttons for "Add to search builder" and "Search PubMed".
- PubMed Search Builder** (Callout box):
 - [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
- 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.**: A yellow highlighted instruction box at the bottom.

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- **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

下位語

↑↓

上位語

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

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

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- 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/anticancer.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/anticancer.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 by immunohistochemistry. ABHD12 siRNA-suppressed breast cancer cell proliferation, migration, and invasion 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

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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

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

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LinkOut - more resources

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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



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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

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J Pediatric Infect Dis Soc.
2019 Jul 1;8(3):221-227.

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PubMed Single Citation Matcher

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

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

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Month and day are optional.

Details

Author

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

Limit authors

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YYYY

Month
MM

Day
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Volume

Issue

First page

Author

☐ 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.

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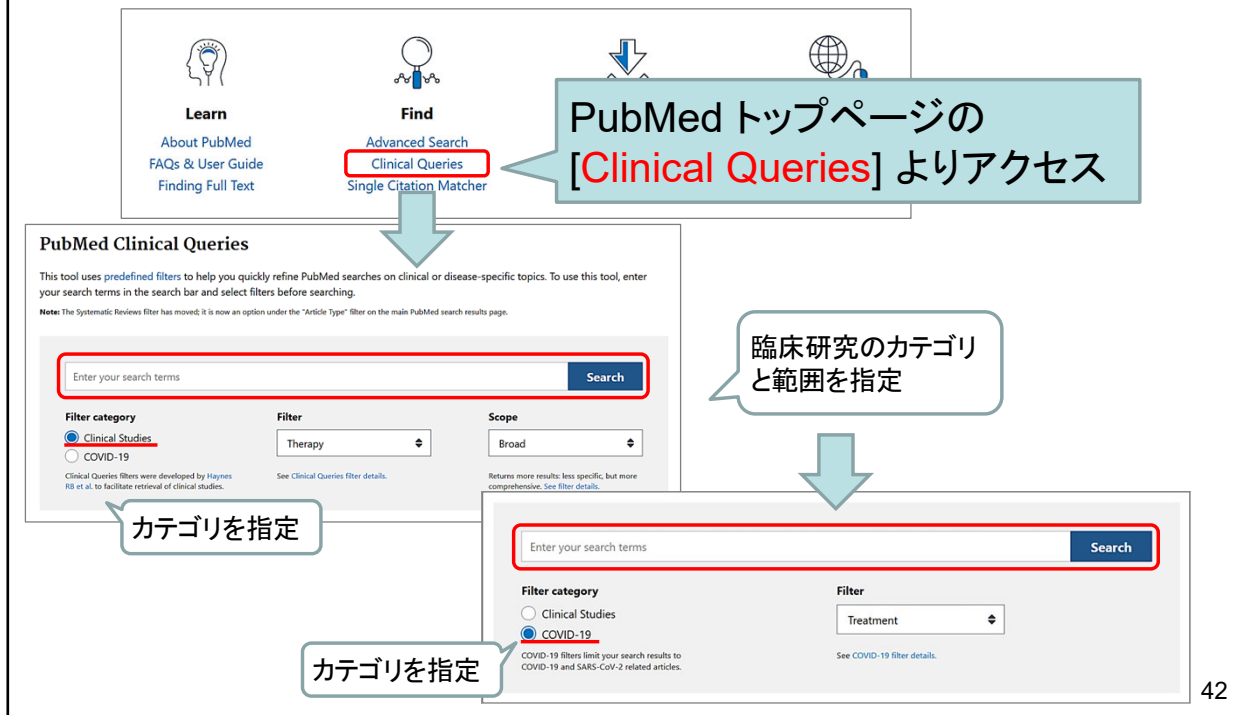
Enter the citation information and click the "Search" button.

* 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



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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

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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





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National Center for Biotechnology Information

PubMed トップページ右上
[Log in] をクリック

Log in

Log in

 eRA Commons

 Google Account

 ORCID

 Login.gov

 Microsoft

 NIH Account

 NCBI Account

more login options

New here? Sign up

Sign up

using

 eRA Commons

 Google Account

 ORCID

 Login.gov

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 NIH Account

more sign up options

これらのアカウント
でログイン可能

お好きなものを選んで
アカウントを作成

他にもあり

なければ **[Sign up]** をクリック

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- 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



breast cancer × 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

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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

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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

The screenshot shows the 'My NCBI Filters' page. At the top left, 'MY CUSTOM FILTERS' is circled in red. A blue arrow points from this link to a text box. The text box contains the instruction: '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'. Below this, the 'My NCBI Filters' page is shown. On the left, under 'Your PubMed filter list', there is a table with columns 'Active', 'Name', and 'Type'. The 'English' filter is checked and listed as a 'Standard filter'. A red arrow points from a text box 'チェックをつけると リストに追加される' to this table. In the center, under 'Browse/Search for PubMed Filters', the 'Select category' section has 'Popular' and 'Properties' circled in red. A red box highlights a list of filters including 'English', 'English & Humans', 'Free Full Text', 'Full Text', 'Humans', 'Items with Abstracts', 'Published in the last 5 years', and 'Review'. A blue arrow points from this list to a text box: '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'. On the right, the 'MY CUSTOM FILTERS' section shows 'All (548,510)' and 'English (506,478)' circled in red. Below this is a 'RESULTS BY YEAR' section with a 'PUBLICATION DATE' filter set to '1 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

チェックをつけると
リストに追加される

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

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

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- 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.