

PubMed: Getting Started

Research Medical Library

November 2023



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National Center for Biotechnology Information

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Advanced

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Advanced Search
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E-utilities API
FTP
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Welcome

Today's Session

- Arwen Meador, MSLS
- ajmeador1@mdanderson.org
- Basics of PubMed in 30 minutes
- Session materials shared in follow-up email

Upcoming Classes

[Library Calendar](#)

EndNote 20: Getting Started 11/7 @ 11:00 a

Dear Editor 11/9 @ 12:00 p

Scopus Author Profiles 11/16 @ 11:00 a

Class Agenda

- About PubMed
- Access & Login
- Basic searching
- Saving search results



About PubMed

Free online resource from the National Center for Biotechnology (NCBI)

35+ citations from biomedical & health literature: PubMed Central, MEDLINE, & NCBI Bookshelf

Full-text article access is gained through the institution

Access PubMed

The library's PubMed link connects it to our subscription services and provides full-text article options.

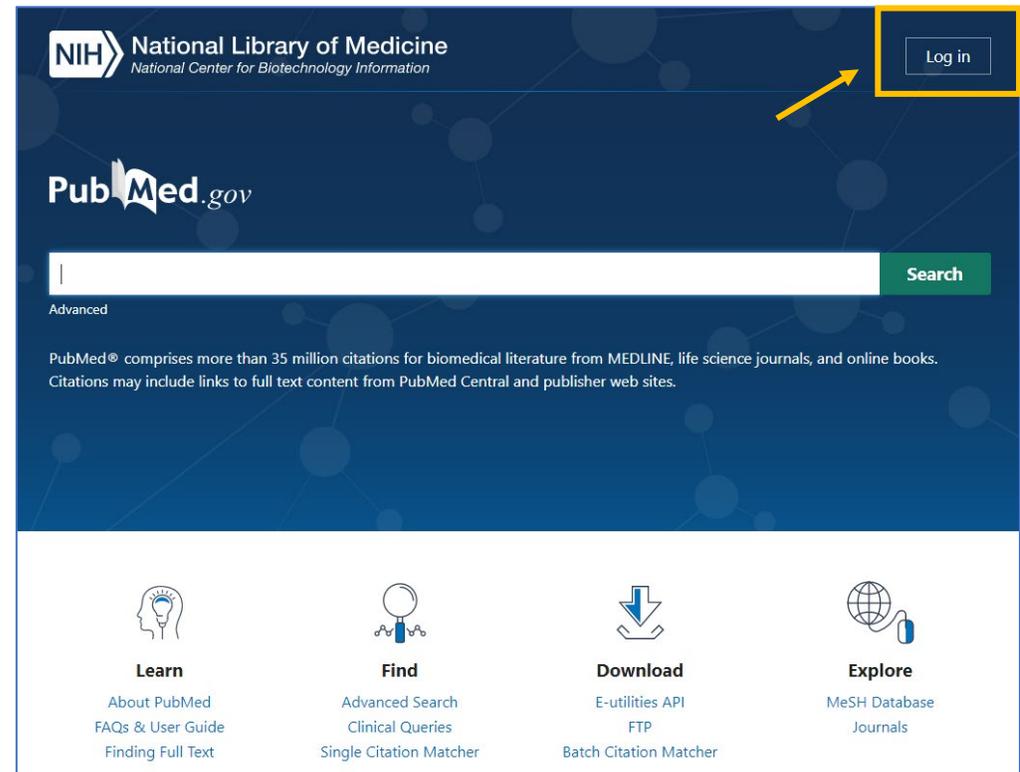
1. www.mdanderson.org/library
2. Find Information > PubMed
3. Look for the MDA full-text article button on an article's Abstract page



The screenshot displays the PubMed interface. At the top, the NIH National Library of Medicine logo is visible. The search bar contains the term 'cologuard' and is set to 'Advanced' search. Below the search bar, the search results for 'cologuard' are shown. The first result is a systematic review titled 'A systematic review of the clinical validity of the Cologuard™ genetic test for screening colorectal cancer' from the journal 'Rev Clin Esp (Barc)'. The article is published in 2015. The authors listed are M Á Onieva-García, A Llanos-Méndez, E Baños-Álvarez, and R Isabel-Gómez. The PMID is 26434810 and the DOI is 10.1016/j.rce.2015.08.002. The abstract states: 'Objectives: The aim of this study was to assess the available evidence on the validity, diagnostic accuracy and clinical utility of the multitarget DNA test in faeces (Cologuard™) for screening for colorectal cancer (CRC)'. On the right side of the article, there are 'FULL TEXT LINKS' for Elsevier and MD Anderson. A yellow arrow points to the MD Anderson Full-text Article button. Below the full-text links, there are 'ACTIONS' buttons for 'Cite' and 'Collections', and 'SHARE' buttons for Twitter, Facebook, and LinkedIn. At the bottom right, there is a 'PAGE NAVIGATION' section.

Log Into My NCBI

- Track searching activity
- Set-up automatic alerts for authors, journals, and searches
- Build article citation collections
- Access My Bibliography



The screenshot shows the PubMed.gov website interface. At the top left, the NIH logo is displayed next to the text "National Library of Medicine" and "National Center for Biotechnology Information". Below this is the "PubMed.gov" logo. A search bar is present with a "Search" button to its right. In the top right corner, a "Log in" button is highlighted with a yellow box, and a yellow arrow points to it from the left. Below the search bar, the text "Advanced" is visible. A paragraph of text states: "PubMed® comprises more than 35 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 navigation categories: "Learn" (with a lightbulb icon), "Find" (with a magnifying glass icon), "Download" (with a download arrow icon), and "Explore" (with a globe icon). Each category has a list of sub-links: "Learn" includes "About PubMed", "FAQs & User Guide", and "Finding Full Text"; "Find" includes "Advanced Search", "Clinical Queries", and "Single Citation Matcher"; "Download" includes "E-utilities API", "FTP", and "Batch Citation Matcher"; "Explore" includes "MeSH Database" and "Journals".

Account Features

NCBI Account Settings

Email

This email is used for delivery of saved searches and recovery of password for your native NCBI account.

Email	Status	Edit
AJMeador1@mdanderson.org	(confirmed)	

NCBI Account

Your username is the email address of the third-party account that you used to set up your NCBI account.

Username
ajmeador1@mdanderson.org

Linked Accounts

You can log into your NCBI account via these third parties. Contact the third party about any issues related to logging into any of the accounts below.

Account	Email/ID	Remove
University of Texas MD Anderson Cancer Center	AJMeador1@mdanderson.org	
ORCID	ajmeador1@mdanderson.org (logged in)	

[Add account](#)

Delegates

You can add delegates to help you manage your bibliography and/or SciENcv profiles.

[Add delegate](#)

The screenshot shows the 'My NCBI' dashboard for user 'ajmeador1@mdander...'. The dashboard includes several sections:

- Search NCBI databases:** A search bar with 'PubMed' selected and a 'Search' button.
- Recent Activity:** A message stating 'You do not have any recent activity.' with links for 'Clear', 'Turn Off', and 'See All Recent Activity'.
- Saved Searches:** A table listing saved searches with columns for Search Name, What's New, and Last Searched. The table shows three searches: 'ca221707(Grant Number)' (0 items, today), 'J Clin Oncol[our]' (25 items, 7 days ago), and 'Cardiovascular Cholesterol' (10 items, 7 days ago).
- My Bibliography:** A section showing 'Your bibliography contains 10 items.' and a link to share the bibliography.
- Filters:** A section showing 'Filters for: PubMed (5 active)' with a list of filters: Clinical Trial, Controlled Clinical Trial, Practice Guideline, Published in the last 5 years, and Systematic Review.
- SciENcv:** A section showing a table with columns for Name, Last Update, Sharing, and Type. One entry is 'AJM CV' with a last update of '30-Jan-2023' and a type of 'NIHBliosketch3'.
- Collections:** A section showing 'All bibliographies and Other citations are now in My Bibliography' and a table with columns for Collection Name, Items, Settings/Sharing, and Type.

Yellow circles highlight the 'My Bibliography' section, the 'Saved Searches' section, and the 'Collections' section. A yellow arrow points to the 'Delegates' section in the account settings page.

Searching PubMed

Search for topics, authors, and specific citations.

Topic Search

- Core concepts → Keywords
- No articles or punctuation
- Use Boolean operators for more advanced searches
- Use filters to refine results (article type, date, and more)

Topic Search

Does HRT increase risk of breast cancer in women?

Hormone
replacement
therapy

Breast
cancer

Women

Author Search

Author name ambiguity makes identifying authors in databases, like PubMed, challenging. The best results require the following information:

- First, middle, and last name
- Institutional affiliations

How to Search

1. Enter the author's last name and initials (**no punctuation**)
2. Select an article citation and confirm affiliation(s)
3. Click the author's hyperlinked name

Computed Author S

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Search results

> Am Fam Physician. 2022 Feb 1;105(2):198-200.

Multitarget Stool DNA Testing (ColoGuard) for Colorectal Cancer Screening

Karl T Clebak¹, Sarah Nickolich¹, Megan Mendez-Miller¹

Affiliations collapse

Affiliation

¹ Penn State Health Milton S. Hershey Medical Center, Hershey, PA

PMID: 35166507

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User Guide

Save Email Send to Sort by: Computed author Display options

MY NCBI FILTERS 30 results Page 1 of 3

TEXT AVAILABILITY

Abstract

Free full text

Full text

ARTICLE ATTRIBUTE

Associated data

ARTICLE TYPE

Books and Documents

Clinical Trial

Guideline

Meta-Analysis

Observational Study

Randomized Controlled Trial

Review

Systematic Review

PUBLICATION DATE

1 year

5 years

Results are displayed in a computed author sort order. Results by year timeline is unavailable

Multitarget Stool DNA Testing (ColoGuard) for Colorectal Cancer Screening.
1 **Clebak KT**, Nickolich S, Mendez-Miller M.
Cite Am Fam Physician. 2022 Feb 1;105(2):198-200.
PMID: 35166507 No abstract available.
Share

Saline Irrigation for Allergic Rhinitis.
2 **Clebak KT**, Naccarato J, Riley TD.
Cite Am Fam Physician. 2019 May 1;99(9):544-545.
PMID: 31038895 **Free article.** No abstract available.
Share

Positional Therapy for Obstructive Sleep Apnea.
3 **Clebak KT**, Demetriou TJ, Carey S.
Cite Am Fam Physician. 2020 Jan 1;101(1):16-17.
PMID: 31894941 **Free article.** No abstract available.
Share

Accuracy of Dermoscopy vs. Visual Inspection for Diagnosing Melanoma in Adults.
4 **Clebak KT**, Helm L, Helm M.
Cite Am Fam Physician. 2020 Feb 1;101(3):145-146.
PMID: 32003953 **Free article.** No abstract available.
Share

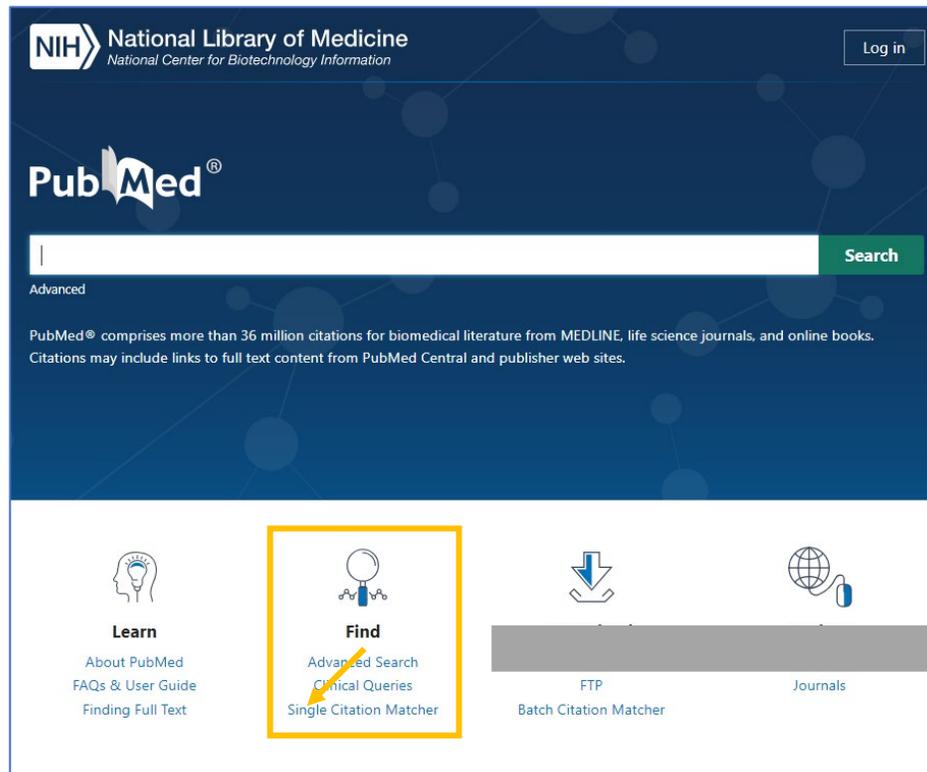
Cutaneous Cryosurgery for Common Skin Conditions.
5 **Clebak KT**, Mendez-Miller M, Croad J.

Citation Search

Search for a specific article citation by DOI, PMID, or title.

- Enter or copy/paste this information in the search box
- An exact match will route you directly to the article citation's Abstract page

Single Citation Matcher



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Log in

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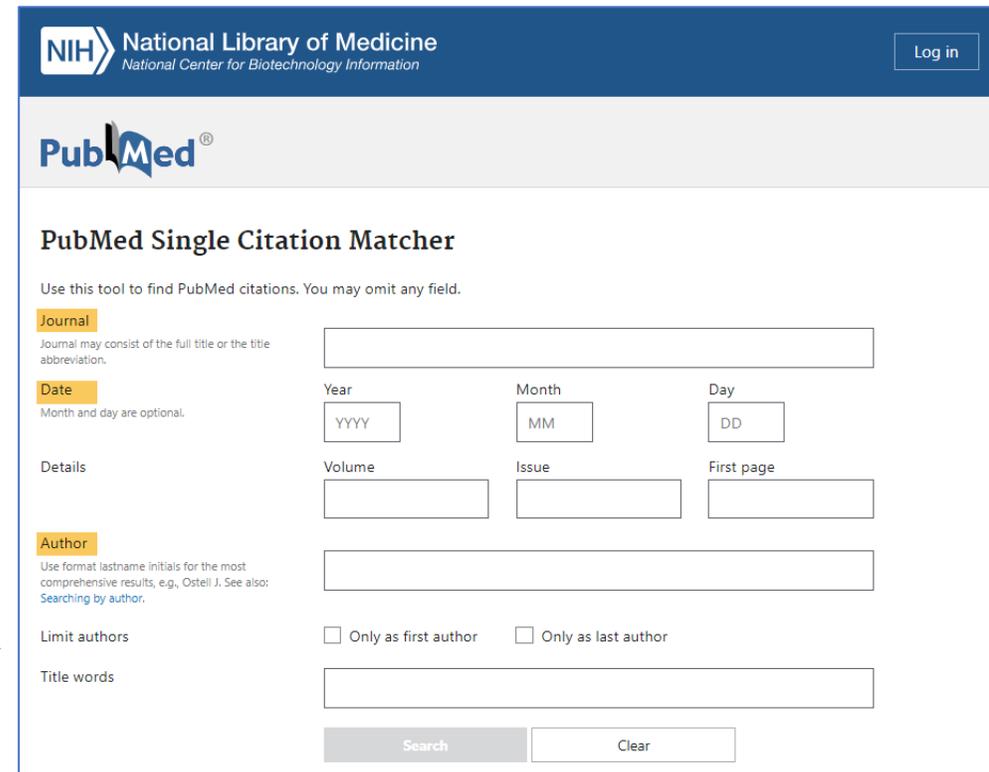
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PubMed Single Citation Matcher

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.

Details

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

Limit authors

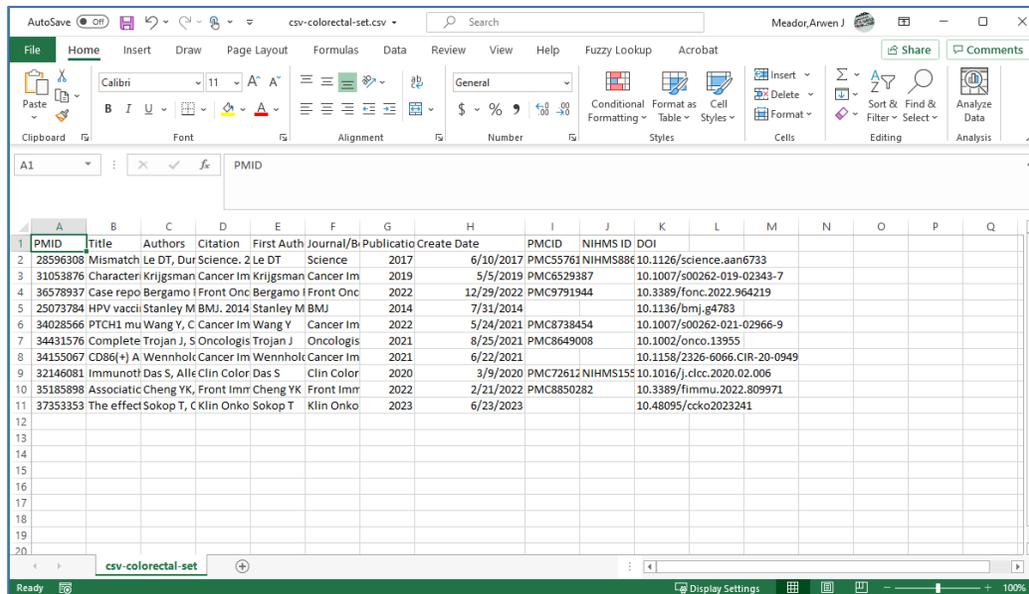
Title words

Search Clear

Saving Search Results

Save search results temporarily and indefinitely.

Save Search Results: File & Email



	PMID	Title	Authors	Citation	First Auth	Journal/B	Publicatio	Create Date	PMCID	NIHMS ID	DOI
1											
2	28596308	Mismatch Le DT, Dur Science. 2 Le DT	Science					6/10/2017	PMCS5761	NIHMS886	10.1126/science.aan6733
3	31053876	Characteri Krijgsman Cancer Im Krijgsman Cancer Im						5/5/2019	PMC6529387		10.1007/s00262-019-02343-7
4	36578937	Case repo Bergamo I Front Onc Bergamo I Front Onc						12/29/2022	PMC9791944		10.3389/fonc.2022.964219
5	25073784	HPV vacci Stanley M BMJ. 2014 Stanley M BMJ						7/31/2014			10.1136/bmj.g4783
6	34028566	PTCH1 mu Wang Y, C Cancer Im Wang Y	Cancer Im					5/24/2021	PMC8738454		10.1007/s00262-021-02966-9
7	34431576	Complete Trojan J, S Oncologis Trojan J	Oncologis					8/25/2021	PMC8649008		10.1002/onco.13955
8	34159067	CD86(+) A Wennholc Cancer Im Wennholc Cancer Im						6/22/2021			10.1158/2326-6066.CCR-20-0949
9	32146081	Immunoth Das S, Alle Clin Color Das S	Clin Color					3/9/2020	PMC72612	NIHMS155	10.1016/j.clcc.2020.02.006
10	35185898	Associatic Cheng YK, Front Imnr Cheng YK	Front Imnr					2/21/2022	PMC8850282		10.3389/fimmu.2022.809971
11	37353353	The effect Sokop T, C Klin Onko Sokop T	Klin Onko					6/23/2023			10.48095/ccko2023241

[EXTERNAL] colorectal cancer immunotherapy young adult - PubMed



Sent by NCBI <nobody@ncbi.nlm.nih.gov>

To Meador,Arwen J



Mon 9:03 PM

If there are problems with how this message is displayed, click here to view it in a web browser.

Search: colorectal cancer immunotherapy young adult

3 selected items

PubMed Results

Items 1-3 of 3 ([Display the 3 citations in PubMed](#))

1. [Characterization of circulating T-, NK-, and NKT cell subsets in patients with colorectal cancer: the peripheral blood immune cell profile.](#)

Krijgsman D, de Vries NL, Skovbo A, Andersen MN, Swartz M, Bastiaannet E, Vahrmeijer AL, van de Velde CJH, Heemskerk MHM, Hokland M, Kuppen PJK.

Cancer Immunol Immunother. 2019 Jun;68(6):1011-1024. doi: 10.1007/s00262-019-02343-7. Epub 2019 May 3.

PMID: 31053876 **Free PMC article.**

2. [Case report: Complete pathologic response with first-line immunotherapy](#)

Save Search Results: Send to

No Login Required

- Clipboard: Temporarily stores citations
- Citation manager: Allows for export of citations to EndNote or Zotero

Login Required (My NCBI Account)

- My Bibliography: Permanently saves citations to an author's My Bibliography
- Collections: Permanently saves citations to a user's "Favorites" or custom collection

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Save Email Send to Sort by: Best match Display options

MY NCBI FILTERS All (122)
MD Anderson Authors (5)
Practice Guidelines (4)
COVID-19 (0)
Cancer (122)

RESULTS BY YEAR

TEXT AVAILABILITY

Abstract
 Free full text

Mismatch repair deficiency predicts response of solid tumors to PD-1 blockade.
Le DT, Durham JN, Smith KN, Wang H, Bartlett BR, Aulakh LK, Lu S, Kemberling H, Wilt C, Lubner BS, Wong F, Azad NS, Rucki AA, Laheru D, Donehower R, Zaheer A, Fisher GA, Crocenzi TS, Lee JJ, Greten TF, Duffy AG, Ciombor KK, Eyring AD, Lam BH, Joe A, Kang SP, Holdhoff M, Danilova L, Cope L, Meyer C, Zhou S, Goldberg RM, Armstrong DK, Bever KM, Fader AN, Taube J, Housseau F, Spetzler D, Xiao N, Pardoll DM, Papadopoulos N, Kinzler KW, Eshleman JR, Vogelstein B, Anders RA, Diaz LA Jr. Science. 2017 Jul 28;357(6349):409-413. doi: 10.1126/science.aan6733. Epub 2017 Jun 8. PMID: 28596308 Free PMC article. Clinical Trial.

The genomes of cancers deficient in mismatch repair contain exceptionally high numbers of somatic mutations. In a proof-of-concept study, we previously showed that colorectal cancers with mismatch repair deficiency were sensitive to immune checkpoint blockade with antibody ...

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Before We Go

Questions

- Unmute your mic and ask
- Drop it in the chat
- Ask me later:
ajmeador1@mdanderson.org

Get Help

- Monday-Friday, 8:00 a-6:00 p
- RML-Help@mdanderson.org
- 713-792-2282
- Virtual Consult



Thanks!

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