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主讲人： 李薇



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- ◆ PubMed概况
- ◆ PubMed数据范围
- ◆ PubMed主页及检索机制
- ◆ PubMed检索方法
- ◆ 检索结果的处理
- ◆ PubMed的个性化服务

一、PubMed概况

- ◆ PubMed一词源自“**Public**”和“**Medline**”两个英语单词，顾名思义，意味着面向公众的、免费的医药信息检索服务。
- ◆ **美国国家医学图书馆NLM**下设的美国生物技术信息中心NCBI建立的以Web方式向用户提供服务的生物医学文献检索系统，使用NCBI的Entrez检索平台，1997年6月开始向全球开放。
- ◆ 特色：收录广、内容全、检索途径多、体系完备等特点，是目前世界上查找医学文献**利用率最高的网上免费数据库**。

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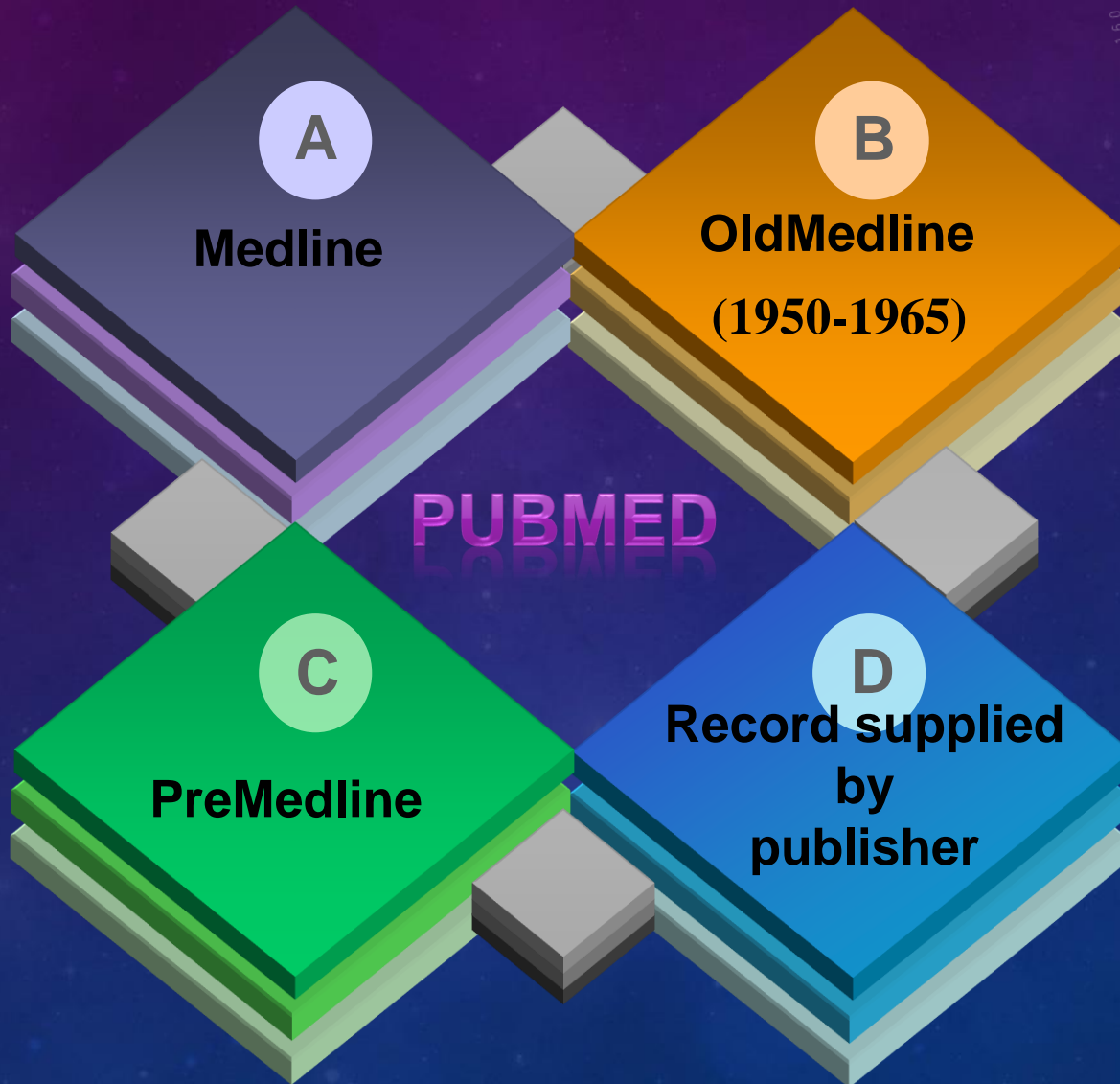
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社会医学

医技设备学

医学信息学

使用词表：**MeSH**（医学主题词表）

MEDLINE数据库简介

- **Medline是PubMed的核心内容**
- **收录范围**：来源于美国和世界上80多个国家和地区、50种语言的**7395种权威生物医学**及相关学科期刊，内容涉及生物医学各个领域；**90%**以上原文为英语，**70%**记录有文摘(1975年以前的文献无英文摘要)，**5%**免费全文。目前记录已达约2300万条，约60万篇/年。
- **回溯时间**：1966年至今。
- 记录中有[indexed for MEDLIEN]标记

PREMEDLINE

一种由正在加工处理中的文献记录组成的数据库，这些新记录还未被或正在标引，暂时存放在PreMEDLINE数据库中。每天更新，经过标引（增加主题词、文献类型、数据库存取号等字段）以后转入Medline，一旦记录被转入到Medline数据库，就被从原数据库中删除。检索时采用自由词检索。记录中有[PubMed-in process]的标记。

出版商提供的书目信息 (Record supplied by publisher)

出版商直接向PubMed提供的非Medline收录的电子刊物，记录标有[**Record as supplied by publishers**]标记。

如：Science或Nature中的地质学文献等。

标记不同，出自分库亦不同

□ **9:** [Suzan F, Ammor M, Ribrag V.](#)

Related Articles

Fatal reactivation of cytomegalovirus infection after use of rituximab for a post-transplantation lymphoproliferative disorder.

N Engl J Med. 2001 Sep 27;345(13):1000. No abstract available.

PMID: 11575282 [[PubMed - indexed for MEDLINE](#)]

□ **10:** [Sarkio S, Rautelin H, Kyllonen L, Honkanen E, Salmela K, Halme L.](#)

Related Articles

Should Helicobacter pylori infection be treated before kidney transplantation?

Nephrol Dial Transplant. 2001 Oct;16(10):2053-2057.

PMID: 11572896 [[PubMed - as supplied by publisher](#)]

□ **11:** [Ben-Dov IZ, Meiner V, Eid A.](#)

Related Articles

Kidney transplantation unraveling wolfram syndrome: a case report.

Transplantation. 2001 Sep 15;72(5):958-9.

PMID: 11571467 [[PubMed - in process](#)]

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- 获取生物医学权威期刊最多
- 世界上70多个国家的7395种权威期刊
- 多种检索方法，多条检索途径
- 时效性极强(每周更新)
- 回溯年代久远（1950年至今）
- 利用MeSH作为转换词表，标引质量高
- 部分文献可以免费获取全文
- 检全率、检准率高

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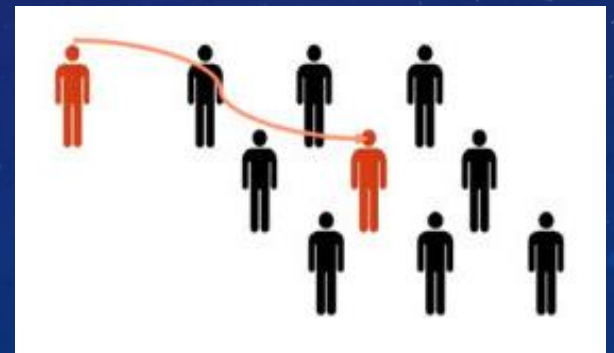
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PubMed检索机制

- **自动转换匹配功能(Automatic Term Mapping)**

对于输入的检索词，PubMed先按一定的词表顺序进行对照匹配和转换，再进行检索。词表匹配转换顺序是：**主题词注释表(MeSH Translation Table)**、**期刊注释表(Journal Translation Table)**、**常用词语表(Phrase list)**、**作者索引表(Author Index)**。如果在以上4个表中都找不到相匹配的词，PubMed将把短语分开，以单词为单位，分别重复以上的过程，检索时各个词之间是AND逻辑关系。如果仍找不到相匹配的词，则用单个词在所有字段查找，各个词之间也是AND逻辑关系。



MeSH Translation Table
主题词注释表

Journals Translation Table
期刊注释表

Common Phrase List
常用词组表

Author Index
作者索引表

No Mapping

检索词拆分
AND



PubMed检索机制

- Automatic Term Mapping: 词汇自动转换

- 1、MeSH Translation table 主题词注释表

Vitamin c 转换为:

“ascorbic acid” [MeSH Terms] OR “ascorbic” [All Fields] AND “acid” [All Fields]) OR "ascorbic acid"[All Fields] OR "vitamin c"[All Fields]

- 想要查验检索词的转换情况，并进行调整和保存检索策略，可看右下角的“search details”按钮

AUTOMATIC TERM MAPPING: 词汇自动转换

Search results

Items: 1 to 20 of 55747

<< First < Prev Page 1 of 2788 Next > Last >>

[Exposure to benzene metabolites causes oxidative damage in *Saccharomyces cerevisiae*.](#)

1. Raj A, Nachiappan V.
Antonie Van Leeuwenhoek. 2016 Mar 25. [Epub ahead of print]
PMID: 27016252
[Similar articles](#)

[Decreased expression of E-cadherin by *Porphyromonas gingivalis*-lipopolysaccharide attenuates](#)

2. [epithelial barrier function.](#)
Abe-Yutori M, Chikazawa T, Shibasaki K, Murakami S.
J Periodont Res. 2016 Mar 26. doi: 10.1111/jre.12367. [Epub ahead of print]
PMID: 27016120
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[A potential fluorescent probe: Maillard reaction product from glutathione and ascorbic acid for rapid and label-free dual detection of Hg²⁺ and biothiols.](#)

3. Dong JX, Song XF, Shi Y, Gao ZF, Li BL, Li NB, Luo HQ.
Biosens Bioelectron. 2016 Mar 14;81:473-479. doi: 10.1016/j.bios.2016.03.017. [Epub ahead of print]
PMID: 27015151
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New feature

Results by year

Related searches

PMC Images search for *Vitamin c*

Titles with your search terms

Find related data

Search details

```
"ascorbic acid"[MeSH Terms] OR  
("ascorbic"[All Fields] AND "acid"[All  
Fields]) OR "ascorbic acid"[All Fields]  
OR "vitamin c"[All Fields]
```

PubMed检索机制

- Automatic Term Mapping: 词汇自动转换

2、Journals Translation table 期刊注释表

New England journal of medicine 转换为

“N Engl J Med”[Journal]

3、Phrase List 常用词语表

“Cold compresses ” 在前两个表中均未找到，便在短语列表中找到这个词

PubMed检索机制

- **短语检索(Phrase Searching)**

- 也可称为**强迫词组检索**，即，如果要将短语作为一个词组进行检索，可用双引号“ ”将其引起来。如：“drug therapy”作为词组进行检索的词，系统不进行自动转换匹配，也不进行MeSH词的扩检。

PubMed的检索途径和方法

基本检索

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期刊检索

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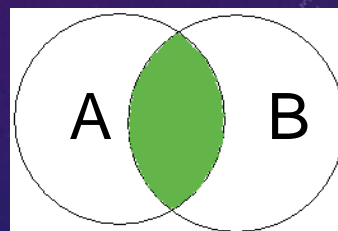
临床咨询

检索运算符

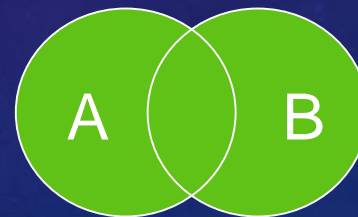
1、逻辑运算符：OR、AND、NOT

运算顺序：OR<AND<NOT，可用（）改变检索词的处理顺序。

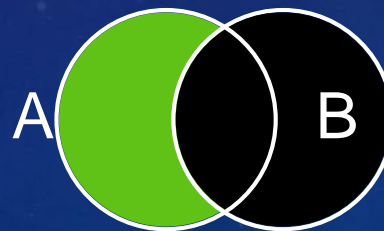
逻辑与（AND） ——检出记录中同时含有检索词A和检索词B.



逻辑或（OR） ——检出记录中含有检索词A或检索词B或同时含有检索词A和B的文献。



逻辑非（NOT） --在含检索词A的记录中，去掉含检索词B的记录。



检索运算符

2、截词符：*

eg: infect*, 可检出infection、infectious、infective、infectivity、infector等文献。截词功能只限于单词，对词组无效。

3、利用字段标识符进行限定检索：

检索式格式：检索词A[字段标识B]，检索在字段中含有检索词A的文献。如：**hepatitis**[TI]，**smith** [AU]。

4、强制检索符“ ”，将短语做为不可分割的整体进行检索。如：“**OXYGEN FREE RADICALS**”

5、设有停用字：A, is , are, it, they 等

注意： []和 “ ” 必须为英文或中文半角。

PUBMED检索字段标识

字段名称	字段标识	字段含义
Affiliation	[AD]	第一著者单位、地址
All Fields	[ALL]	所有字段
Author	[AU]	著者
CorporateAuthor	[CN]	团体著者
First Author Name	[1AU]	第一著者
Full Author Name	[FAU]	著者全名
ISBN	[ISBN]	ISBN
Issue	[IP]	期刊期号
Journal	[TA]	期刊名称（含全称、缩写、ISSN号）
Language	[LA]	语种
Last Author	[LASTAU]	排名最后的著者
MeSH Major Topic	[MAJR]	主要MeSH主题词，用*表示
MeSH Subheadings	[SH]	MeSH副主题词
MeSH Terms	[MH]	MeSH主题词
Other Term	[OT]	款目词（非MeSH主题词）
Pagination	[PG]	文献起止页码
Personal Name as Subject	[PS]	作为文献主题的人名
Pharmacological Action	[PA]	药理作用概念
Place of Publication	[PL]	期刊出版国别
Publication Date	[DP]	出版日期
Publication Type	[PT]	文献类型
Subset	[SB]	数据子集
Text Words	[TW]	文本词，来自TI、AB、MH、SH、PT等字段
Title	[TI]	题名
Title/Abstract	[TIAB]	题名/摘要
UID	[PMID]	PubMed文献唯一识别码
Volume	[VI]	期刊卷号

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Correcting the count: Author R Stachowiak posts link to erratum on misidentified cell lines used for publication. 1.usa.gov/1N0XnFI

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检索要诀

PubMed

- ✓ 明确你所要检索的关键概念及词语，即关键字
- ✓ 考虑到关键字的类似说法，即有可能出现的同义词

- ✓ 通过限定等，精炼你的检索范围
- ✓ 通过布尔（**BOOLEAN**）运算来提高你的效率
- ✓ 多向有经验的人求教

Pubmed基本检索

关键词、词(词组)或短语:

输入任意关键词: liver cancer、Lung cancer;

带有双引号“ ”作为短语检索: “cancer therapy”;

带有连接号“-”作为一个词组检索: interleukin-6。

限制检索字段: 如liver cancer[ti]

作者: Smith J 格式: 姓+名首字母缩写(不用标点)

在检索框内键入作者姓名Smith j, 系统会自动在作者字段内进行检索。仅知道作者姓, 则必须加上字段标识, 如: Smith[au] 2002年以后的文献若文中有作者全称可用全称检索。

Smith

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- [Thinking beyond borders: reconceptualising migration to better meet the needs of people in transit.](#)
- 1. **Smith J.**
 Int J Public Health. 2016 Mar 26. [Epub ahead of print] No abstract available.
 PMID: 27017421
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- [Estimating litter carbon stocks on forest land in the United States.](#)
- 2. Domke GM, Perry CH, Walters BF, Woodall CW, Russell MB, **Smith JE.**
 Sci Total Environ. 2016 Mar 24;557-558:469-478. doi: 10.1016/j.scitotenv.2016.03.090. [Epub ahead of print]
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作者姓名检索按照姓(全写)+名(缩写), 之间不用标点

"Smith J"[au]

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- [Thinking beyond borders: reconceptualising migration to better meet the needs of people in transit.](#)
- 1. **Smith J.**
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- 2. Zietman A, **Smith J,** Klein E, Droller M, Dasgupta P, Catto J.
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期刊刊名

可用期刊全称：GENE THERAPY[TA]

可用期刊标准缩写形式或简称：

JAMA[TA] , mol boil cell

可用期刊ISSN(国际标准出版物代码)：

1059-1524。

Pubmed基本检索

期刊刊名

如果期刊全名中包括括弧或方括号，输入时应予以取消：如J Hand Surg[Am],检索时应转换成：J hand Surg Am

语种为中文的期刊直接用汉语拼音：如中南大学学报医学版：Zhong Nan Da Xue Xue Bao Yi Xue Ban

注：如果一个期刊名恰好是主题词或关键词，如：cancer, science, cell等，PubMed会首先将这些词转换成MeSH词表中的主题词进行检索。因此，需要将检索请求进行标准化处理，即在杂志名后面加[TA]。如："cell"[ta]

Pubmed基本检索

- 复杂表达式：liver cancer **AND** therapy
- 带有摘要文献的检索：liver cancer **AND** has abstract
- 截词检索：扩大检索范围，提高查全率。

bacter*，可检出bacter，bacteria，bacteriophage，
bacterium等最多600个单词。

Pubmed基本检索

字段限制检索

采用字段限制方式进行检索，其规则是：

检索词1[字段标识] 逻辑运算符 检索词2[字段标识]

如：查找作者为Tesson s在2016年发表的标题中含有aids的文献。

检索式： **aids[ti] and Tesson s[au] and 2016[dp]**

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aids[ti] and Tesson s[au] and 2016[dp]

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Breast. 2016 Apr;26:31-45. doi: 10.1016/j.breast.2015.12.007. Epub 2016 Jan 8.

A systematic review of decision aids for patients making a decision about treatment for early breast cancer.

Nicholas Zdenkowski¹, Butow P², Tesson S², Boyle F³.

Author information

Abstract

Several complex treatment decisions may be offered to women with early stage breast cancer, about a range of treatments from different modalities including surgery, radiotherapy, and endocrine and chemotherapy. Decision aids can facilitate shared decision-making and improve decision-related outcomes. We aimed to systematically identify, describe and appraise the literature on treatment decision aids for women with early breast cancer, synthesise the data and identify breast cancer decisions that lack a decision aid. A prospectively developed search strategy was applied to MEDLINE, the Cochrane databases, EMBASE, PsycINFO, Web of Science and abstract databases from major conferences. Data were extracted

举例：肝癌的治疗

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Items: 1 to 20 of 96310

<< First < Prev Page 1 of 4816 Next > Last >>

- [An investigation of the relation between tumor-to-liver ratio \(TLR\) and tumor-to-blood standard uptake ratio \(SUR\) in oncological FDG PET.](#)
Hofheinz F, Bütof R, Apostolova I, Zöphel K, Steffen IG, Amthauer H, Kotzerke J, Baumann M, van den Hoff J.
EJNMMI Res. 2016 Dec;6(1):19. doi: 10.1186/s13550-016-0174-y. Epub 2016 Mar 2.
PMID: 26936768 Free PMC Article
[Similar articles](#)
- [In Vivo Bio-distribution and Efficient Tumor Targeting of Gelatin/Silica Nanoparticles for Gene Delivery.](#)
Zhao X, Wang J, Tao S, Ye T, Kong X, Ren L.
Nanoscale Res Lett. 2016 Dec;11(1):195. doi: 10.1186/s11671-016-1409-6. Epub 2016 Apr 12.
PMID: 27071682 Free PMC Article
[Similar articles](#)
- [Pathological complete response after percutaneous isolated hepatic perfusion in hepatocellular carcinoma with portal vein tumor thrombosis: a case report.](#)

Send to: Filters: [Manage Filters](#)

Results by year

Download CSV

PMC Images search for liver cancer and therapy

题录格式内容

[Liver-Specific Expressions of *HBx* and *src* in the *p53* Mutant Trigger](#)

1. [Hepatocarcinogenesis in Zebrafish.](#)

Lu JW, Yang WY, Tsai SM, Lin YM, Chang PH, Chen JR, Wang HD, Wu JL, Jin SL, Yuh CH.

PLoS One. 2013 Oct 9;8(10):e76951.

PMID: 24130815 [PubMed - as supplied by publisher] [Free Article](#)

[Related citations](#)

[\[Liver metastases from colon and rectal **cancer** in terms of differences in their clinical parameters\].](#)

15. Liška V, Emingr M, Skála M, Pálek R, Troup O, Novák P, Vyčítal O, Skalický T, Třeška V.

Rozhl Chir. 2016 Spring;95(2):69-77. [Czech.](#)

PMID: 27008168

[Similar articles](#)

CONCLUSION: As proven by our study, rectal cancer and colon cancer are two different nosological units with specific prognostic factors with respect to their liver metastases. These differences have not been fully understood yet and require further exploration and classification based not only on histopathological, immunohistochemical and clinical factors, but also on molecular biological parameters.

KEY WORDS: colon carcinoma metastases rectal carcinoma metastases prognostic factors overall survival - liver metastases.

PMID: 27008168 [PubMed - in process]

PubMed的检索途径和方法

基本检索

高级检索

主题检索

期刊检索

专用检索

临床咨询

Pubmed高级检索

NCBI Resources How To

PubMed.gov PubMed **Advanced** Search

US National Library of Medicine National Institutes of Health

Filters activated: Abstract available [Clear all](#)

PubMed PubMed.com MEDLINE, life full-text content

NCBI Resources How To Sign in to NCBI

PubMed Home More Resources Help

PubMed Advanced Search Builder

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
#2	Add	Search liu yh	2199	10:54:03
#1	Add	Search the first hospital of jilin university	2504	10:53:53

PubMed Advanced Search Builder

(#1) AND #2

[Edit](#)

[Clear](#)

点击Edit可编辑检索框里面的策略式

Builder

Recent Query #1

AND Recent Query #2

AND All Fields

- Affiliation
- All Fields
- Author
- Author - Corporate
- Author - First
- Author - Full
- Author - Identifier
- Author - Last
- Book
- Date - Completion
- Date - Create

字段选择

History

- Search AND in builder
- #2 OR in builder
- #1 NOT in builder
- Delete from history
- Show search results
- Show search details
- Save in My NCBI

检索史

[Download history](#) [Clear history](#)

Search	Query	Items found	Time
#2		2199	10:54:03
#1	hospital of jilin university	2504	10:53:53

等同于:

the first hospital of jilin university and liu yh

Article types

Clinical Trial
Review
Customize ...

Summary Sort by Most Recent

Search results

Items: 5

- [Inheritance of balanced translocation t\(17; 22\) from a Down syndrome mother to a phenotypically normal daughter.](#)

1. Liu XY, Jiang YT, Wang RX, Luo LL, [Liu YH](#), Liu RZ.
Genet Mol Res. 2015 Aug 28;14(3):10267-72. doi: 10.4238/2015.August.28.11.
PMID: 26345964 [Free Article](#)
[Similar articles](#)

- [IgG4-related autoimmune pancreatitis overlapping with Mikulicz's disease and lymphadenitis: a case report.](#)

2. Qu LM, [Liu YH](#), Brigstock DR, Wen XY, Liu YF, Li YJ, Gao RP.
World J Gastroenterol. 2013 Dec 28;19(48):9490-4. doi: 10.3748/wjg.v19.i48.9490.
PMID: 24409081 [Free PMC Article](#)
[Similar articles](#)

- [Connective tissue growth factor is overexpressed in human hepatocellular carcinoma and promotes cell invasion and growth.](#)

3. Xiu M, [Liu YH](#), Brigstock DR, He FH, Zhang RJ, Gao RP.
World J Gastroenterol. 2012 Dec 21;18(47):7070-8. doi: 10.3748/wjg.v18.i47.7070.
PMID: 23323010 [Free PMC Article](#)
[Similar articles](#)

- [Spontaneous hemoperitoneum from hepatic metastatic trophoblastic tumor.](#)

4. [Liu YH](#), Ma HX, Ji B, Cao DB.
World J Gastroenterol. 2012 Aug 21;18(31):4237-40. doi: 10.3748/wjg.v18.i31.4237.
PMID: 22919261 [Free PMC Article](#)
[Similar articles](#)

- [\[The value of spleen sub-pedicle two steps severance with LigaSure in laparoscopic splenectomy\].](#)

5. Wang GY, [Liu YH](#), Lü GY, Liu K, Zhang W, Li N, Tan YQ.
Zhonghua Wai Ke Za Zhi. 2008 Oct 1;46(19):1457-9. Chinese.
PMID: 19094620

Text availability

Abstract
Free full text
Full text

PubMed Commons

Reader comments
Trending articles

Publication dates

5 years
10 years
Custom range...

Species

Humans
Other Animals

[Clear all](#)[Show additional filters](#)

New feature

Try the new Display Settings option -
[Sort by Relevance](#)

Find related data

Database:

Search details

(#1) AND #2

[See more...](#)

Recent Activity

检索事半功倍

检索框

Filter

History

Clipboard

Details

Filter: 在这里可以进行以下设定

- 将搜索范围设定在一个特定的域。
- 将搜索范围设定在特定的年龄组、性别组、人或动物学范围
- 将搜索限定在某一语种出版的或某一特定的文章类型, 如综述
- 设定只搜索包含摘要的文献。

注意: 限制了出版物类型、年龄、人或动物、性别中的任何一项, 检索将只在Medline中进行检索 (因为这些特征限制只有Medline中才有)。

- Article types
 - Clinical Trial
 - Review
 - Customize ...
- Text availability
 - Abstract
 - Free full text
 - Full text
- PubMed Commons
 - Reader comments
 - Trending articles
- Publication dates
 - 5 years
 - 10 years
 - Custom range...
- Species
 - Humans
 - Other Animals

[Clear all](#)

[Show additional filters](#)

Summary 20 per page Sort by Most Recent

Send to:

Filters: [Manage Filters](#)

Search results

Items: 1 to 20 of 95089

<< First < Prev Page 1 of 4755 Next > Last >>

Additional filters

- Article types
- Text availability
- PubMed Commons
- Publication dates
- Species
- Languages
- Sex
- Subjects
- Journal categories
- Ages
- Search fields

[Show](#)

[Promising chance for oligometastatic breast cancer.](#)
 Tomita T, Villa E, Iftode C, Navarra P, D'Agostino GR, Masci G,
 2015.12.002. Epub 2016 Jan 3.

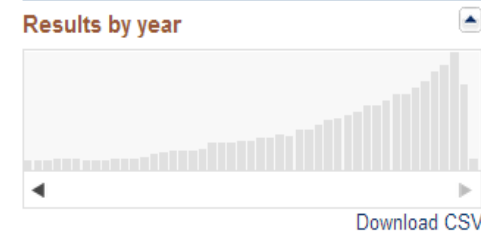
[Thin Margins and Narrower Resection Margins in Patients with Hepatocellular Carcinoma.](#)
 Kopetz SE, Passot G, Conrad C, Maru DM, Aloia TA, Vauthey JN.
 2015.12.003. Epub 2016 Feb 5.

[Hepatitis B or Hepatitis C Viruses.](#)
 2015.12.003. Epub 2016 Feb 5.

[Efficacy of Sunitinib and Transarterial Chemoembolization \(TACE\) in Hepatocellular Carcinoma \(HCC\): Phase II Trial.](#)
 Groman A, Khushalani NI, Lugade AA, Thanavala Y, Ashton EA,
 2015.12.003. Epub 2016 Feb 5.

[Hypothalamic-pituitary Adenomas: Current and Future Therapy.](#)
 2015.12.003. Epub 2016 Feb 5.

New feature
 Try the new Display Settings option - [Sort by Relevance](#)



Titles with your search terms

Transcatheter embolization **therapy** in **liver cancer**: an update of ([Chin J Cancer Res. 2015]

Selective Internal Radiation **Therapy** (SIRT) with yttrium-90 resin microsphere [BMC Cancer. 2014]

FOXFIRE protocol: an open-label, randomised, phase III trial of 5-fluorouracil [BMC Cancer. 2014]

[See more...](#)

Find related data

Search details

```
("liver neoplasms"[MeSH Terms] OR
("liver"[All Fields] AND "neoplasms"[All
Fields]) OR "liver neoplasms"[All Fields]
OR ("liver"[All Fields] AND "cancer"[All
Fields]) OR "liver cancer"[All Fields])
```

[Search](#) [See more...](#)

Article types

Clinical Trial
Review
Customize ...

Text availability

Abstract
Free full text
Full text

PubMed Commons

Reader comments
Trending articles

Publication dates

5 years
10 years
Custom range...

Species

Humans
Other Animals

Languages

English
Customize ...

Sex

Female
Male

Subjects

AIDS
Cancer
Systematic Reviews
Customize ...

Journal categories

Core clinical journals
Dental journals
MEDLINE
Nursing journals

Article types

Clinical Trial
Review
Systematic Reviews
More ...

文献类型

Publication dates

5 years
10 years
Custom range...

出版年

Ages

Child: birth-18 years
Infant: birth-23 months
Adult: 19+ years
Adult: 19-44 years
Aged: 65+ years
More ...

患者年龄

Text availability

Abstract
Free full text
Full text

摘要
免费全文
全文

Species

Humans
Other Animals

特征词

Languages

English
More ...

出版语言

PubMed Commons

Reader comments

Sex

Female
Male

Subjects

AIDS
Cancer
Systematic Reviews
More ...

Journal categories

Core clinical journals
Dental journals
MEDLINE
Nursing journals

期刊分类

History

The screenshot shows the PubMed Advanced Search Builder interface. At the top, there are navigation links for NCBI, Resources, and How To. Below this, there are buttons for PubMed Home, More Resources, and Help. The main heading is "PubMed Advanced Search Builder" with a "YouTube Tutorial" link. A text box prompts the user to "Use the builder below to create your search". Below this are "Edit" and "Clear" links. The "Builder" section contains two search fields, each with a dropdown menu set to "All Fields". The first field is followed by a minus sign and a "Show index list" link. The second field is preceded by "AND" and followed by a plus sign and a "Show index list" link. Below the builder is a "Search" button and a link to "Add to history". The "History" section is highlighted with a red box and contains a table of search history. The table has columns for Search, Add to builder, Query, Items found, and Time. Two entries are shown: #2 with query "Search liu yh" and 2199 items found at 10:54:03, and #1 with query "Search the first hospital of jilin university" and 2504 items found at 10:53:53. Links for "Download history" and "Clear history" are also present.

NCBI Resources How To Sign in to NCBI

PubMed Home More Resources Help

PubMed Advanced Search Builder YouTube Tutorial

Use the builder below to create your search

Edit Clear

Builder

All Fields [input] - Show index list

AND All Fields [input] - + Show index list

Search or Add to history

History Download history Clear history

Search	Add to builder	Query	Items found	Time
#2	Add	Search liu yh	2199	10:54:03
#1	Add	Search the first hospital of jilin university	2504	10:53:53

- 看到最近100次的查询结果。
- 如果两次查询内容相同，PubMed会将头一次的去除。
- 当点击 Clear History可以将History中的所有内容清除

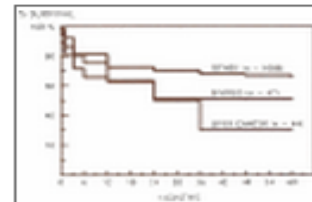
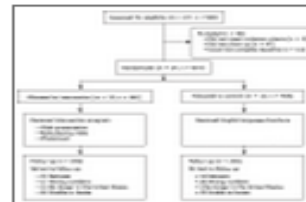
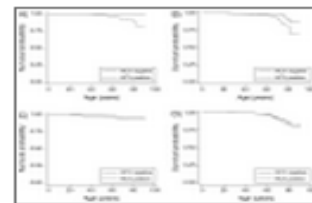
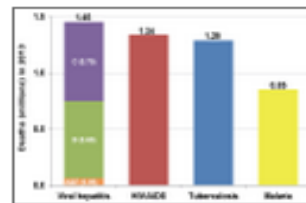
• Clipboard

- 剪贴板可以帮助你保存或查看在一个或多个查询中选择的条目。
- 可以打印、保存、订购剪贴板中的内容。
- 条目复选框选中，单击“send to clipboard”就可以将其加入剪贴板中。
- 剪贴板中最大的储存数是500条。
- 剪贴板中的内容在8小时内没有任何操作，将会自动消失。

The screenshot shows a search results interface. On the left, there are filters for 'Article types' (Clinical Trial, Review, Systematic Reviews, Customize ...) and 'Text availability' (Abstract). The main area displays 'Summary', '20 per page', and 'Sort by Most Recent'. The results are 'Results: 1 to 20 of 19099'. A green checkmark icon indicates '500 items were added to the Clipboard.' Below this, an information icon states 'Clipboard items will be lost after eight hours of inactivity. The maximum number of items is 500.' On the right, a 'Send to:' dropdown menu is open, showing options: File, Clipboard (highlighted with a red box), Collections, E-mail, Order, My Bibliography, and Citation manager. The 'Clipboard' option is selected, and the text 'Clipboard: 500 items' is visible next to the dropdown.

Details:

在提问框中键入的检索词被PubMed自动地转换成了哪些词，使用了怎样的检索规则和检索语法。



[See more \(137\)...](#)

Find related data

Database:

Search details

```
("liver neoplasms"[MeSH Terms] OR ("liver"  
[All Fields] AND "neoplasms"[All Fields])  
OR "liver neoplasms"[All Fields] OR  
("liver"[All Fields] AND "cancer"[All  
Fields]) OR "liver cancer"[All Fields]) AND  
("hepatitis"[MeSH Terms] OR "hepatitis"[All  
Fields] OR "hepatitis a"[MeSH Terms] OR  
"hepatitis a"[All Fields])
```

[See more...](#)

Search Details

Query Translation:

```
first[All Fields] AND ("hospitals"[MeSH Terms] OR "hospitals"  
[All Fields] OR "hospital"  
AND ("universities [MeSH Terms] OR "university"[All Fields]  
liu yh[Author] OR liu yh[Investigator]
```

对检索策略进行编辑

Result区显示检索结果的记录总数，点击这个数字，可回到检索结果显示屏

Search

URL

Result:

5

Stopword(s) Ignored:

the

of

and

Stopword Ignored区显示忽略的词汇

Translations:

Translation区显示检索词转换的详细情况

hospital	"hospitals"[MeSH Terms] OR "hospitals"[All Fields] OR "hospital"[All Fields]
liu yh	Liu, Yh[Full Author Name]
university	"universities"[MeSH Terms] OR "university"[All Fields]

Database区显示检索的数据库

Database:

PubMed

User query:

the first hospital of jilin universi

User Query 区显示用户键入的检索词或检索式

PubMed的检索途径和方法

基本检索

高级检索

主题检索

期刊检索

专用检索

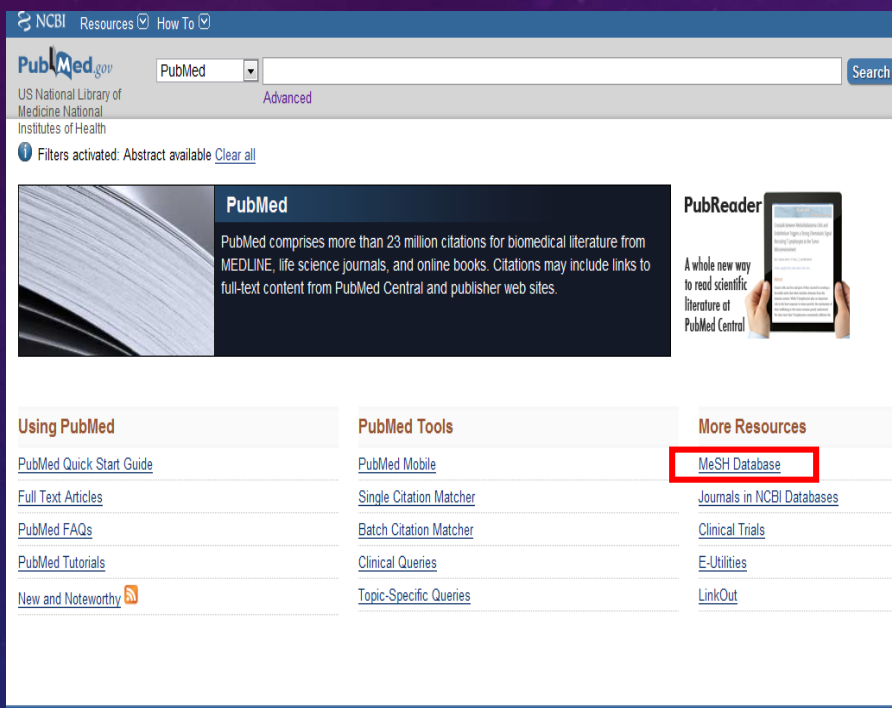
临床咨询

PubMed主题词检索

MeSH是**医学主题词**Medical Subject Headings的**缩略词**，是用规范化的医学术语来描述生物医学概念，其中论述文献中心的主题词称**主要主题词**，论述主题某一方面的内容的词称为**副主题词**。



进入途径:



The screenshot shows the PubMed homepage. At the top, there is a search bar with "PubMed" entered and a "Search" button. Below the search bar, there is a navigation menu with "PubMed Home" and "More". The main content area features a "PubMed" banner with a description of the database and a "PubReader" section. Below the banner, there are three columns of links: "Using PubMed", "PubMed Tools", and "More Resources". The "MeSH Database" link in the "More Resources" column is highlighted with a red box.

NCBI Resources How To

PubMed.gov

US National Library of Medicine National Institutes of Health

Filters activated: Abstract available Clear all

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.

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

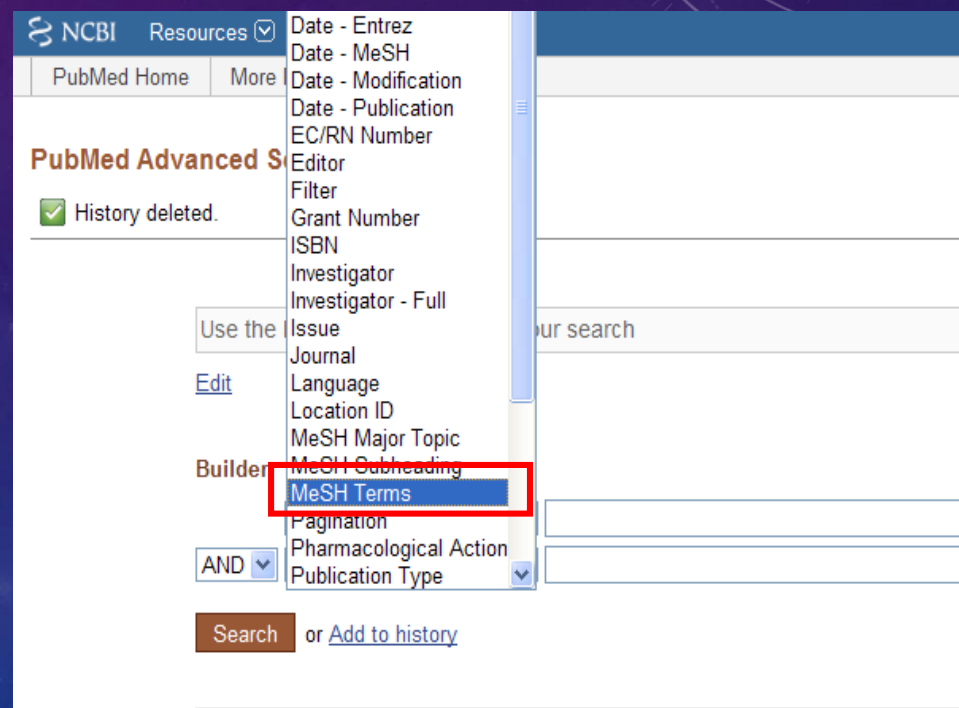
MeSH Database

Journals in NCBI Databases

Clinical Trials

E-Utilities

LinkOut



The screenshot shows the PubMed search dropdown menu. The menu is open, displaying a list of search filters. The "MeSH Terms" option is highlighted with a red box. The menu also includes a "Search" button and a link to "Add to history".

NCBI Resources

PubMed Home More

PubMed Advanced Search

History deleted.

Use the

Edit

Builder

AND

Search or Add to history

- Date - Entrez
- Date - MeSH
- Date - Modification
- Date - Publication
- EC/RN Number
- Editor
- Filter
- Grant Number
- ISBN
- Investigator
- Investigator - Full
- Issue
- Journal
- Language
- Location ID
- MeSH Major Topic
- MeSH Subheading
- MeSH Terms**
- Pagination
- Pharmacological Action
- Publication Type

MeSH Database:

例：病毒唑 (Ribavirin) 治疗麻疹 (Measles) 的文献

- 两个概念：病毒唑 (Ribavirin)

- 麻疹 (Measles)

- 对病毒唑来说是利用其治疗疾病，故其应组配副主题词“治疗应用 (therapeutic use)”
 - 对麻疹来说是利用药物来治疗，故其应组配副主题词“药物疗法 (drug therapy)”
- 逻辑关系：AND

检索流程

第一步：检索病毒唑的治疗应用

MeSH

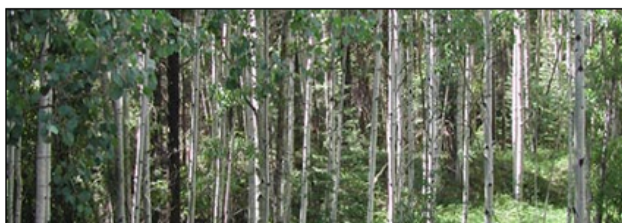
MeSH

Ribavirin

Limits Advanced

Search

Help



MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

MeSH

MeSH

Ribavirin

Create alert Limits Advanced

Search

Help

Summary 20 per page

主题词轮排表

Send to:

PubMed Search Builder

Add to search builder AND

Search PubMed

YouTube Tutorial

Find related data

Database: Select

Find items

Search details

"ribavirin"[MeSH Terms] OR Ribavirin[Text Word]

Search

See more...

Search results

Items: 13

Ribavirin
1. A nucleoside antimetabolite antiviral agent that blocks nucleic acid synthesis and is used against both RNA and DNA viruses.
Year introduced: 1991(1978)

ribavirin 5'-diphosphate [Supplementary Concept]
2. Date introduced: June 23, 1988

ribavirin-5'-phosphate [Supplementary Concept]
3. RN given refers to 5'-phosphate cpd; structure
Date introduced: January 1, 1974

5'-O-galactopyranosyl ribavirin [Supplementary Concept]
4. Date introduced: December 8, 1987

5'-O-glucopyranosyl ribavirin [Supplementary Concept]
5. Date introduced: December 8, 1987

ribavirin 5'-triphosphate [Supplementary Concept]

MeSH

MeSH

Search

Limits Advanced

Help

Full

主题词细节屏

Send to

Ribavirin

A nucleoside antimetabolite antiviral agent that blocks nucleic acid synthesis and is used against both RNA and DNA viruses.

Year introduced: 1991(1978)

主题词词义注释

PubMed search builder options

Subheadings:

- | | | |
|---|--|--|
| <input type="checkbox"/> administration and dosage | <input type="checkbox"/> chemistry | <input type="checkbox"/> pharmacokinetics |
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> classification | <input type="checkbox"/> pharmacology |
| <input type="checkbox"/> agonists | <input type="checkbox"/> contraindications | <input type="checkbox"/> physiology |
| <input type="checkbox"/> analogs and derivatives | <input type="checkbox"/> economics | <input type="checkbox"/> standards |
| <input type="checkbox"/> analysis | <input type="checkbox"/> etiology | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> antagonists and inhibitors | <input type="checkbox"/> immunology | <input type="checkbox"/> supply and distribution |
| <input type="checkbox"/> blood | <input type="checkbox"/> isolation and purification | <input checked="" type="checkbox"/> therapeutic use |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> metabolism | |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> organization and administration | |

副主题词选择

- Restrict to MeSH Major Topic.
- Do not include MeSH terms found below this t

加权检索

不扩展检索

Tree Number(s): D13.570.800.790

MeSH Unique ID: D012254

Registry Number: 49717AWG6K

Entry Terms:

- Tribavirin
- Ribovirin
- Rebetol
- Merck Brand of Ribavirin

PubMed Search Builder

Search builder input area

Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

- PubMed
- PubMed - Major Topic
- Clinical Queries
- NLM MeSH Browser
- MedGen
- PubChem Compound

副主题词：对一个主题词的多个方面进行修饰限定的词，又称限定词。目前有83个副主题词，但并非每个主题词都能和83个副主题词组配

★不选择副主题词时，默认相当于选择全部副主题词★

Entry Terms:

- Tribavirin
- Ribovirin
- Rebetol
- Merck Brand of Ribavirin
- Ribavirin Merck Brand
- Pfizer Brand of Ribavirin
- Essex Brand of Ribavirin
- Virazole
- Vilona
- ICN Brand of Ribavirin
- Ribasphere
- Three Rivers Pharmaceuticals Brand of Ribavirin
- Viramide
- Virazide
- Grossman Brand of Ribavirin
- Dermatech Brand of Ribavirin
- ICN-1229
- ICN 1229
- ICN1229
- Ribamide
- Ribamidyl
- Ribamidil

Previous Indexing:

- [Amides \(1966-1974\)](#)
- [Nucleosides \(1966-1972\)](#)
- [Ribonucleosides \(1973-1974\)](#)
- [Triazoles \(1966-1974\)](#)

Pharmacologic Action:

- [Antimetabolites](#)
- [Antiviral Agents](#)

All MeSH Categories

Chemicals and Drugs Category

Nucleic Acids, Nucleotides, and Nucleosides

Nucleosides

Ribonucleosides

入口词

曾用名

药理作用

树状结构

🔍 "Ribavirin

📄 Ribavirin

🔍 liver (961

🔍 Polypept
Respons

🔍 I-Cystine
as a Red

All MeSH Categories

Diseases Category

Nutritional and Metabolic Diseases

Metabolic Diseases

Glucose Metabolism Disorders

Diabetes Mellitus

Diabetes Mellitus, Experimental

Diabetes Mellitus, Type 1

Wolfram Syndrome

Diabetes Mellitus, Type 2

Diabetes Mellitus, Lipoatrophic

Diabetes, Gestational

Diabetic Ketoacidosis

Donohue Syndrome

Prediabetic State

All MeSH Categories

Diseases Category

Endocrine System Diseases

Diabetes Mellitus

Diabetes Complications

Diabetic Angiopathies +

Diabetic Cardiomyopathies

Diabetic Coma +

Diabetic Ketoacidosis

Diabetic Nephropathies

Diabetic Neuropathies +

Fetal Macrosomia

Diabetes Mellitus, Experimental

Diabetes Mellitus, Type 1

Wolfram Syndrome

Diabetes Mellitus, Type 2

Diabetes Mellitus, Lipoatrophic

Diabetes, Gestational

Donohue Syndrome

Prediabetic State

主题词等级排列，检索时可以将包含其下位词的文献都检索出来。一个主题词可以同时处在不同类目下。

检索病毒唑的治疗应用

MeSH

MeSH

Search

Limits Advanced

Help

Full

Send to:

Ribavirin

A nucleoside antimetabolite antiviral agent that blocks nucleic acid synthesis and is used against bo
Year introduced: 1991(1978)

PubMed search builder options

Subheadings:

- | | |
|---|--|
| <input type="checkbox"/> administration and dosage | <input type="checkbox"/> chemistry |
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> classification |
| <input type="checkbox"/> agonists | <input type="checkbox"/> contraindications |
| <input type="checkbox"/> analogs and derivatives | <input type="checkbox"/> economics |
| <input type="checkbox"/> analysis | <input type="checkbox"/> etiology |
| <input type="checkbox"/> antagonists and inhibitors | <input type="checkbox"/> immunology |
| <input type="checkbox"/> blood | <input type="checkbox"/> isolation and purification |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> metabolism |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> organization and administration |

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

Tree Number(s): D13.570.800.790

MeSH Unique ID: D012254

Registry Number: 49717AWG6K

Entry Terms:

- Tribavirin
- Ribovirin
- Rebetol

点击
搜索生成器

点击搜索
PUBMED

therapeutic use

PubMed Search Builder

"Ribavirin/therapeutic use" [Mesh]

Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

MedGen

PubChem Compound

PubChem Substance

Recent Activity

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Q "Ribavirin/therapeutic use"[Mesh] (8381)

PubMed

Ribavirin

PubMed "Ribavirin/therapeutic use"[Mesh] Search

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Help

Summary 20 per page Sort by Publication Date

Send to: Filters: [Manage Filters](#)**Search results****Items: 1 to 20 of 8381**

<< First < Prev Page 1 of 420 Next > Last >>

- [Sofosbuvir and Velpatasvir for HCV in Patients with Decompensated Cirrhosis.](#)
1. Curry MP, O'Leary JG, Bzowej N, Muir AJ, Korenblat KM, Fenkel JM, Reddy KR, Lawitz E, Flamm SL, Schiano T, Teperman L, Fontana R, Schiff E, Fried M, Doehle B, An D, McNally J, Osinusi A, Brainard DM, McHutchison JG, Brown RS Jr, Charlton M; ASTRAL-4 Investigators. *N Engl J Med.* 2015 Dec 31;373(27):2618-28. doi: 10.1056/NEJMoa1512614. Epub 2015 Nov 16. PMID: 26569658 [Similar articles](#)
- [Task-Shifting: An Approach to Decentralized Hepatitis C Treatment in Medically Underserved Areas.](#)
2. Jayasekera CR, Perumpail RB, Chao DT, Pham EA, Aggarwal A, Wong RJ, Ahmed A. *Dig Dis Sci.* 2015 Dec;60(12):3552-7. PMID: 26467703 [Similar articles](#)
- [Plasma levels of growth-related oncogene \(CXCL1-3\) associated with fibrosis and platelet counts in HCV-infected patients.](#)
3. Johansson S, Talloen W, Tuefferd M, Darling JM, Scholliers A, Fanning G, Fried MW, Aerssens J. *Aliment Pharmacol Ther.* 2015 Nov;42(9):1111-21. doi: 10.1111/apt.13389. Epub 2015 Aug 28. PMID: 26314558 [Similar articles](#)
- [Oral Ribavirin for the Treatment of Noninfluenza Respiratory Viral Infections: A Systematic Review.](#)
4. Gross AE, Bryson ML. *Ann Pharmacother.* 2015 Oct;49(10):1125-35. doi: 10.1177/1060028015597449. Epub 2015 Jul 30. Review. PMID: 26228937

题录格式界面

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"Ribavirin/therapeutic use" [Mesh]

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同样的方法检索麻疹的药物治疗后，进行逻辑组配

PubMed Advanced Search Builder

YouTube Tutorial

(#3) AND #6

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[Clear](#)

Builder

Recent Query #3

AND Recent Query #6

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

逻辑组配 (#3 and #6)

History

[Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#6	Add	Search "Measles/drug therapy"[Mesh] Sort by: PublicationDate	350	22:16:59
#3	Add	Search "Ribavirin/therapeutic use"[Mesh] Sort by: PublicationDate	8381	22:08:26

“病毒唑治疗麻疹”的文献

PubMed

(#3) AND #6

Search

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Search results

Items: 1 to 20 of 32

<< First < Prev Page 1 of 2 Next > Last >>

- [A serial ¹⁸F-DG-PET study of a patient with SSPE who had good prognosis by combination therapy with interferon alpha and ribavirin.](#)
 1. Ohya T, Yamashita Y, Shibuya I, Hara M, Nagamitsu S, Kaida H, Kurata S, Ishibashi M, Matsuishi T. Eur J Paediatr Neurol. 2014 Jul;18(4):536-9. doi: 10.1016/j.ejpn.2014.03.001. Epub 2014 Mar 12. PMID: 24679544 [Similar articles](#)
- [Measles outbreak in a pediatric oncology unit and the role of ribavirin in prevention of complications and containment of the outbreak.](#)
 2. Roy Moulik N, Kumar A, Jain A, Jain P. Pediatr Blood Cancer. 2013 Oct;60(10):E122-4. doi: 10.1002/pbc.24575. Epub 2013 Apr 29. PMID: 23629813 [Similar articles](#)
- [\[Anti SSPE drugs\].](#)
 3. Hosoya M. Nihon Rinsho. 2012 Apr;70(4):625-8. Review. Japanese. PMID: 22568144 [Similar articles](#)
- [\[Subacute sclerosing panencephalitis \(SSPE\)\].](#)
 4. Hosoya M. Rinsho Shinkeigaku. 2011 Nov;51(11):1047-50. Japanese. PMID: 22277474 [Similar articles](#)

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- **加权检索**，提高查准率。
- 了解**树形结构**，**扩展检索**，提高**查全率**
- 了解**同义词**，提高**查全率**。



检索方法综合运用举例

——在PubMed中检索研究中国助产士的文献





高级检索举例

——在PubMed中检索研究中国助产士的文献





高级检索举例分析

第一个方面：内容是研究中国助产士的文献

Builder

Title/Abstract	midwife OR midwives OR accoucheur OR nurse midwifery	-	Show index list
AND	Title/Abstract	china OR chinese	- + Show index list

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

History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



高级检索举例分析

第二个方面：作者机构是中国的有关助产士的文献

Builder

Title/Abstract midwife OR midwives OR accoucheur OR nurse midwifery

AND Affiliation China OR Chinese OR Taiwan OR Aomen OR HongKong

Search or [Add to history](#)

[Show index list](#)

[Show index list](#)

History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#2	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])	73	04:29:27
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



高级检索举例分析

第三个方面：语种是中文的有关助产士的文献

Builder

Title/Abstract [Show index list](#)

AND [Show index list](#)

or [Add to history](#)

History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#3	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]	27	04:31:57
#2	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])	13	04:29:27
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



主题词检索举例分析

NCBI Resources How To

MeSH MeSH Search

[Limits](#) [Advanced](#)

History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#5	Add	Search ("China"[Mesh]) OR "Taiwan"[Mesh]	150064	04:35:37
#3	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]	27	04:31:57
#2	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])	73	04:29:27
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



主题词检索举例分析

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Search	Add to builder	Query	Items found	Time
#7	Add	Search "Nurse Midwives"[Mesh]	6328	04:40:26
#5	Add	Search ("China"[Mesh]) OR "Taiwan"[Mesh]	150064	04:35:37
#3	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]	27	04:31:57
#2	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])	73	04:29:27
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



主题词检索举例分析

Builder

All Fields [Show index list](#)

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History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#8	Add	Search (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh]	19	04:46:10
#7	Add	Search "Nurse Midwives"[Mesh]	6328	04:40:26
#5	Add	Search ("China"[Mesh]) OR "Taiwan"[Mesh]	150064	04:35:37
#3	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]	27	04:31:57
#2	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])	73	04:29:27
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



检索结果去重

Builder

All Fields	(((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]) OR (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh])	Show index list	
OR	All Fields	(((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]) OR (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh])	Show index list
OR	All Fields	(((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]) OR (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh])	Show index list
OR	All Fields	(((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]) OR (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh])	Show index list
AND	All Fields		Show index list

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History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#9	Add	Search ((((((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])) OR (((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]) OR (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh])	168	04:50:24
#8	Add	Search (((("China"[Mesh]) OR "Taiwan"[Mesh])) AND "Nurse Midwives"[Mesh])	19	04:46:10
#7	Add	Search "Nurse Midwives"[Mesh]	6328	04:40:26
#5	Add	Search ("China"[Mesh]) OR "Taiwan"[Mesh]	150064	04:35:37
#3	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND Chinese[Language]	27	04:31:57
#2	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Affiliation] OR Chinese[Affiliation] OR TaiWan[Affiliation] OR AoMen[Affiliation] OR HongKong[Affiliation])	73	04:29:27
#1	Add	Search ((midwife[Title/Abstract] OR midwives[Title/Abstract] OR accoucheur[Title/Abstract] OR nurse midwifery[Title/Abstract])) AND (China[Title/Abstract] OR Chinese[Title/Abstract])	117	04:23:01



结果分析

——四个检索的文献量所占比例



去重后总文献量为168篇，检索截止时间为2016年8月29日

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common cold

Search

Clinical Study Categories

Category: Therapy
Scope: Etiology, Diagnosis, Therapy, Prognosis

Results: 5
A Systematic Review of the Risks Factors Associated with the Onset and Natural Progression of Hydrocephalus.

Walsh S, Donnan J, Morrissey A, Sikora L, Bowen S, Collins K, MacDonald D. Neurotoxicology. 2016 Mar 18; . Epub 2016 Mar 18.

Comparison of Common Tonsillectomy Methods.
Sattar MA, Sultana T. Mymensingh Med J. 2016 Jan; 25(1):50-4.

Calcium channel blockers for primary Raynaud's phenomenon.
Ennis H, Hughes M, Anderson ME, Wilkinson J, Herrick AL. Cochrane Database Syst Rev. 2016 Feb 25; 2:CD002069. Epub 2016 Feb 25.

Systematic Reviews

Results: 5 of 242
A Systematic Review of the Risks Factors Associated with the Onset and Natural Progression of Hydrocephalus.

Walsh S, Donnan J, Morrissey A, Sikora L, Bowen S, Collins K, MacDonald D. Neurotoxicology. 2016 Mar 18; . Epub 2016 Mar 18.

Calcium channel blockers for primary Raynaud's phenomenon.
Ennis H, Hughes M, Anderson ME, Wilkinson J, Herrick AL. Cochrane Database Syst Rev. 2016 Feb 25; 2:CD002069. Epub 2016 Feb 25.

A Systematic Review of Outcomes and Complications of Primary Fingertip Reconstruction Using Reverse-Flow Homodigital Island Flaps.

Medical Genetics

Topic: All
All, Diagnosis, Differential Diagnosis, Clinical Description, Management, Genetic Counseling, Molecular Genetics, Genetic Testing

Results: 1
COLD-P approach to inherited sensitive ally
Galbiati S, Natacci F, Castellani C. J Med Genet. 2016 Feb 24; . Epub 2016 Feb 24.

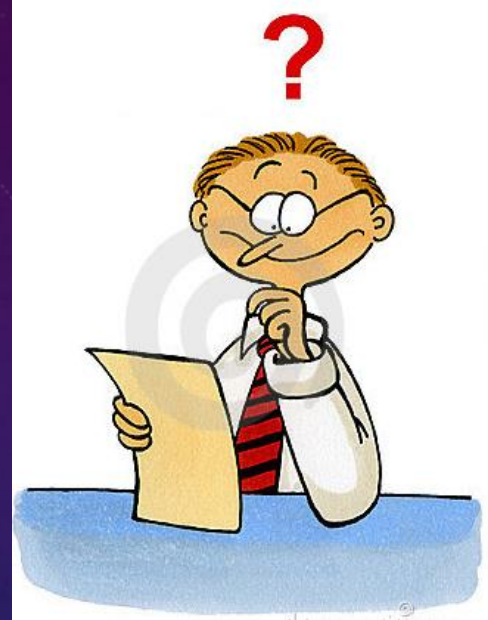
Effect of endocannabinoid degradation on pain: role of FAAH polymorphisms in experimental and postoperative pain in women treated for breast cancer.
Cajanus K, Holmström EJ, Wessman M, Anttila V, Kaunisto MA, Kalso E. Pain. 2016 Feb; 157(2):361-9.

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- ◆ 检索结果的处理
- ◆ PubMed的个性化服务

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- ◆ 检索结果的显示与标记
- ◆ 检索结果的保存及订购



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Publication dates

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- 10 years
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Species

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- Other Animals

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2: Schillaci G, Battista F, Pucci G. Response to are observational studies more informative than randomized controlled trials in hypertension? Pro side of the argument. Hypertension. 2013 Sep;62(3):469. PubMed PMID: 24137633.

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4: Karamat FA, Oudman I, Ris-Stalpers C, Afink GB, Keijser R, Clark JF, van Montfrans GA, Brewster LM. Resistance Artery Creatine Kinase mRNA and Blood Pressure in Humans. Hypertension. 2013 Oct 14. [Epub ahead of print] PubMed PMID: 24126179.

5: Rodriguez-Leyva D, Weighell W, Edel AL, Lavallee R, Dibrov E, Pinneker R, Maddaford TG, Ramjiawan B, Aliani M, Guzman R, Pierce GN. Potent Antihypertensive Action of Dietary Flaxseed in Hypertensive Patients. Hypertension. 2013 Oct 14. [Epub ahead of print] PubMed PMID: 24126178.

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1. 1,2-diacylglycerol content in thoracic aorta of spontaneously hypertensive rats.

Okumura K, Kondo J, Shirai Y, Muramatsu M, Yamada Y, Hashimoto H, Ito T.

Second Department of Internal Medicine, Nagoya University School of Medicine, Japan.

Abstract

Phosphoinositide metabolism participates in the control of cell calcium homeostasis. Because a notable neutral lipid (1,2-diacylglycerol) is generated from phosphoinositide hydrolysis and is assumed to be a secondary messenger, we determined 1,2-diacylglycerol content and its fatty acid profiles in the thoracic aorta of spontaneously hypertensive rats (SHR) and compared it with those of normotensive Wistar-Kyoto (WKY) rats. After the aorta was exposed to 10(-5) M norepinephrine as a stimulant, 1,2-diacylglycerol content in SHR was significantly higher by 33% than in WKY rats at 4 weeks of age, whereas there was no difference in 1,2-diacylglycerol content between the two strains at 20 weeks of age. Before norepinephrine stimulation, there was no significant difference in 1,2-diacylglycerol level between the two strains at 4 weeks of age. Analysis on a gas chromatograph showed that 1,2-diacylglycerol was composed of similar molecular species of fatty acids in aortas obtained from SHR and WKY rats. On the other hand, the cholesterol content of aortas was higher in SHR than in WKY rats at 20 weeks of age, whereas the difference at 4 weeks was not significant. Phosphatidylcholine, phosphatidylethanolamine, and triglyceride showed no significant difference between the two strains. It is concluded that norepinephrine-induced 1,2-diacylglycerol production increases in the thoracic aorta of SHR before the development of hypertension.

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AB - Phosphoinositide metabolism participates in the control of cell calcium homeostasis. Because a notable neutral lipid (1,2-diacylglycerol) is generated from phosphoinositide hydrolysis and is assumed to be a secondary messenger, we determined 1,2-diacylglycerol content and its fatty acid profiles in the thoracic aorta of spontaneously hypertensive rats (SHR) and compared it with those of normotensive Wistar-Kyoto (WKY) rats. After the aorta was exposed to 10(-5) M norepinephrine as a stimulant, 1,2-diacylglycerol content in SHR was significantly higher by 33% than in WKY rats at 4 weeks of age, whereas there was no difference in 1,2-diacylglycerol content between the two strains at 20 weeks of age. Before norepinephrine stimulation, there was no significant difference in 1,2-diacylglycerol level between the two strains at 4 weeks of age. Analysis on a gas chromatograph showed that 1,2-diacylglycerol was composed of similar molecular species of fatty acids in aortas obtained from SHR and WKY rats. On the other hand, the cholesterol content of aortas was higher in SHR than in WKY rats at 20 weeks of age, whereas the difference at 4 weeks was not significant. Phosphatidylcholine, phosphatidylethanolamine, and triglyceride showed no significant difference between the two strains. It is concluded that norepinephrine-induced 1,2-diacylglycerol production increases in the thoracic aorta of SHR before the development of hypertension.
AD - Second Department of Internal Medicine, Nagoya University School of Medicine, Japan.
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Incident Atrial Fibrillation Hazard in Hypertensive Population: A Risk Function From and For Clinical Practice.

Alves-Cabratosa L¹, Garcia-Gil M¹, Comas-Cufi M¹, Ponjoan A¹, Marti R¹, Parramon D¹, Blanch J¹, Ramos R².

⊕ Author information

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¹From the Vascular Health Research Group of Girona (ISV-Girona), Jordi Gol Institute for Primary Care Research (IDIAP Jordi Gol), Catalonia, Spain (L.A.-C., M.G.-G., M.C.-C., A.P., R.M., D.P., J.B., R.R.); Translab Research Group, Department of Medical Sciences, School of Medicine, University of Girona, Girona, Spain (M.G.-G., R.R.); Epidemiology and Vascular Health Research Group, Girona Biomedical Research Institute (IDIBGI), Dr. Trueta University Hospital, Catalonia, Spain (A.P., R.M.); Primary Care Services, Girona, Spain (D.P., R.R.); and Catalan Institute of Health (ICS), Catalonia, Spain (D.P., R.R.).

²From the Vascular Health Research Group of Girona (ISV-Girona), Jordi Gol Institute for Primary Care Research (IDIAP Jordi Gol), Catalonia, Spain (L.A.-C., M.G.-G., M.C.-C., A.P., R.M., D.P., J.B., R.R.); Translab Research Group, Department of Medical Sciences, School of Medicine, University of Girona, Girona, Spain (M.G.-G., R.R.); Epidemiology and Vascular Health Research Group, Girona Biomedical Research Institute (IDIBGI), Dr. Trueta University Hospital, Catalonia, Spain (A.P., R.M.); Primary Care Services, Girona, Spain (D.P., R.R.); and Catalan Institute of Health (ICS), Catalonia, Spain (D.P., R.R.). ramos.girona.ics@gencat.cat.

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Okumura K, Kondo J, Shirai Y, Muramatsu M, Yamada Y, Hashimoto H, Ito T.

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