

آشنایی با پایگاه



برخی سوالات متداول:

- ❖ PubMed چیست و چه تفاوتی با Medline دارد؟
- ❖ PubMed چه تفاوتی با پایگاههای استنادی (ISI / Scopus) دارد ؟
- ❖ PubMed چه تفاوتی با موتورهای جستجوی علمی نظیر گوگل اسکولار دارد ؟
- ❖ چگونه می توان از نمایه شدن یک مجله در PubMed اطمینان حاصل کرد؟
- ❖ چگونه می توان از امکانات شخصی سازی شده در PubMed استفاده کرد؟
- ❖ آیا امکان جستجوی انواع مقالات در PubMed وجود دارد؟
- ❖ آیا امکان دسترسی به متن کامل مقالات PubMed برای کاربران دانشگاه وجود دارد؟
- ❖ Mesh چیست و استفاده از آن چه مزیتی دارد؟

پایگاه PUBMED

- ❖ درگاه اینترنتی کتابخانه ملی پزشکی آمریکا (NLM) برای دسترسی رایگان به مدلاین است.
- ❖ حاوی ۲۵ میلیون مقاله در حوزه های پزشکی، پرستاری، علوم پایه و سایر حوزه های پیراپزشکی است.
- ❖ یک نمایه نامه معتبر برای مقالات پزشکی است
- ❖ اکثر مقالات نمایه شده در آن بر اساس Mesh توصیف و تگ گذاری شده اند
- ❖ ناشر نیست و متن کامل مقالات را هم در خود ندارد

تفاوت PUBMED و MEDLINE: در چیست ؟

PubMed?	Medline?
<ul style="list-style-type: none"> • Online version of Index Medicus produced by the US National Library of Medicine (NLM). • Freely available on the Internet. 	<ul style="list-style-type: none"> • A subset of PubMed (actually about 98%) made available by NLM • Available by subscription through a number of interfaces. (Ovid. Ebsco, ...)
Coverage of PubMed	Coverage of Medline
<ul style="list-style-type: none"> • Back to 1966 and selectively to 1809. • Contains over 25 million records. • In addition to Medline, PubMed contains: <ul style="list-style-type: none"> • 'in process' citations • some older citations • citations to non-medical journals • citations to eBooks • Some free full text (PubMed Central) • Subject coverage = medical, biomedical & life sciences. 	<ul style="list-style-type: none"> • Back to 1946. • Contains over 22 million records • from 5,600 mainly US journals. • Some full text and 'Find it @ WNHS' links. • Subject coverage = medical & biomedical sciences.

تفاوت PUBMED با پایگاه SCOPUS چیست؟

Characteristic	Pub Med	Scopus
No. of journals	5600 (827 open access)	18000 (500 open access)
Records	25,000,000	50,000,000
Languages	English + 56 other langs.	English + 30 other langs.
Focus (field)	Core clinical, dental, nursing, biomedicine, medicine, bioethics, space, life sciences	Physical sciences, health sciences, life sciences, social sciences ...
Period covered	1950–present	1966–present
Databases covered	Medline (1966–present), old Medline (1950–1965), PubMed Central, Other NLM databases	Medline, Embase, Compendex, World textile index, Fluidex, Geobase
Updating	Daily	1–2 times weekly
Citation analysis	None	Citation of Scopus indexed Journals

تفاوت PUBMED با پایگاه ISI WOS چیست؟

Characteristic	Pub Med	Web of Science
No. of journals	5600 (827 open access)	24700
Records	25,000,000	90,000,000
Languages	English + 56 other languages	English + 45 other languages)
Focus (field)	Core clinical, dental, nursing, biomedicine, medicine, history of medicine, bioethics, space, life sciences	Science, technology, social sciences, arts and humanities
Period covered	1950–present	1900–present
Databases covered	Medline (1966–present), old Medline (1950–1965), PubMed Central, Other NLM databases	Science citation index expanded, social sciences citation index, arts and humanities citation index, index chemistry, current chemical reactions, Emerging Sources Citation Index
Uses	Links to related articles, links to full-text (5426 journals), links to free full text articles for a subset of journals (827 open access journals)	Links to full-text, links to related articles
Updating	Daily	Weekly
Citation analysis	None	As for Web of Science plus the total number of articles on a topic or by an individual author cited in other articles

تفاوت PubMed با Google scholar چیست ؟

Characteristic	Pub Med	Google Scholar
No. of journals	5600 (827 open access)	No data provided (theoretically all electronic resources)
Languages	English + 56 other languages)	English (plus any language)
Focus (field)	Core clinical, dental, nursing, biomedicine, medicine, history of medicine, bioethics, space, life sciences	All subjects
Period covered	1950-present	Theoretically all available electronically
Databases covered	Medline (1966-present), old Medline (1950-1965), PubMed Central, Other NLM databases	PubMed, OCLC First Search
Uses	Links to related articles, links to full-text (5426 journals), links to free full text articles for a subset of journals (827 open access journals)	Links to full-text articles, free full-text articles, links to journals, links to related articles, links to libraries
Updating	Daily	Monthly on average
Citation analysis	None	Next to each paper listed is a "cited by" link; clicking on this link shows the citation analysis

اکانت شخصی در PubMed چگونه ایجاد می شود؟

The screenshot displays the My NCBI dashboard with the following components:

- Search NCBI databases:** A search bar with "PubMed" selected in the dropdown menu.
- Saved Searches:** A list of saved searches including "medical equipm...", "diabetes and ret...", and "diabetes".
- Collections:** A section for managing collections, listing "PubMed Searches" and "My Bibliography".
- My Bibliography:** A section showing a list of recent citations, including a paper by Poirier A, Gendron M, Vrieux J, et al. (2016) titled "The impact of sleep restriction on typically developing children".
- Recent Activity:** A table showing recent search and record activities.

Time	Database	Type	Term
17-Apr-2016	Books	search	list journals
17-Apr-2016	Books	search	pubmed journals
17-Apr-2016	Books	record	PubMed Help - PubMed Help
16-Apr-2016	PMC	record	Letter: Half-life of medical knowle...
05-Jan-2016	PubMed	search	"Standards of Medical Care in Diabe...
05-Jan-2016	PubMed	search	Standards of Medical

چگونه از نمایه شدن یک مجله در PubMed مطمئن شویم؟

Cancer Epidemiology, Biomarkers & Prevention

Home | OnlineFirst | Current Issue | Past Issues | Subscriptions | Alerts | Feedback | AACR Publications | CME | AACR Home

User Name
User Name
Password
***** LOG-IN

Search CEBP
Advanced Search

Cancer Epidemiology, Biomarkers & Prevention
Translating Science to Populations

NEW! SCIENTIFIC PUBLISHING & EDITORIAL

• New! CEBP Must Read
• View the Most-Cited Articles of CEBP
• Visit the CEBP Social Content Archive

View OnlineFirst Articles ::
New articles posted May 19, 2016

View Current Issue ::
May 2016

Browse Past Issues ::
November 1991 - May 2016

Search for Articles ::
November 1991 - May 2016

In This Issue

- TMPRSS2-ERG Gene Fusions and Prostate Cancer Subtype
- Barrett's Esophagus Risk Model
- Polyomavirus and Skin Cancer Risk
- Residential Influences on Lung Cancer Survival

For an alternate route to Cancer Epidemiology, Biomarkers &

- About the Journal
- Instructions for Authors/Editorial Policies
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- Author Services Center
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- Information for Subscribers
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- Information for Librarians
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- E-mail Alerts & RSS Feeds [Free]
- Feedback

چگونه جستجوی موثری در PUBMED انجام دهیم و متن کامل مقالات را بیابیم؟

NCBI Resources How To Sign in to NCBI

PubMed Home More Resources Help

PubMed Advanced Search Builder

Filters activated: Full text Clear all

Use the builder below to create your search

Edit Clear

Builder

All Fields Show index list

AND All Fields Show index list

Search or Add to history

History Download history Clear history

Search	Add to builder	Query	Items found	Time
#5	Add	Search diabetes Filters: Full text	395017	16:14:02
#1	Add	Search diabetes	547892	15:48:21

Advertise H-type natriuretic peptide Cardiovascular disease Prognosis Risk

کاربرد (MESH (MEDICAL SUBJECT HEADING) چگونه است؟

اغلب در دو حالت استفاده از سرعنوانهای پزشکی Mesh موثر است:

۱- برای انتخاب کلیدواژه های پذیرفته شده برای مقالات پزشکی و پیراپزشکی در زمان انتشار

۲- برای بازیابی مقالات بر اساس کلیدواژه های استاندارد و پذیرفته شده

نکته : Mesh ابزار جستجوی مقالات بر اساس محتوا و موضوع آنهاست و نتایج جستجو در آن شامل موضوعات Mesh است.

MESH (MEDICAL SUBJECT HEADING)

The screenshot shows the PubMed search interface. The search query is "Diabetes Mellitus"[Mesh]. The results are sorted by Most Recent, showing 1 to 20 of 221483 items. The first four results are listed below:

- 1. Infections in Early Life and Development of Type 1 Diabetes.**
Beyerlein A, Donnachie E, Jergens S, Ziegler AG.
JAMA. 2016 May 3;315(17):1899-901. doi: 10.1001/jama.2016.2181. No abstract available.
PMID: 27139064
[Similar articles](#)
- 2. Relationship between CD4+ CD28null T cell and atherosclerosis progression in patients with type 2 diabetes.**
Gao Z, Qiu X, Tang K, Chen L, Zhou J.
Zhonghua Yi Xue Za Zhi. 2015 Dec 19;95(48):3899-902. doi: 10.3760/cma.j.issn.0376-2491.2015.48.005. Chinese.
PMID: 27122209
[Similar articles](#)
- 3. In silico diabetology.**
Dió M, Deusch T, Mészáros J, Orv Héll. 2016 Feb 7;157(6):219-23. doi: 10.1556/650.2016.30367. Hungarian.
PMID: 27120723
[Similar articles](#)
- 4. Beat diabetes: an urgent call for global action.**
[No authors listed]
Lancet. 2016 Apr 9;387(10027):1483. doi: 10.1016/S0140-6736(16)30185-4. Epub 2016 Apr 7. No abstract available.
PMID: 27115957
[Similar articles](#)

Additional features visible in the screenshot include a sidebar with filters (Article types, Publication dates, Species, Languages, Sex, Subjects), a "Results by year" bar chart, and a "Titles with your search terms" section.

سایر امکانات موجود در PUBMED :

- ❖ امکان ارسال نتایج جستجو از طریق ایمیل
- ❖ امکان ارسال نتایج جستجو به نرم افزارهای Reference Manager
- ❖ ایجاد لیست شخصی از نتایج جستجو
- ❖ امکان ایجاد فیلترهای اختصاصی جستجو در محیط کاربری شخصی
- ❖ امکان درج نظرات انتقادی در بخش PubMed Common
- ❖ امکان ذخیره RSS صفحه نتایج جستجو برای مشاهده جدیدترین مقالات نمایه شده در آینده
- ❖ امکان ایجاد Email Notification Alert و دریافت آخرین مقالات از طریق Email
- ❖

The screenshot displays the PubMed website interface. At the top, there is a navigation bar with 'NCBI Resources' and 'How To' links. Below this is the 'PubMed.gov' logo and a search bar containing 'PubMed' with a search button. The main content area features a 'PubMed' banner with a description of the database and a 'PubReader' section. Below the banner are three columns of links: 'Using PubMed', 'PubMed Tools', and 'More Resources'. At the bottom, there is a footer with a breadcrumb trail and several categorized sections: 'GETTING STARTED', 'RESOURCES', 'POPULAR', 'FEATURED', and 'NCBI INFORMATION'.

NCBI Resources How To

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

PubMed [Advanced] Search

PubMed
PubMed comprises more than 22 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.

PubReader
A whole new way to read scientific literature at PubMed Central

Using PubMed

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

PubMed Tools

- [PubMed Mobile](#)
- [Single Citation Matcher](#)
- [Batch Citation Matcher](#)
- [Clinical Queries](#)
- [Topic-Specific Queries](#)

More Resources

- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
- [E-Utilities](#)
- [LinkOut](#)

You are here: NCBI > Literature > PubMed

GETTING STARTED

- [NCBI Education](#)
- [NCBI Help Manual](#)
- [NCBI Handbook](#)

RESOURCES

- [Chemicals & Bioassays](#)
- [Data & Software](#)
- [DNA & RNA](#)

POPULAR

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

FEATURED

- [Genetic Testing Registry](#)
- [PubMed Health](#)
- [GenBank](#)


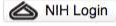
NCBI INFORMATION

- [About NCBI](#)
- [Research at NCBI](#)
- [NCBI Newsletter](#)

NCBI Resources How To

Sign in to NCBI

Sign in with

eRA Commons users should sign in via the NIH Login
[See more 3rd party sign in options](#)

OR

Sign in directly to NCBI

NCBI Username:

Password:

[Forgot NCBI username or password?](#)
[Register for an NCBI account](#)

Keep me signed in unless I sign out
 (Leave unchecked on public computers)

My NCBI retains user information and database preferences to provide customized services for many NCBI databases.

[YouTube](#) [My NCBI Overview](#)

My NCBI features include:

- Save searches & automatic e-mail alerts
- Display format preferences
- Filter options
- My Bibliography & NIH public access policy compliance
- Highlighting search terms
- Recent activity searches & records for 6 months
- LinkOut, document delivery service & outside tool selections

NIH funded investigator?

Extramural NIH-funded investigators looking for NIH Public Access Compliance tools should sign in using the "NIH Login" button. Use your eRA Commons credentials on the subsequent sign in page. Once signed in, navigate to the My Bibliography section.

Documentation for using these features is located in the [Managing Compliance to the NIH Public Access Policy](#) section of the NCBI Help Manual.

Information about the NIH Public Access Policy is located at <http://publicaccess.nih.gov>

NCBI Resources How To

Register for an NCBI Account

Skip registration by using a 3rd party sign in

* required information Europe PMC Funders Group grantees

Select a username and password

Username: * This account name is currently unavailable.

Password: *

Repeat password: *

Contact information


E-mail: *

In case you forget your password

Please provide a question and answer that you can use to unlock your account:

Question:

Answer: *

Please type the following characters: * 

NCBI Resources How To hroumand My NCBI

My NCBI Customize this page | NCBI Site Preferences | Video Overview

Search NCBI databases

Search : PubMed

Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.

Saved Searches

Search Name	What's New	Last Searched
PubMed Searches		
"Life Style"[Mesh]	63	last month
fatty liver	172	last month
learning styles	26	2 months ago
learning styles	26	2 months ago
search for blood pressure	847	last year

[Manage Saved Searches >](#)

My Bibliography

Your bibliography contains **10 items**.

Share your bibliography with this URL:
<http://www.ncbi.nlm.nih.gov/sites/myncbi/collections/public/1x1awS8ec6et25o-VWvQ9wTCkk/?sort=date&direction=ascending>

Most recent citations:

Casali CI, Weber K, Favale NO, Tome MC. [Environmental hyperosmolality regulates phospholipid biosynthesis in the renal epithelial cell line MDCK](#). J Lipid Res. 2013 Mar;54(3):877-91. doi: 10.1194/jlr.M031500. Epub 2012 Dec 26. PubMed PMID: 23269393.

Bauer EM, Shapiro R, Zheng H, Ahmad F, Ishizawa D, Comhair SA, Erzurum SC, Billiar TR, Bauer PM. [High mobility group box 1 contributes to the pathogenesis of experimental pulmonary hypertension via activation of Toll-like receptor 4](#). Mol Med. 2013 Feb 8;18:1509-18. doi: 10.2119/molmed.2012.00283. PubMed PMID: 23269975; PubMed Central PMCID: PMC3576475.

Lackland DT. [Hypertension: Joint National Committee on Detection, Evaluation, and Treatment of High Blood Pressure guidelines](#). Curr Opin Neurol. 2013 Feb;26(1):8-12. doi: 10.1097/WCO.0b013e32835c4f54. PubMed PMID: 23241566.

Collections

Collection Name	Items	Settings/Sharing	Type
Favorites	edit 4	Private	Standard
My Bibliography	edit 10	Public	Standard
Other Citations	edit 2	Private	Standard
diabetes	edit 3	Private	PubMed
hypertension	edit 8	Private	PubMed

[Manage Collections >](#)

Search NCBI databases

Search : PubMed

- dbGaP
- dbVar
- Epigenomics
- Gene
- GEO DataSets
- GEO Profiles
- HomoloGene
- MedGen
- MeSH
- NCBI Web Site
- NLM Catalog
- OMIA
- OMIM
- PMC
- PopSet
- Probe
- Protein Clusters
- PubChem BioAssay

but any terms listed in the search box will transport you to

My Bib

Your bit

Share y

<http://www.ncbi.nlm.nih.gov/sites/myncbi/collections/public/1x1awS8ec6et25o-VWvQ9wTCkk/?sort=date&direction=ascending>

Most re

Simple search:

NCBI Resources How To Sign In

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

PubMed pediatrics Search

Advanced

PubMed
PubMed comprises more than 23 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.

PubMed Commons
PubMed's new commenting system
More

Using PubMed
[PubMed Quick Start Guide](#)
[Full Text Articles](#)

PubMed Tools
[PubMed Mobile](#)
[Single Citation Matcher](#)

More Resources
[MeSH Database](#)
[Journals in NCBI Databases](#)

Simple search suggestions:

Resources How To

PubMed.gov
National Library of Medicine
National Institutes of Health

PubMed diabetes

2 diabetes
diabetes
diabetes mellitus
type 2 diabetes
1 diabetes
type 1 diabetes
gestational diabetes
diabetes type
diabetes type 2
diabetes insipidus
2 diabetes mellitus
diabetes review
diabetes type 1
diabetes mellitus type
diabetes care
disease diabetes
diabetes prevention
diabetes insulin
type 2 diabetes mellitus
diabetes children

PubMed
PubMed comprises more than 23 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.

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[FAQs](#)
[Tutorials](#)
[Getworthy](#)

Results:

NCBI Resources How To PubMed My NCBI Sign Out

US National Library of Medicine National Institutes of Health

PubMed diabetes Search

Display Settings: Summary, 20 per page, Sorted by Recently Added

Results: 1 to 20 of 432467

Filter your results: All (432467)

- stem cell (in Title) (397)
- education Title (216)
- methods or preparation or (50)
- dentistry (3253)

Manage Filters

Results by year

Download CSV

Related searches

- diabetes mellitus
- type 1 diabetes
- gestational diabetes
- diabetes type 2
- diabetes insipidus

Titles with your search terms

Reduction in the incidence of type 2 diabetes with lifestyle intervention or [N Engl J Med. 3002]

1. [Decision support system for diabetic retinopathy using discrete wavelet transform.](#)
Noronha K, Acharya UR, Nayak KP, Kamath S, Bhandary SV. Proc Inst Mech Eng H. 2013 Mar;227(3):251-61. PMID: 23662341 [PubMed - in process]

2. [Natural Polyphenols Inhibit Lysine-Specific Demethylase-1 *in vitro*.](#)
Abdulla A, Zhao X, Yang F. J Biochem Pharmacol Res. 2013 Mar 1;1(1):56-63. PMID: 23662249 [PubMed]

3. [Improved outcome of severe acute pancreatitis in the intensive care unit.](#)
Pavlidis P, Crichton S, Lemmich Smith J, Morrison D, Atkinson S, Wyncoll D, Ostermann M. Crit Care Res Pract. 2013;2013:897107. doi:10.1155/2013/897107. Epub 2013 Feb 21. PMID: 23662207 [PubMed - in process]

4. [An Aqueous Extract of Radix Astragali, Angelica sinensis, and Panax notoginseng Is Effective in Preventing Diabetic Retinopathy.](#)
Gao D, Guo Y, Li X, Li X, Li Z, Xue M, Ou Z, Liu M, Yang M, Liu S, Yang S. Evid Based Complement Alternat Med. 2013;2013:578165. doi:10.1155/2013/578165. Epub 2013 Apr 8. PMID: 23662142 [PubMed - in process]

5. [Rhinacanthus nasutus Ameliorates Cytosolic and Mitochondrial Enzyme Levels in Streptozotocin-Induced Diabetic Rats.](#)
Visweswara Rao P, Madhavi K, Dhananjaya Naidu M, Gan SH. Evid Based Complement Alternat Med. 2013;2013:486047. doi:10.1155/2013/486047. Epub 2013 Apr 9. PMID: 23662138 [PubMed - in process]

Display setting:

NCBI Resources How To PubMed My NCBI Sign Out

US National Library of Medicine National Institutes of Health

PubMed diabetes Search

Display Settings: Summary, 20 per page, Sorted by Recently Added

Format Items per page Sort by

- Summary 5 Recently Added
- Summary (text) 10 Pub Date
- Abstract 20 First Author
- Abstract (text) 50 Last Author
- MEDLINE 100 Journal
- XML 200 Title
- PMID List

Apply

Filter your results: All (432467)

- stem cell (in Title) (397)
- education Title (216)
- methods or preparation or (50)
- dentistry (3253)

Manage Filters

Results by year

Download CSV

Related searches

- diabetes mellitus
- type 1 diabetes
- gestational diabetes
- diabetes type 2
- diabetes insipidus

2. [Abdulla A, Zhao X, Yang F.](#)
J Biochem Pharmacol Res. 2013 Mar 1;1(1):56-63. PMID: 23662249 [PubMed]

3. [Improved outcome of severe acute pancreatitis in the intensive care unit.](#)
Pavlidis P, Crichton S, Lemmich Smith J, Morrison D, Atkinson S, Wyncoll D, Ostermann M. Crit Care Res Pract. 2013;2013:897107. doi:10.1155/2013/897107. Epub 2013 Feb 21. PMID: 23662207 [PubMed - in process]

4. [An Aqueous Extract of Radix Astragali, Angelica sinensis, and Panax notoginseng Is Effective in Preventing Diabetic Retinopathy.](#)
Gao D, Guo Y, Li X, Li X, Li Z, Xue M, Ou Z, Liu M, Yang M, Liu S, Yang S. Evid Based Complement Alternat Med. 2013;2013:578165. doi:10.1155/2013/578165. Epub 2013 Apr 8. PMID: 23662142 [PubMed - in process]

5. [Rhinacanthus nasutus Ameliorates Cytosolic and Mitochondrial Enzyme Levels in Streptozotocin-](#)

Display setting:

Format

 Summary

 Summary (text)

 Abstract

 Abstract (text)

 MEDLINE

 XML

 PMID List

Results: 1 to 20 of 464871

<< First < Prev Page 1 of 23244 Next > Last >>

- [Effectiveness of implantable cardioverter defibrillators for primary prevention of sudden cardiac death in subgroups a systematic review.](#)
 1. Earley A, Persson R, Garlitski AC, Balk EM, Uhlig K. Ann Intern Med. 2014 Jan 21;160(2):111-21. PMID: 24592496 [PubMed - in process] [Related citations](#)
- [Adaptive calibration algorithm for plasma glucose estimation in continuous glucose monitoring.](#)
 2. Barcelo-Rico F, Diez JL, Rossetti P, Vehi J, Bondia J. IEEE J Biomed Health Inform. 2013 May;17(3):530-8. PMID: 24592455 [PubMed - in process] [Related citations](#)
- [Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats.](#)
 3. Clark M, Thomaseth K, Dirikolu L, Ferguson DC, Hoenig M. J Vet Intern Med. 2014 Jan-Feb;28(1):166-74. PMID: 24592408 [PubMed - in process] [Related citations](#)
- [Genetic and Pharmacologic Models for Type 1 Diabetes.](#)
 4. Leiter EH, Schile A. Curr Protoc Mouse Biol. 2013 Mar 1;3(1):9-19. PMID: 24592352 [PubMed] [Related citations](#)

Display setting:

Format

 Summary

 Summary (text)

 Abstract

 Abstract (text)

 MEDLINE

 XML

 PMID List

- 1: Earley A, Persson R, Garlitski AC, Balk EM, Uhlig K. Effectiveness of implantable cardioverter defibrillators for primary prevention of sudden cardiac death in subgroups a systematic review. Ann Intern Med. 2014 Jan 21;160(2):111-21. PubMed PMID: 24592496.
- 2: Barcelo-Rico F, Diez JL, Rossetti P, Vehi J, Bondia J. Adaptive calibration algorithm for plasma glucose estimation in continuous glucose monitoring. IEEE J Biomed Health Inform. 2013 May;17(3):530-8. PubMed PMID: 24592455.
- 3: Clark M, Thomaseth K, Dirikolu L, Ferguson DC, Hoenig M. Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats. J Vet Intern Med. 2014 Jan-Feb;28(1):166-74. PubMed PMID: 24592408.
- 4: Leiter EH, Schile A. Genetic and Pharmacologic Models for Type 1 Diabetes. Curr Protoc Mouse Biol. 2013 Mar 1;3(1):9-19. PubMed PMID: 24592352.
- 5: Gomez DL, Shulman DI. Hyperparathyroidism two years after radioactive iodine therapy in an adolescent male. Case Rep Pediatr. 2014;2014:163848. doi: 10.1155/2014/163848. Epub 2014 Jan 30. PubMed PMID: 24592349.
- 6: Thakkar A, Kannan S, Hamrahian A, Prayson RA, Weil RJ, Faiman C. Testicular "hyperstimulation" syndrome: a case of functional gonadotropinoma. Case Rep Endocrinol. 2014;2014:194716. doi: 10.1155/2014/194716. Epub 2014 Jan 28. PubMed PMID: 24592337.

Display setting:

Format

- Summary
- Summary (text)
- Abstract
- Abstract (text)
- MEDLINE
- XML
- PMID List

[Curr Protoc Mouse Biol.](#) 2013 Mar 1;3(1):9-19.

4. **Genetic and Pharmacologic Models for Type 1 Diabetes.**

[Leiter EH, Schile A](#)

Author information

Abstract

Type 1 diabetes (T1D) is characterized by a partial or total insufficiency of insulin. The premiere animal model of autoimmune T cell-mediated T1D is the NOD mouse. A dominant negative mutation in the mouse insulin 2 gene (*Ins2^{Akita}*) produces a severe insulin deficiency syndrome without autoimmune involvement, as do a variety of transgenes overexpressed in beta cells. Pharmacologically-induced T1D (without autoimmunity) elicited by alloxan or streptozotocin at high doses can generate hyperglycemia in almost any strain of mouse by direct toxicity. Multiple low doses of streptozotocin combine direct beta cell toxicity with local inflammation to elicit T1D in a male sex-specific fashion. A summary of protocols relevant to the management of these different mouse models will be covered in this overview.

KEYWORDS: NOD, alloxan, beta cells, diabetes, mice, streptozotocin

PMID: 24592352 [PubMed]

[Related citations](#)

[Case Rep Pediatr.](#) 2014;2014:163848. doi: 10.1155/2014/163848. Epub 2014 Jan 30.

5. **Hyperparathyroidism two years after radioactive iodine therapy in an adolescent male.**

[Gomez DL, Shulman DI](#)

Author information

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4. [Curr Protoc Mouse Biol.](#) 2013 Mar 1;3(1):9-19.

Genetic and Pharmacologic Models for Type 1 Diabetes.

Leiter EH, Schile A.

Author information:

The Jackson Laboratory, 600 Main Street, Bar Harbor, ME 04609, Tel: 207-288-6370, FAX: 207-288-6077.

Type 1 diabetes (T1D) is characterized by a partial or total insufficiency of insulin. The premiere animal model of autoimmune T cell-mediated T1D is the NOD mouse. A dominant negative mutation in the mouse insulin 2 gene (*Ins2^{Akita}*) produces a severe insulin deficiency syndrome without autoimmune involvement, as do a variety of transgenes overexpressed in beta cells. Pharmacologically-induced T1D (without autoimmunity) elicited by alloxan or streptozotocin at high doses can generate hyperglycemia in almost any strain of mouse by direct toxicity. Multiple low doses of streptozotocin combine direct beta cell toxicity with local inflammation to elicit T1D in a male sex-specific fashion. A summary of protocols relevant to the management of these different mouse models will be covered in this overview.

PMID: 24592352 [PubMed]

5. [Case Rep Pediatr.](#) 2014;2014:163848. doi: 10.1155/2014/163848. Epub 2014 Jan 30.

Hyperparathyroidism two years after radioactive iodine therapy in an adolescent male.

Gomez DL, Shulman DI.

Author information:

University of South Florida Diabetes Center, Department of Pediatrics, University

Display setting:

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STAT- In-Process
DA - 20140303
IS - 1539-3704 (Electronic)
IS - 0003-4819 (Linking)
VI - 160
IP - 2
DP - 2014 Jan 21
TI - Effectiveness of implantable cardioverter defibrillators for primary prevention
of sudden cardiac death in subgroups a systematic review.
PG - 111-21
AB - BACKGROUND: Previous systematic reviews of implantable cardioverter
defibrillators (ICDs) used for primary prevention of sudden cardiac death (SCD)
concluded that ICDs are less effective in women and the elderly. PURPOSE: To
examine ICD effectiveness for primary prevention of SCD across subgroups by sex,
age, New York Heart Association class, left ventricular ejection fraction, heart
failure, left bundle branch block, QRS interval, time since myocardial
infarction, blood urea nitrogen level, and diabetes. DATA SOURCES: MEDLINE and
the Cochrane Central Register of Controlled Trials through 3 September 2013 with
no language restriction. STUDY SELECTION: Researchers screened articles for
studies comparing ICD versus no ICD for primary prevention. Data Extraction: Data
were extracted about study design, patients, interventions, mortality and SCD
outcomes, subgroup characteristics, and subgroup effects. Quality of subgroup
analyses was determined by consensus. Relative odds ratios comparing subgroup
effects were calculated, and random-effects model meta-analyses were conducted on
these ratios. DATA SYNTHESIS: Meta-analysis of 14 studies showed a decrease in
deaths and SCDs due to ICD treatment. Ten studies provided subgroup analyses.
Nine studies compared ICD versus no ICD, whereas one compared cardiac
resynchronization therapy plus a defibrillator versus no ICD. Within-study
interaction tests and across-study meta-analyses yielded weak evidence that did
not show differences for all-cause mortality in subgroups by sex, age, and QRS
interval. The evidence was indeterminate for other evaluated subgroups because of
a paucity of data. LIMITATION: Many subgroup analyses were underpowered, which

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| | 24591853 |

Results Details:

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- [Decision support system for diabetic retinopathy using discrete wavelet transform.](#)
1. Noronha K, Acharya UR, Nayak KP, Kamath S, Bhandary SV.
Proc Inst Mech Eng H. 2013 Mar;227(3):251-61.
PMID: 23662341 [PubMed - in process]
 2. [Natural Polyphenols Inhibit Lysine-Specific Demethylase-1 *in vitro*.](#)
Abdulla A, Zhao X, Yang F.
J Biochem Pharmacol Res. 2013 Mar 1;1(1):56-63.
PMID: 23662249 [PubMed]
 3. [Improved outcome of severe acute pancreatitis in the intensive care unit.](#)
Pavlidis P, Crichton S, Lemmich Smith J, Morrison D, Atkinson S, Wyncoll D, Ostermann M.
Crit Care Res Pract. 2013;2013:897107. doi: 10.1155/2013/897107. Epub 2013 Feb 21.
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JAMA Ophthalmol. 2013 Feb;131(2):139-45.

Ranibizumab for edema of the macula in diabetes study: 3-year outcomes and the need for prolonged frequent treatment.

Do DV, Nauwen QD, Khawaja AA, Channa R, Sepah YJ, Sophie R, Hafiz G, Campochiaro PA; READ-2 Study Group.

Collaborators (101)

Wilmer Eye Institute, The Johns Hopkins University School of Medicine, 600 N Wolfe St, Baltimore, MD 21287, USA.

Abstract

OBJECTIVE: To assess the benefit of increased follow-up and treatment with ranibizumab between months 24 and 36 in the Ranibizumab for Edema of the Macula in Diabetes (READ-2) Study.

DESIGN: Prospective, interventional, multicenter follow-up of a randomized clinical trial.

METHODS: Patients who agreed to participate between months 24 and 36 (ranibizumab, 28 patients; laser, 22; and ranibizumab + laser, 24) returned monthly and received ranibizumab, 0.5 mg, if foveal thickness (FTH, center subfield thickness) was 250 μ m or greater. Main outcome measures were improvement in best-corrected visual acuity (BCVA) and reduction in FTH between months 24 and 36.

RESULTS: Mean improvement from the baseline BCVA in the ranibizumab group was 10.3 letters at month 36 vs 7.2 letters at month 24 (ABCVA letters = 3.1, $P = .009$), and FTH at month 36 was 282 μ m vs 352 μ m at month 24 (Δ FTH = 70 μ m, $P = .006$). Changes in BCVA and FTH in the laser group (-1.6 letters and -36 μ m, respectively) and the ranibizumab + laser group (+2.0 letters and -24 μ m) were not statistically significant. The mean number of ranibizumab injections was significantly greater in the ranibizumab group compared with the laser group (5.4 vs 2.3 injections, $P = .008$) but not compared with the ranibizumab + laser group (3.3, $P = .11$).

CONCLUSIONS: More aggressive treatment with ranibizumab during year 3 resulted in a reduction in mean FTH and improvement in BCVA in the

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Ranibizumab for Edema of the Macula in Diabetes Study: 3-Year [Arch Ophthalmol. 2012]

A 2-year prospective randomized controlled trial of intravitreal bevacizumab [Arch Ophthalmol. 2012]

Intravitreal ranibizumab for diabetic macular edema with prompt versus [Ophthalmology. 2012]

Review Anti-vascular endothelial growth factor for macular [Cochrane Database Syst Rev. 2013]

Review Intravitreal ranibizumab (lucentis) for the treatment of diabetic macul [Curr Eye Res. 2012]

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CONCLUSIONS: More aggressive treatment with ranibizumab during year 3 resulted in a reduction in mean FTH and improvement in BCVA in the ranibizumab group. More extensive focal/grid laser therapy in the other 2 groups may have reduced the need for more frequent ranibizumab injections to control edema.

APPLICATION TO CLINICAL PRACTICE: Long-term visual outcomes for treatment of diabetic macular edema with ranibizumab are excellent, but many patients require frequent injections to optimally control edema and maximize vision.

TRIAL REGISTRATION: clinicaltrials.gov Identifier: NCT00407381

PMID: 23544200 [PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances, Secondary Source ID

Publication Types

Clinical Trial, Phase II
Comparative Study
Multicenter Study
Randomized Controlled Trial
Research Support, Non-U.S. Gov't

MeSH Terms

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Angiogenesis Inhibitors/therapeutic use*
Antibodies, Monoclonal, Humanized/therapeutic use*
Combined Modality Therapy
Diabetes Mellitus, Type 1/complications
Diabetes Mellitus, Type 2/complications
Diabetic Retinopathy/drug therapy
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the macula in diabetes study: 3-year outcomes and the need for prolonged frequent

[na R, Sepah YJ, Sophie R, Hafiz G, Campochiaro PA; READ-2 Study Group.](#)

iversity School of Medicine, 600 N Wolfe St, Baltimore, MD 21287, USA.

of increased follow-up and treatment with ranibizumab between months 24 and 36 in the Ranibizumab for Edema Study.

I, multicenter follow-up of a randomized clinical trial.

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treatment with ranibizumab during year 3 resulted in a reduction in mean FTH and improvement in BCVA in the focal/irid laser therav in the other 2 groups may have reduced the need for more frequent ranibizumab injections

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[Intravitreal ranibizumab for diabetic macular edema with prompt versus \[Ophthalmology. 2012\]](#)

[Review Anti-vascular endothelial growth factor for macular \[Cochrane Database Syst Rev. 2013\]](#)

[Review Intravitreal ranibizumab \(Lucentis\) for the treatment of diabetic macul \[Curr Eye Res. 2012\]](#)

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Recent Activity:

Support system for diabetic retinopathy using discrete wavelet transform.

Arava UR, Nayak KP, Kamath S, Bhandary SV.

Electronics & Communication, Manipal Institute of Technology, Manipal, India. kevinurkai@yahoo.co.in

Diagnosis of the diabetes may affect the tiny blood vessels of the retina causing diabetic retinopathy. Routine eye screening of patients with diabetes to detect diabetic retinopathy at the early stage. It is very laborious and time-consuming for the doctors to go through many fundus images manually. Therefore, decision support system for diabetic retinopathy detection can reduce the burden of the ophthalmologists. In this study, we used discrete wavelet transform and support vector machine classifier for automated detection of normal and diabetic retinopathy. Discrete wavelet-based decomposition was performed up to the second level, and eight energy features were extracted. Two energy features from the detail coefficients of two levels and six energy values from the details in three orientations (horizontal, vertical and diagonal) were used. These features were fed to the support vector machine classifier with various kernel functions (linear, radial basis function, polynomial of order 3) to evaluate the highest classification accuracy. We obtained the highest average classification accuracy, sensitivity and specificity of 95% with support vector machine classifier (polynomial kernel of order 3) using three discrete wavelet transform features. We have also integrated index called Diabetic Retinopathy Risk Index using clinically significant wavelet energy features to identify normal and diabetic retinopathies using just one number. We believe that this (Diabetic Retinopathy Risk Index) can be used as an adjunct tool by the doctors for screening to cross-check their diagnosis.

The screenshot shows the 'Recent activity' sidebar in PubMed. It includes a 'Turn Off' and 'Clear' link. The search history contains the following items:

- Ranibizumab for edema of the macula in diabetes study: 3-year outcomes and PubMed
- 23544200[uid] (1) PubMed
- Decision support system for diabetic retinopathy using discrete wavelet transform PubMed
- diabetes (432467) PubMed
- "Life Style"[Mesh] AND (Female[MeSH Terms]) (35888) PubMed

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OBJECTIVE: To examine ICD effectiveness for primary prevention of SCD across subgroups of sex, age, New York Heart Association class, left ventricular ejection fraction, heart failure, left bundle branch block, QRS interval, time since myocardial infarction, blood urea nitrogen level, and diabetes.

DATA SOURCES: MEDLINE and the Cochrane Central Register of Controlled Trials through 3 September 2013 with no language restriction.

STUDY SELECTION: Researchers screened articles for studies comparing ICD versus no ICD for primary prevention. Data Extraction: Data were extracted about study design, patients, interventions, mortality and SCD outcomes, subgroup characteristics, and subgroup effects. Quality of subgroup analyses was determined by consensus. Relative odds ratios comparing subgroup effects were calculated, and random-effects model meta-analyses were conducted on these ratios.

DATA SYNTHESIS: Meta-analysis of 14 studies showed a decrease in deaths and SCDs due to ICD treatment. Ten studies provided subgroup analyses. Nine studies compared ICD versus no ICD, whereas one compared cardiac resynchronization therapy plus a defibrillator versus no ICD. Within-study interaction tests and across-study meta-analyses yielded weak evidence that did not show differences for all-cause mortality in subgroups by sex, age, and QRS interval. The evidence was indeterminate for other evaluated subgroups because of a paucity of data.

LIMITATION: Many subgroup analyses were underpowered, which may have resulted in false-negative findings.

CONCLUSION: Weak evidence fails to show differences for all-cause mortality in subgroups of sex, age, and QRS interval. Evidence is indeterminate for all-cause mortality in the other subgroups and for SCD.

PRIMARY FUNDING SOURCE: Agency for Healthcare Research and Quality.

PMID: 24592496 [PubMed - in process]

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PLoS One, 2013 Nov 13;8(11):e80436. doi: 10.1371/journal.pone.0080436. eCollection 2013.

Role of exercise in the management of diabetes mellitus: the global scenario.

Thent ZC¹, Das S, Henry LJ.

Author information

Abstract

BACKGROUND: Exercise training programs have emerged as a useful therapeutic regimen for the management of type 2 diabetes mellitus (T2DM). Majority of the Western studies highlighted the effective role of exercise in T2DM. Therefore, the main aim was to focus on the extent, type of exercise and its clinical significance in T2DM in order to educate the clinicians from developing countries, especially in Asians.

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The conduct and reporting of this systematic review falls so far short of the standards and criteria covered by PRISMA for reporting (Moher D, 2009) and quality appraisal tools such as AMSTAR, that this review does not meet current expectations of a systematic review.

While conclusions about effectiveness are made, result data from the primary studies are not provided, nor are methods of data extraction and analysis discussed. Despite the large number of included trials, no meta-analyses of suitable data were performed and no reason for this was given.

What constituted exercise was not specified and the reason for excluding studies prior to 2000 is not given. The reasons for inclusion and exclusion of studies are not entirely clear: for example, studies were excluded because of concomitant drug therapy, which, while a reasonable criterion, was not included in their list. A full list or explanation of exclusions is not provided.

The search strategy as reported appears to be simplistic and does not include adequate search terms or key databases.

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Review Exercise interventions on health-MedGen

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[Effectiveness of implantable cardioverter defibrillators for primary prevention of sudden cardiac death in subgroups: a systematic review.](#)

1. Earley A, Persson R, Garlitski AC, Balk EM, Uhlig K. Ann Intern Med. 2014 Jan 21;160(2):111-21. PMID: 24592496 [PubMed - in process] [Related citations](#)

[Adaptive calibration algorithm for plasma glucose estimation in continuous glucose monitoring.](#)

2. Barcelo-Rico F, Diez JL, Rossetti P, Vehi J, Bondia J. IEEE J Biomed Health Inform. 2013 May;17(3):530-8. PMID: 24592455 [PubMed - in process] [Related citations](#)

[Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats.](#)

3. Clark M, Thomaseth K, Dirikolu L, Ferguson DC, Hoenig M. J Vet Intern Med. 2014 Jan-Feb;28(1):166-74. PMID: 24592408 [PubMed - in process] [Related citations](#)

[Genetic and Pharmacologic Models for Type 1 Diabetes.](#)

4. Leiter EH, Schile A. Curr Protoc Mouse Biol. 2013 Mar 1;3(1):9-19. PMID: 24592352 [PubMed] [Related citations](#)

Sex

- Female
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Subjects

- AIDS
- Cancer
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- Core clinical journals
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Ages

- Child: birth-18 years
- Infant: birth-23 months
- Adult: 19+ years
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Search fields

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The screenshot shows the PubMed search results interface. On the left, there is a green sidebar with filter categories: Sex (Female, Male), Subjects (AIDS, Cancer, Systematic Reviews, More...), Journal categories (Core clinical journals, Dental journals, MEDLINE, Nursing journals), Ages (Child: birth-18 years, Infant: birth-23 months, Adult: 19+ years, Aged: 65+ years, More...), and Search fields (Choose...). A red arrow points to the 'Search fields' section. A dropdown menu is open over the 'Search fields' section, showing a list of filter options: Affiliation, Author, Author - Corporate, Author - First, Author - Full, Author - Identifier, Author - Last, Book, Date - Completion, Date - Create, Date - Entrez, Date - MeSH, Date - Modification, Date - Publication, EC/RN Number, Editor, and Filter. The 'Affiliation' option is currently selected. At the top of the page, there are options for 'Display Settings' (Summary, 20 per page, Sorted by Recently Added) and 'Send to'. The main content area shows search results, including a link to 'Type 1 Diabetes'.

Example:

The screenshot shows the PubMed homepage. At the top, there is a navigation bar with 'NCBI Resources' and 'How To'. Below that is the 'PubMed.gov' logo and a search bar with 'PubMed' entered. The main content area features a large banner for 'PubMed' with the text: 'PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.' To the right of the banner is a section for 'PubMed Commons' with the text: 'PubMed's new commenting system'. Below the banner are three columns of links: 'Using PubMed' (PubMed Quick Start Guide, Full Text Articles, PubMed FAQs, PubMed Tutorials, New and Noteworthy), 'PubMed Tools' (PubMed Mobile, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, Topic-Specific Queries), and 'More Resources' (MeSH Database, Journals in NCBI Databases, Clinical Trials, E-Utilities, LinkOut). At the bottom, there is a footer with the text 'You are here: NCBI > Literature > PubMed' and 'Write to the Help Desk'. The footer also contains five sections: 'GETTING STARTED', 'RESOURCES', 'POPULAR', 'FEATURED', and 'NCBI INFORMATION'.

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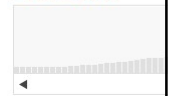
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- [Effectiveness of implantable cardioverter defibrillators for primary prevention of sudden cardiac death in subgroups a systematic review.](#)
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Barcelo-Rico F, Diez JL, Rossetti P, Vehi J, Bondia J.
IEEE J Biomed Health Inform. 2013 May;17(3):530-8.
PMID: 24592455 [PubMed - in process]
[Related citations](#)
- [Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats.](#)
Clark M, Thomaseth K, Dirikolu L, Ferguson DC, Hoenig M.
J Vet Intern Med. 2014 Jan-Feb;28(1):166-74.
PMID: 24592408 [PubMed - in process]
[Related citations](#)
- [Genetic and Pharmacologic Models for Type 1 Diabetes.](#)
Leiter EH, Schile A.
Curr Protoc Mouse Biol. 2013 Mar 1;3(1):9-19.
PMID: 24592352 [PubMed]
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- [Review \(66965\)](#)
- [Springer \(17734\)](#)
- [Equipment and Supplies user OR ... \[title\] \(254\)](#)
- [edu OR training Or Instr education MeSH Subheading \[title/abstract\] \(2189\)](#)

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Try the new Display Settings option - **Sort by Relevance**

Results by year



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- [edu OR training Or Instr\[ti\] \(0\)](#)
- [education MeSH Subheading \(1695\)](#)
- [insurance\[title/abstract\] \(2189\)](#)

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Results by year

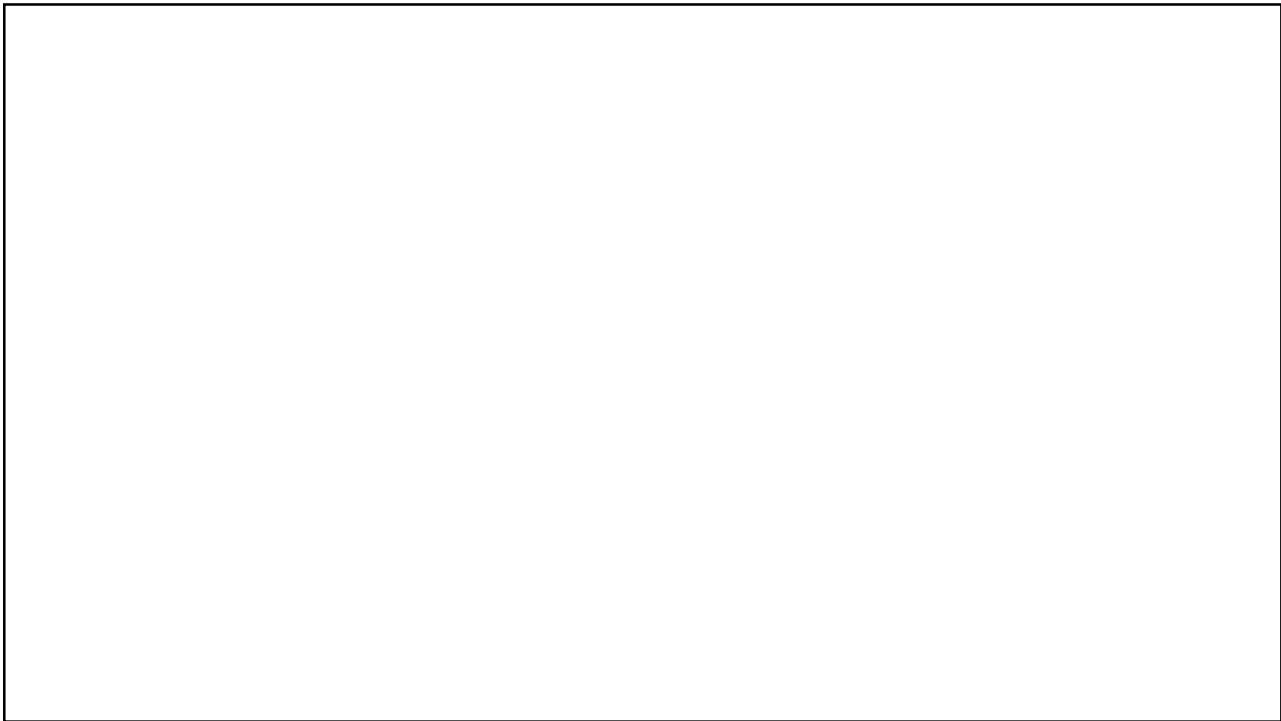
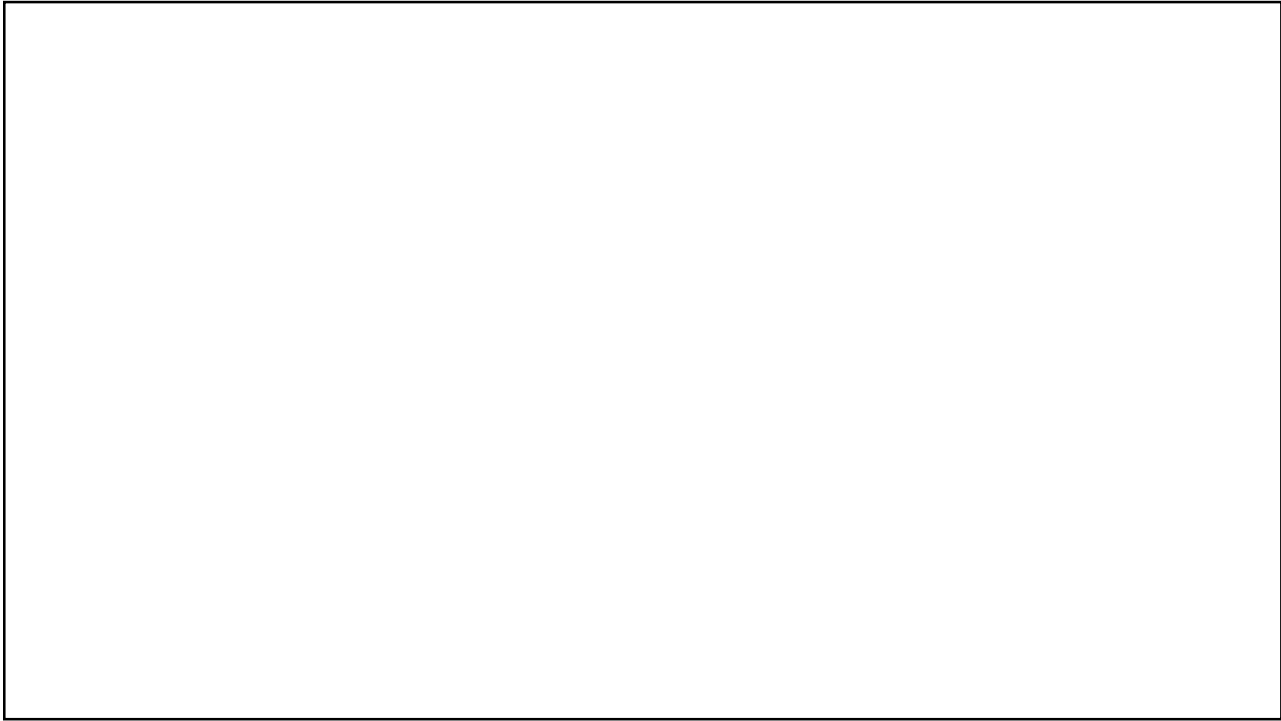
Results View:

The screenshot shows a PubMed search results page for the query 'diabetes'. The search bar at the top contains 'PubMed' and 'diabetes'. The page displays search settings (Summary, 20 per page, Sorted by Recently Added) and a list of 4 results. A 'Find related data' dropdown menu is open on the right side, showing various databases like PubMed, Assembly, BioProject, etc. The search results list includes:

- 1. [Effectiveness of implantable cardioverter defibrillators for primary prevention of sudden cardiac death in subgroups: a systematic review.](#)
Earley A, Persson R, Carlitski AC, Balk EM, Uhlig K.
Ann Intern Med. 2014 Jan 21;160(2):111-21.
PMID: 24592496 [PubMed - in process]
[Related citations](#)
- 2. [Adaptive calibration algorithm for plasma glucose estimation in continuous glucose monitoring.](#)
Barcelo-Rico F, Diez JL, Rossetti P, Vehi J, Bondia J.
IEEE J Biomed Health Inform. 2013 May;17(3):530-8.
PMID: 24592455 [PubMed - in process]
[Related citations](#)
- 3. [Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats.](#)
Clark M, Thomaseth K, Dirikolu L, Ferguson DC, Hoenig M.
J Vet Intern Med. 2014 Jan-Feb;28(1):166-74.
PMID: 24592408 [PubMed - in process]
[Related citations](#)
- 4. [Genetic and Pharmacologic Models for Type 1 Diabetes.](#)
Leiter EH, Schlie A.
Curr Protoc Mouse Biol. 2013 Mar 1;3(1):9-19.

The 'Find related data' dropdown menu is open, showing a search bar with the query 'diabetes' and a list of databases including PubMed, Assembly, BioProject, BioSample, BioSystems, Books, Conserved Domains, ClinVar, dbVar, Epigenomics, dbGap, GEO DataSets, Gene, Genome, GEO Profiles, HomoloGene, MedGen, Nucleotide, and EST. The search results for 'diabetes' are listed below the dropdown:

- diabetes (42404) PubMed
- diabetes (464871) PubMed
- diabetes AND (free full text[sb]) (13849) PubMed
- diabetes AND (free full text[sb]) (104799) PubMed



Search Suggestions:

The screenshot shows the NCBI PubMed search page. The search bar contains the text "hyperten". A dropdown menu displays a list of search suggestions, including "pulmonary hypertension", "arterial hypertension", "portal hypertension", "intracranial hypertension", "pulmonary arterial hypertension", "hypertension", "hypertension review", "hypertension treatment", "resistant hypertension", "hypertension pregnancy", "hypertension children", "idiopathic intracranial hypertension", "essential hypertension", "spontaneously hypertensive", "induced hypertension", "hypertensive", "hypertensive rats", "hypertension diabetes", "treatment hypertension", and "hypertension guidelines". The first suggestion, "pulmonary hypertension", is highlighted in blue. On the left side, there are various filter options such as "Article types", "Text availability", "Publication dates", "Species", and "Search fields". The top navigation bar includes "NCBI", "Resources", "How To", "boroumand", "My NCBI", and "Sign Out".

Save Search:

The screenshot shows the "MyNCBI — Saved Searches" page. At the top, there is a navigation bar with "NCBI", "Resources", and "How To". Below this, the page title "MyNCBI — Saved Searches" is displayed. The main content area is titled "Your PubMed search" and shows the search term "Search: pulmonary hypertension". Below the search term, there is a text input field labeled "Name of Search:" with the value "pulmonary hypertension" entered. There are two buttons: "Save" and "Cancel". At the bottom of the page, there is a breadcrumb trail "You are here: NCBI > (untitled document)" and a navigation menu with three columns: "GETTING STARTED" (NCBI Education, NCBI Help Manual, NCBI Handbook, Training & Tutorials), "RESOURCES" (Chemicals & Bioassays, Data & Software, DNA & RNA, Domains & Structures), and "POPULAR" (PubMed, Nucleotide, BLAST, PubMed Central).

Save Search:

Name of saved search:

Search terms:
[Test search terms](#)

E-mail: ma.boroumand@gmail.com ([change](#))

Would you like e-mail updates of new search results?

No, thanks.
 Yes, please.

Frequency:

Which day?

Formats:
 Report format:

Number of items:
 Send at most: Send even when there aren't any new results

Any text you want to be added at the top of your e-mail (optional):

Save Search:

Resources How To boroumand

PubMed

[RSS](#) [Save search](#) [Advanced](#)

RSS Settings

Search: pulmonary hypertension
 Number of items displayed: 15
 Feed name: pulmonary hypertension

Page, Sorted by Recently Added

Send to: **Filter your results:**
 All (41318)
[stem cell \(in Title\) \(33\)](#)
[education Title \(18\)](#)
[methods or preparation or dentistry \(132\)](#)

Page 1 of 2066 [First](#) [Prev](#) [Next](#) [Last](#)

1. [Children: Report of the pulmonary hypertension academic research committee.](#)
 Barst RJ, Ivy D, Stenmark KR, Karkowsky A, Rosenzweig E, Aguilar C.
 Pulm Circ. 2013 Jan;3(1):252-66. doi: 10.4103/2045-8932.109931.
 PMID: 23662203 [PubMed - in process]

2. [Clinical trials in pulmonary hypertension: Time for a consortium.](#)
 Newman JH, Elliott GC, Haworth GS, Zampaglione E, Brar S, Gibbs SJ, Sandoval J.
 Pulm Circ. 2013 Jan;3(1):245-51. doi: 10.4103/2045-8932.109922.
 PMID: 23662202 [PubMed - in process]


3. [Anticipated classes of new medications and molecular targets for pulmonary arterial hypertension.](#)
 Morrell NW, Archer SL, Defelice A, Evans S, Fiszman M, Martin T, Saulnier M, Rabinovitch M, Schermuly R, Stewart D, Truebel H, Walker G, Stenmark KR.
 Pulm Circ. 2013 Jan;3(1):226-44. doi: 10.4103/2045-8932.109940.
 PMID: 23662201 [PubMed - in process]

4. [Advancing clinical trial design in pulmonary hypertension.](#)
 Grieve AP, Chow SC, Curram J, Dawe S, Harnisch LO, Henig NR, Hung HM, Ivy DD, Kawut SM, Rahbar MH, Xiao S, Wilkins MR.
 Pulm Circ. 2013 Jan;3(1):217-25. doi: 10.4103/2045-8932.109933.
 PMID: 23662200 [PubMed - in process]

Results by year

Related searches
 persistent pulmonary hyper
 pulmonary hypertension ne
 chronic thromboembolic pulm
 hypertension
 sildenafil pulmonary hypert

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pubmed: pulmonary hypertensi...

NCBI: db=pubmed; Term=pulmonary hypertension

[Clinical trials in neonates and children: Report of the pulmonary hypertension academic research consortium pediatric advisory committee.](#)

Clinical trials in neonates and children: Report of the pulmonary hypertension academic research consortium pediatric advisory committee.

Pulm Circ. 2013 Jan;3(1):252-66

Authors: Adatia I, Haworth SG, Wegner M, Barst RJ, Ivy D, Stenmark KR, Karkowsky A, Rosenzweig E, Agular C

Abstract

Drug trials in neonates and children with pulmonary hypertensive vascular disease pose unique but not insurmountable challenges. Childhood is defined by growth and development. Both may influence disease and outcomes of drug trials. The developing pulmonary vascular bed and airways may be subjected to maldevelopment, maladaptation, growth arrest, or dysregulation that influence the phenotype. Drug therapy is influenced by developmental changes in renal and hepatic blood flow, as well as in metabolic systems such as cytochrome P450. Drugs may affect children differently with different clearance, therapeutic levels and toxicities. Toxicity may not be manifested until the child reaches physical, endocrine and neurodevelopmental maturity. Adverse effects may be in the next generation, should the development of ova or spermatozoa be affected. Consideration of safe, age-appropriate tablets and liquid formulations is an obvious but often neglected prerequisite for pediatric drug trial. In designing a clinical trial, precise phenotyping and genotyping of disease is required to ensure appropriate and accurate inclusion and exclusion criteria. We need to explore precision-based pharmacokinetic modeling and simulations together with statistical techniques to reduce sample size requirements. Clinical endpoints such as exercise capacity, using traditional classification cannot be applied routinely to children. Many lack the necessary neurodevelopmental skills and equipment may not be appropriate for use in children. Selection of endpoints appropriate to encompass the developmental spectrum from neonate to adolescent is particularly challenging. One possible solution is the development of composite outcome scores that include age and a developmentally specific functional classification, growth and development scores, exercise data, biomarkers and hemodynamics with repeated evaluation throughout the period of growth and development. In addition, potentially costly, we recommend long-term continuation of blinded dose ranging after completion of the short-term, double-blind, placebo-controlled trial for side-effect surveillance, which should include neurodevelopmental and peripubertal monitoring. The search for robust evidence to guide safe therapy of children and neonates with pulmonary hypertensive vascular disease is a crucial and need.

PMID: 23662203 [PubMed - in process]

[Clinical trials in pulmonary hypertension: Time for a consortium.](#)

Advance search:

PubMed Advanced Search Builder

[Edit](#)

Builder

Title

gestational diabetes

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[Show](#)

AND

All Fields

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[Show](#)

AND

All Fields

+

[Show](#)

Search or [Add to history](#)

History [Download](#)

Search	Add to builder	Query	Item
#16	Add	Search pulmonary hypertension	
#1	Add	Search diabetes	

Search Tips:**selecting fields :****Search Tips:****fields :****Date:**

Completion Date [DCOM]	The date NLM completed processing the citation.
Entrez Date [EDAT]	Date the citation was added to the PubMed database
MeSH Date [MHDA]	The date the citation was indexed with MeSH Terms and elevated to MEDLINE
Modification Date [LR]	Modification date is the citation's last revision date

Search Tips:

fields :

Mesh fields:**MeSH Terms [MH]**

The NLM [Medical Subject Headings](#) controlled vocabulary of biomedical terms that is used to describe the subject of each journal article in MEDLINE. MeSH contains approximately 26000 terms and is updated annually to reflect changes in medicine and medical terminology

Search Tips:

fields :

Mesh fields:**MeSH Major Topic [MAJR]**

A MeSH term that is one of the main topics discussed in the article denoted by an asterisk on the MeSH term or MeSH/Subheading combination, e.g. Cytokines/physiology*

Search Tips:

fields :

Mesh fields:

MeSH Subheadings [SH]

MeSH [Subheadings](#) are used with MeSH terms to help describe more completely a particular aspect of a subject. For example, the drug therapy of asthma is displayed as asthma/drug therapy;

The MeSH Subheading field allows users to "free float" Subheadings, e.g., hypertension [mh] AND toxicity [sh].

Search Tips:

Boolean operators:

```
((diabetes[Title]) AND tehran[Affiliation]) AND ("2009"[Date - Publication] : "2013"[Date - Publication])
```

[Edit](#)

Builder

	Title	diabetes	
AND	Affiliation	tehran	
AND	Date - Publication	2009 to 2013	Show index list
AND	All Fields		

or [Add to history](#)

Search Tips: Boolean operators:

PubMed search results for the query: **(diabetes[Title]) NOT (gestational[Title] OR pregnancy[Title])**. The page shows 135,193 results. The first three results are:

- Herbal therapies for type 2 diabetes mellitus: chemistry, biology, and potential application of selected plants and compounds.**
Chang CL, Lin Y, Bartolome AP, Chen YC, Chiu SC, Yang WC. Evid Based Complement Alternat Med. 2013;2013:378657. doi: 10.1155/2013/378657. Epub 2013 Apr 4. PMID: 23662132 [PubMed - in process]
- Effect of addition of either sitagliptin or pioglitazone in patients with uncontrolled type 2 diabetes mellitus on metformin: A randomized controlled trial.**
Chawla S, Kaushik N, Singh NP, Ghosh RK, Saxena A. J Pharmacol Pharmacother. 2013 Jan;4(1):27-32. doi: 10.4103/0976-500X.107656. PMID: 23662021 [PubMed - in process]
- Ferulic acid in the treatment of post-diabetes testicular damage: relevance to the down regulation of apoptosis correlates with antioxidant status via modulation of TGF- β 1, IL-1 β and Akt signalling.**
Roy S, Metya SK, Rahaman N, Sannigrahi S, Ahmed F. Cell Biochem Funct. 2013 May 10. doi: 10.1002/cbf.2983. [Epub ahead of print] PMID: 23661600 [PubMed - as supplied by publisher]

Additional features visible on the page include: Display Settings (Summary, 20 per page, Sorted by Recently Added), Send to options, Filter your results (All (135193)), Results by year bar chart, and Titles with your search.

Search Tips: Boolean operators:

PubMed search results for the query: **(pregnancy[Title]) NOT (gestational[Title] OR diabetes[Title])**. The page shows 127,186 results. The first four results are:

- Juvenile dermatomyositis in pregnancy.**
Madu AE, Omih E, Baguley E, Lindow SW. Case Rep Obstet Gynecol. 2013;2013:890107. doi: 10.1155/2013/890107. Epub 2013 Apr 15. PMID: 23662227 [PubMed - in process]
- A Case Presentation: Decidualized Endometrioma Mimicking Ovarian Cancer during Pregnancy.**
Tazegül A, Seçilmiş Kerimoğlu O, Incesu FN, Doğan NU, Yılmaz SA, Celik C. Case Rep Obstet Gynecol. 2013;2013:728291. doi: 10.1155/2013/728291. Epub 2013 Apr 14. PMID: 23662226 [PubMed - in process]
- Borderline Ovarian Tumor during Pregnancy: A Case Report.**
Casanova J, Maciel R, Ferreira V, Fernandes E, Rodrigues RM. Case Rep Obstet Gynecol. 2013;2013:160319. doi: 10.1155/2013/160319. Epub 2013 Apr 10. PMID: 23662224 [PubMed - in process]
- Prevention and treatment of venous thromboembolism in pregnancy in patients with hereditary antithrombin deficiency.**
James AH, Konkle BA, Bauer KA.

Additional features visible on the page include: Display Settings (Summary, 20 per page, Sorted by Recently Added), Send to options, Filter your results (All (127186)), Results by year bar chart, and Titles with your search t (Rape-related pregnancy: es descriptive characte [Am J O

Search Tips: Boolean operators:

sources How To

PubMed (microbiology[title]) NOT (air and food) Search

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: Filter your results:

Results: 1 to 20 of 5352

1. [Microbiology: Bacterial communities as capitalist economies.](#)
Römmling U.
Nature. 2013 May 8. doi: 10.1038/nature12103. [Epub ahead of print] No abstract available.
PMID: 23657260 [PubMed - as supplied by publisher]
[Related citations](#)

2. [Microbiology of folliculitis: a histological study of 39 cases.](#)
Jahns AC, Lundskog B, Berg J, Jonsson R, McDowell A, Patrick S, Golovleva I, Palmer RH, Alexeyev OA.
APMIS. 2013 May 8. doi: 10.1111/apm.12103. [Epub ahead of print]
PMID: 23656553 [PubMed - as supplied by publisher]
[Related citations](#)

Filter your results:
All (5352)
[stem cell \(in Title\) \(0\)](#)
[education Title \(36\)](#)
[methods or preparat](#)
[dentistry \(107\)](#)

Results by year

Search Tips: Phrase search:

How To

PubMed drug addiction Search

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: Filter your results:

Results: 1 to 20 of 354668

1. [Causes, consequences, and prevention of burnout among substance abuse treatment counselors: a rural versus urban comparison.](#)
Oser CB, Biebel EP, Pullen E, Harp KL.
J Psychoactive Drugs. 2013 Jan-Mar;45(1):17-27.
PMID: 23662328 [PubMed - in process]

2. [Twice stigmatized: provider's perspectives on drug-using women in the Republic of Georgia.](#)
Kirtadze I, Otashvili D, O'Grady KE, Zule W, Krupitsky E, Wechsberg WM, Jones HE.
J Psychoactive Drugs. 2013 Jan-Mar;45(1):1-9.
PMID: 23662326 [PubMed - in process]

3. [Managing opioid dependence treatment and controlling for HIV incidence among injecting drug users in Greece: a case study of optimism in the face of adversity.](#)
Mallinri M, Ggina C, Snulintis K, Hatzakis A

Filter your results:
All (354668)
[stem cell \(](#)
[education](#)
[methods of](#)
[dentistry \(](#)

Results by year

Search Tips:

Phrase search:

PubMed search results for the phrase "drug addiction". The search bar shows "PubMed" and "drug addiction". The results are displayed in a list format, with the first three results visible. The first result is "Public opinion on imposing restrictions to people with an alcohol- or drug addiction: a cross-sectional survey." by van Boekel LC, Brouwers EP, van Weeghel J, Garretsen HF. Soc Psychiatry Psychiatr Epidemiol. 2013 May 9. [Epub ahead of print]. PMID: 23657876. The second result is "Patterns of Homelessness and Implications for HIV Health After Release from Jail." by Zelenev A, Marcus R, Kopelev A, Cruzado-Quinones J, Spaulding A, Desabrais M, Lincoln T, Altice FL. AIDS Behav. 2013 May 9. [Epub ahead of print]. PMID: 23657757. The third result is "Histamine H3 receptors, The complex interaction with dopamine and its implications for addiction." by Ellenbroek BA. Br J Pharmacol. 2013 May 2. doi: 10.1111/bph.12224. [Epub ahead of print].

Search Tips:

Truncation:

PubMed search results for the truncated search term "enviro*[Title]". The search bar shows "PubMed" and "enviro*[Title]". The results are displayed in a list format, with the first three results visible. The first result is "Modulation of Rh glycoproteins, ammonia excretion and Na+ fluxes in three freshwater teleosts when exposed chronically to high environmental ammonia." by Sinha AK, Liew HJ, Nawata CM, Blust R, Wood CM, De Boeck G. J Exp Biol. 2013 May 9. [Epub ahead of print]. PMID: 23661781. The second result is "Fertilisation is not a new beginning: sperm environment affects offspring developmental success." by Ritchie H, Marshall DJ. J Exp Biol. 2013 May 9. [Epub ahead of print]. PMID: 23661780. The third result is "An ecological public health approach to understanding the relationships between sustainable urban environments, public health and social equity." by Bentley M. Health Promot Int. 2013 May 9. [Epub ahead of print]. PMID: 23661624. The fourth result is "Characterization of physicochemical properties of nanomaterials and their immediate environments".

Search Tips: Using show index list:

PubMed Home | More Resources ▾ | Help |

PubMed Advanced Search Builder Y

ebrahimipour[Author]

[Edit](#)

Builder

Author ▾ ebrahimipour [Show index list](#)

ebrahimipour (3)
 ebrahimipour g (3)
 ebrahimipour gh (1)
 ebrahimirad (2)
 ebrahimirad m (2)
 ebrahimizadeh (4)
 ebrahimizadeh w (4)
 ebrahmkhani (31)
 ebrahmkhani e (1)
 ebrahmkhani k (1)

[Previous 200](#)
[Next 200](#)
[Refresh index](#)

AND ▾ All Fields ▾ [Show index list](#)

[Search](#) or [Add to history](#)

Search Tips: Using search history:

(#59) AND #58

[Edit](#)

Builder

Recent Query ▾ #59

AND ▾ Recent Query ▾ #58

AND ▾ All Fields ▾ [Show index list](#)

[Search](#) or [Add to history](#)

History [Download history](#) C

Search	Add to builder	Query	Items found
#59	Add	Search "journal of research in medical sciences the official journal of isfahan university of medical sciences"[Journal]	497
#58	Add	Search enviro*[Title]	97261
#57	Add	Search (microbiology[title]) NOT (air and food)	5362
#42	Add	Search (microbiology) NOT (air and food)	940659
#56	Add	Search (pregnancy[Title]) NOT (gestational[Title] OR diabetes[Title])	127186

Sending Records:

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Send to: 

Choose Destination

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 Citation manager

Download 1 items.


Format

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Sending Records:

NCBI Resources > How to >

 My NCBI — [Collections](#)

2 items from PubMed

What would you like to do?

Create new collection
 Append to an existing collection

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Collections

Collections

Favorites

diabetes

hypertension

Or cancel and return to [your selections](#).

You are here: NCBI > (untitled document)

<p>GETTING STARTED</p> <p>NCBI Education</p> <p>NCBI Help Manual</p>	<p>RESOURCES</p> <p>Chemicals & Bioassays</p> <p>Data & Software</p>	<p>POPULAR</p> <p>PubMed</p> <p>Nucleotide</p>
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Sending Records:

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Subject

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NCBI Resources How To


My NCBI — My Bibliography

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1 item from PubMed

Please choose a Bibliography to save to:

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Saved searches:

Search Name		What's New	Last Searched
PubMed Searches			
pulmonary hypertension		0	today
"Life Style"[Mesh]		63	last month
fatty liver		172	last month
learning styles		26	2 months ago
learning styles		26	2 months ago
search for blood pressure		847	last year

[Manage Saved Searches >](#)

Saved searches :

 My NCBI — Saved Search Settings

Your PubMed search

Name of saved search:

Search terms: [Test search terms](#)

E-mail: ma.boroumand@gmail.com ([change](#))

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Report format:

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Send at most: Send even when there aren't any new results

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Collections ▲ ✕

Collection Name	Items	Settings/Sharing	Type
Favorites	edit 4	Private	Standard
My Bibliography	edit 10	Public	Standard
Other Citations	edit 3	Private	Standard
diabetes	edit 3	Private	PubMed
hypertension	edit 8	Private	PubMed

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[Display Settings:](#) List view, Sort by date, group by citation type

Select: [All](#), [None](#) 0 items selected

Journal Articles

- 1: Casali CJ, Weber K, Favale NO, Tome MC. [Environmental hyperosmolality regulates phospholipid biosynthesis in the renal epithelial cell line MDCK](#). *J Lipid Res.* 2013 Mar;54(3):677-91. doi: 10.1194/jlr.M031500. Epub 2012 Dec 26. PubMed PMID: 23269393.
[Related citations](#)
- 2: Bauer EM, Shapiro R, Zheng H, Ahmad F, Ishizawa D, Comhair SA, Erzurum SC, Billiar TR, Bauer PM. [High mobility group box 1 contributes to the pathogenesis of experimental pulmonary hypertension via activation of Toll-like receptor 4](#). *Mol Med.* 2013 Feb 8;18:1509-18. doi: 10.2119/molmed.2012.00283. PubMed PMID: 23269975; PubMed Central PMCID: PMC3576475.
[Free full text](#) [Related citations](#)
- 3: Lackland DT. [Hypertension: Joint National Committee on Detection, Evaluation, and Treatment of High Blood Pressure guidelines](#). *Curr Opin Neurol.* 2013 Feb;26(1):8-12. doi: 10.1097/WCO.0b013e32835c4f54. PubMed PMID: 23241566.
[Related citations](#)
- 4: Karpa KD, Vrana KE. [Creating a virtual pharmacology curriculum in a problem-based learning environment: one medical school's](#)

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My bibliography:

My NCBI — Filters [Filters help](#)

You are managing filters for: PubMed Choose another database: PubMed (4 active)

Your PubMed filter list [Create custom filter](#)

Active	Name	Type	
<input checked="" type="checkbox"/>	dentistry	Custom	delete
<input type="checkbox"/>	hepatit	Custom	delete
<input checked="" type="checkbox"/>	stem cell (in Title)	Custom	delete
<input checked="" type="checkbox"/>	methods or preparation or	Custom	delete
<input checked="" type="checkbox"/>	education Title	Custom	delete

Browse/Search for PubMed Filters

Select category:

Popular LinkOut Properties Links

Search with terms (optional):

Active	Name	Description
<input type="checkbox"/>	Clinical Trial	
<input type="checkbox"/>	English	
<input type="checkbox"/>	English & Humans	
<input type="checkbox"/>	Free Full Text	links to Web accessible full text articles (all available free of charge)
<input type="checkbox"/>	Full Text	links to Web accessible full text articles (some may require subscription)
<input type="checkbox"/>	Humans	
<input type="checkbox"/>	Items with Abstracts	
<input type="checkbox"/>	Published in the last 5 years	
<input type="checkbox"/>	Review	articles that review the literature on a subject

Filters :

Browse/Search for PubMed Filters

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Popular LinkOut Properties Links

Search with terms (optional):

Active	Name	Description
<input type="checkbox"/>	Chemical Information	
<input type="checkbox"/>	Education	
<input type="checkbox"/>	Libraries	
<input type="checkbox"/>	Literature	
<input type="checkbox"/>	Medical Resources	
<input type="checkbox"/>	Miscellaneous	
<input type="checkbox"/>	Molecular Biology Databases	
<input type="checkbox"/>	Research Materials	

Filters :

Browse/Search for PubMed Filters

Select category:

Popular
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Search with terms (optional):

Active	Name	Description
<input checked="" type="checkbox"/>	Humans or Animals	
<input checked="" type="checkbox"/>	Languages	
<input checked="" type="checkbox"/>	Other	
<input checked="" type="checkbox"/>	Publication Date	
<input checked="" type="checkbox"/>	Publication Types	
<input type="checkbox"/>	Addresses	
<input type="checkbox"/>	Autobiography	
<input type="checkbox"/>	Bibliography	
<input type="checkbox"/>	Biography	
<input type="checkbox"/>	Case Reports	
<input type="checkbox"/>	Classical Article	
<input type="checkbox"/>	Clinical Conference	

Filters :

Browse/Search for PubMed Filters

Select category:

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Search with terms (optional):

Active	Name	Description
<input type="checkbox"/>	Links to GEO	Gene Expression Omnibus, a gene expression and hybridization array data repository.
<input type="checkbox"/>	Links to GEO DataSets	Curated expression datasets originating from Gene Expression Omnibus, NCBI.
<input type="checkbox"/>	Links to HomoloGene	Automated detection of homologs among eukaryotic gene sets.
<input type="checkbox"/>	Links to Nucleotide	DNA sequences from GenBank, EMBL, and DDBJ.
<input type="checkbox"/>	Links to OMIM	Online Mendelian Inheritance in Man - catalog of human genes and genetic disorders.
<input checked="" type="checkbox"/>	Links to PMC	PubMed Central, a free digital archive of life sciences journal literature.
<input type="checkbox"/>	Links to PMC References	PubMed citations cited by a full-text article in PubMed Central.

MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus

Mesh:

The screenshot displays the MeSH website interface. At the top, there is a navigation bar with 'NCBI Resources' and 'How To' links. The main content area features a search bar with 'MeSH' selected and 'headache' entered. A dropdown menu is open, listing various headache types such as 'alarm clock headache', 'analgesic overuse headache', and 'chronic cluster headache'. Below the search bar, there is a section titled 'Using MeSH' with links for 'Help' and 'Tutorials'. The page also includes a breadcrumb trail: 'You are here: NCBI > Literature > MeSH Database'.

MESH:

Save search Limits Advanced

Display Settings: Summary, 20 per page Send to: P

Results: 12

- Headache**
1. The symptom of PAIN in the cranial region. It may be an isolated benign occurrence or manifestation of a wide variety of HEADACHE DISORDERS.
Year introduced: 2006 (1963)
- Post-Dural Puncture Headache**
2. A secondary headache disorder attributed to low CEREBROSPINAL FLUID pressure caused by SPINAL PUNCTURE, usually after dural or lumbar puncture.
Year introduced: 2006
- Post-Traumatic Headache**
3. Secondary headache attributed to TRAUMA of the HEAD and/or the NECK.
Year introduced: 2006
- Headache Disorders, Secondary**
4. Conditions with HEADACHE symptom that can be attributed to a variety of causes including BRAIN VASCULAR DISORDERS; WOUNDS AND INJURIES; INFECTION; drug use or its withdrawal.
Year introduced: 2006

MESH:

Display Settings: Full Send to:

Headache
The symptom of PAIN in the cranial region. It may be an isolated benign occurrence or manifestation of a wide variety of HEADACHE DISORDERS.
Year introduced: 2006 (1963)

PubMed search builder options

Subheadings:

<input type="checkbox"/> analysis	<input type="checkbox"/> enzymology	<input type="checkbox"/> physiology
<input type="checkbox"/> anatomy and histology	<input type="checkbox"/> epidemiology	<input type="checkbox"/> physiopathology
<input type="checkbox"/> blood	<input type="checkbox"/> ethnology	<input type="checkbox"/> prevention and control
<input type="checkbox"/> cerebrospinal fluid	<input type="checkbox"/> etiology	<input type="checkbox"/> psychology
<input type="checkbox"/> chemically induced	<input type="checkbox"/> genetics	<input type="checkbox"/> radiography
<input type="checkbox"/> classification	<input type="checkbox"/> history	<input type="checkbox"/> radionuclide imaging
<input type="checkbox"/> complications	<input type="checkbox"/> immunology	<input type="checkbox"/> radiotherapy
<input type="checkbox"/> congenital	<input type="checkbox"/> metabolism	<input type="checkbox"/> rehabilitation
<input type="checkbox"/> cytology	<input type="checkbox"/> microbiology	<input type="checkbox"/> statistics and numerical data
<input type="checkbox"/> diagnosis	<input type="checkbox"/> mortality	<input type="checkbox"/> surgery
<input type="checkbox"/> diet therapy	<input type="checkbox"/> nursing	<input type="checkbox"/> therapy
<input type="checkbox"/> drug therapy	<input type="checkbox"/> organization and administration	<input type="checkbox"/> ultrasonography
<input type="checkbox"/> economics	<input type="checkbox"/> parasitology	<input type="checkbox"/> urine
<input type="checkbox"/> embryology	<input type="checkbox"/> pathology	<input type="checkbox"/> virology

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

PubMed search builder

Add to search builder AND Search PubMed

Related information: PubMed, PubMed - Major Topic, Clinical Queries, NLM MeSH Browser, MedGen

Recent activity: Turn Off Clear

headache (12) MeSH

Mesh:

[Save search](#) [Limits](#) [Advanced](#)

[Display Settings:](#) ☑ Summary, 20 per page [Send to:](#) ☑

Results: 12

- [Headache](#)
 1. The symptom of PAIN in the cranial region. It may be an isolated benign occurrence or manifestation of a wide variety of **HEADACHE DISORDERS**.
 Year introduced: 2006 (1963)
- [Post-Dural Puncture Headache](#)
 2. A secondary **headache** disorder attributed to low CEREBROSPINAL FLUID pressure caused by SPINAL PUNCTURE, usually after dural or lumbar puncture.
 Year introduced: 2006
- [Post-Traumatic Headache](#)
 3. Secondary **headache** attributed to TRAUMA of the HEAD and/or the NECK.
 Year introduced: 2006
- [Headache Disorders, Secondary](#)
 4. Conditions with **HEADACHE** symptom that can be attributed to a variety of causes including BRAIN VASCULAR DISORDERS; WOUNDS AND INJURIES; INFECTION; drug use or its withdrawal.
 Year introduced: 2006

Mesh:

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

Use Number(s): C10.597.617.470, C23.888.592.612.441, C23.888.646.487

Entry Terms:

- Headaches
- Head Pain
- Head Pains
- Pain, Head
- Pains, Head
- Cephalodynia
- Cephalodynias
- Cranial Pain
- Cranial Pains
- Pain, Cranial
- Pains, Cranial
- Cephalalgia
- Cephalalgias
- Cephalgia
- Cephalgias
- Generalized Headache
- Generalized Headaches
- Headache, Generalized
- Headaches, Generalized
- Ocular Headache
- Headache, Ocular
- Headaches, Ocular
- Ocular Headaches

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Mesh:

See Also:

- [Headache Disorders](#)

[All MeSH Categories](#)

[Diseases Category](#)

[Nervous System Diseases](#)

[Neurologic Manifestations](#)

[Pain](#)

Headache

[All MeSH Categories](#)

[Diseases Category](#)

[Pathological Conditions, Signs and Symptoms](#)

[Signs and Symptoms](#)

[Neurologic Manifestations](#)

[Pain](#)

Headache

[Slit Ventricle Syndrome](#)

[All MeSH Categories](#)

[Diseases Category](#)

[Pathological Conditions, Signs and Symptoms](#)

[Signs and Symptoms](#)

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Headache

[Slit Ventricle Syndrome](#)

Mesh:

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Fatty Liver

Lipid infiltration of the hepatic parenchymal cells resulting in a yellow-colored liver. The abnormal lipid accumulation is usually in the form of TRIGLYCERIDES, either as a single large droplet or multiple small droplets. Fatty liver is caused by an imbalance in the metabolism of FATTY ACIDS.

PubMed search builder options

[Subheadings:](#)

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> analysis | <input type="checkbox"/> enzymology | <input type="checkbox"/> physiology |
| <input type="checkbox"/> anatomy and histology | <input type="checkbox"/> epidemiology | <input type="checkbox"/> physiopathology |
| <input type="checkbox"/> blood | <input type="checkbox"/> ethnology | <input type="checkbox"/> prevention and control |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> etiology | <input type="checkbox"/> psychology |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> genetics | <input type="checkbox"/> radiography |
| <input type="checkbox"/> classification | <input type="checkbox"/> history | <input type="checkbox"/> radionuclide imaging |
| <input type="checkbox"/> complications | <input type="checkbox"/> immunology | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> congenital | <input type="checkbox"/> metabolism | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> cytology | <input type="checkbox"/> microbiology | <input type="checkbox"/> surgery |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> mortality | <input type="checkbox"/> therapy |
| <input type="checkbox"/> diet therapy | <input type="checkbox"/> nursing | <input type="checkbox"/> ultrasonography |
| <input type="checkbox"/> drug effects | <input type="checkbox"/> organization and administration | <input type="checkbox"/> urine |

PubMed search builder

```
"Fatty Liver/analysis"
[Mesh:NoExp]
```

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Related information

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[Clinical Queries](#)

[NLM MeSH Browser](#)

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