

# 利用EMBASE全面获取生物 医学和药理学相关信息

[www.embase.com](http://www.embase.com)

高蕾

*Elsevier* 生命科学产品线经理

2015.5

[e.gao@elsevier.com](mailto:e.gao@elsevier.com)



# 主要内容

## ❖ *Embase*的整体介绍

## ❖ *Embase*检索方法和技巧

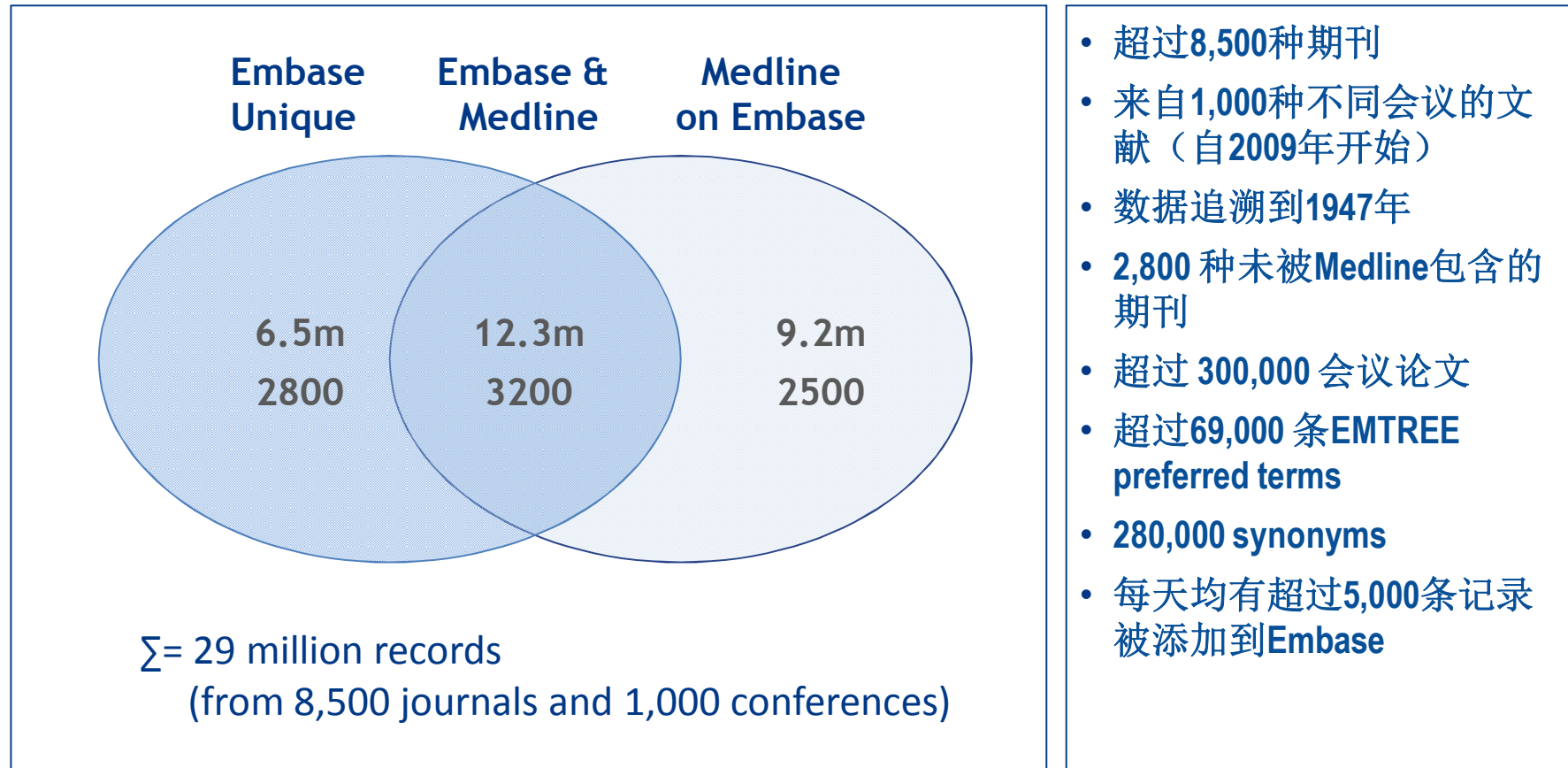
- 快速检索
- 高级检索
- 药物检索
- 疾病检索
- 多个检索条件的组合
- 检索结果的导出、保存和共享

# EMBASE整体介绍



# 什么是EMBASE.COM?

Elsevier公司为同时检索检索Embase和Medline提供的网络平台，它的数据来源包括：



# EMBASE完全涵盖MEDLINE,且数据可追溯到1947年

*EMBASE & MEDLINE & EMBASE CLASSIC*

## What databases does *Embase* contain?

---

When you use *Embase*, you don't need to know which database your results come from. *Embase* retrieves information in a combined search, unless you have specifically designed your search to retrieve records from one particular database.

*Embase* contains the *Embase* database, the MEDLINE database, and the *Embase Classic* database. However, as mentioned, these three behave as a single database.

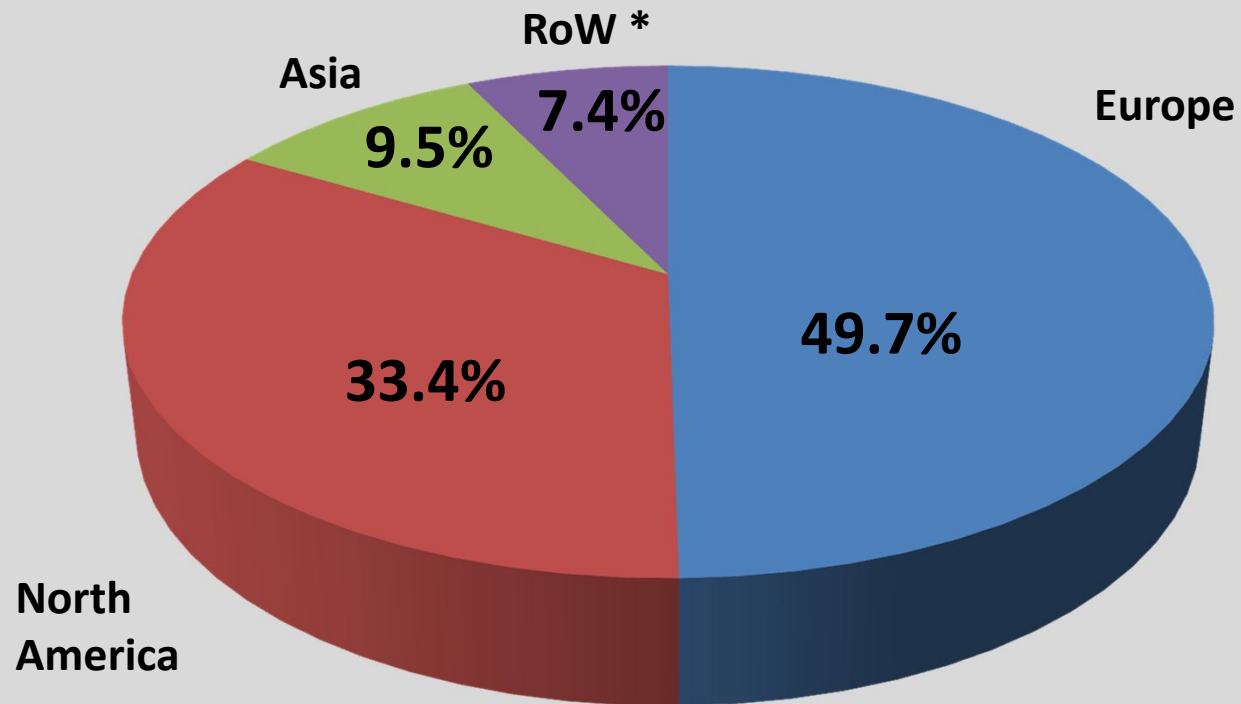
The *Embase* database contains biomedical literature from 1974 to present.

The MEDLINE database covers journals from 1966 to present.

*Embase Classic* is the *Embase* back file covering almost 2 million biomedical and pharmacological citations drawn from over 3,000 international titles from between 1947 and 1973.

## EMBASE收录的文献范围...

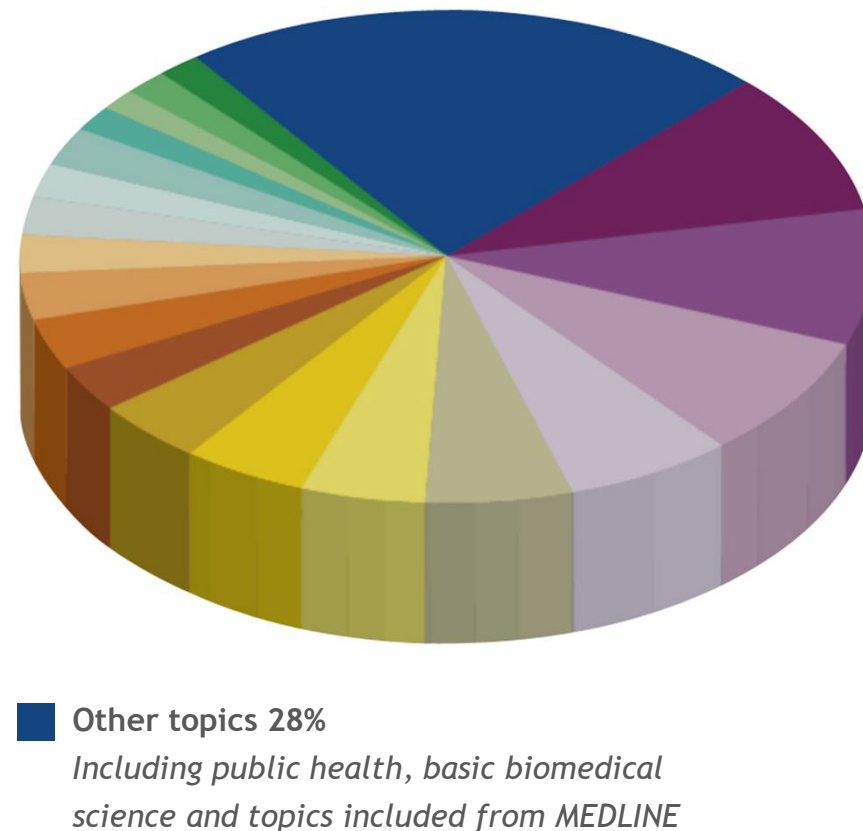
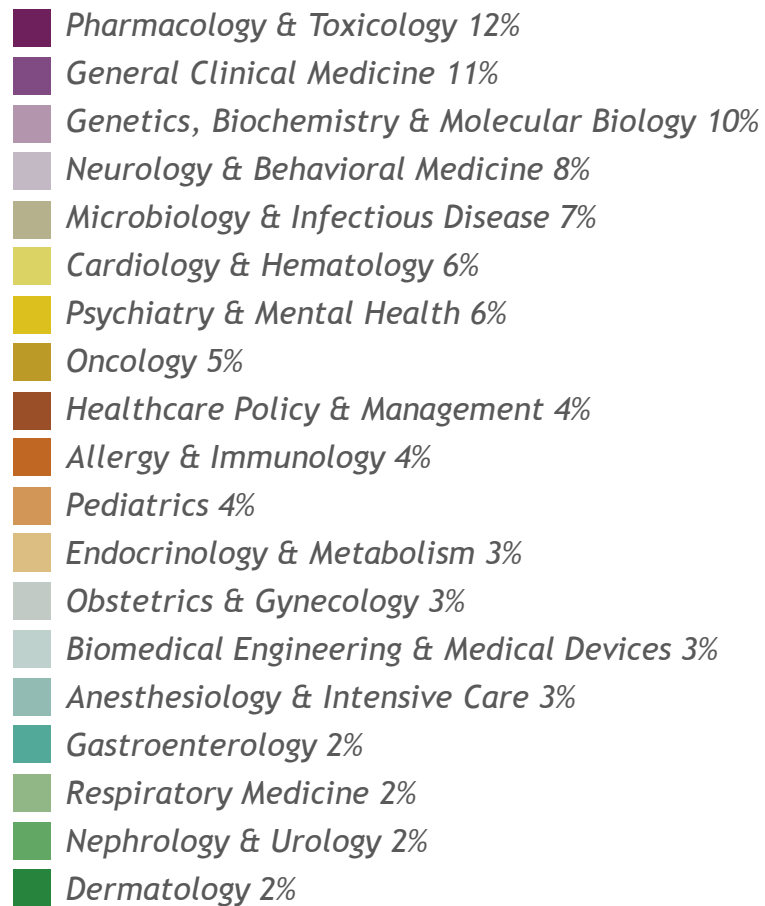
8,436 JOURNAL TITLES (MARCH 2014)



\* RoW = Rest of the World (esp. Australia & New Zealand, Africa, South America)

# EMBASE学科涵盖范围...

完全涵盖同行评审的生物医学/药理学期刊和会议



**Other topics 28%**  
Including public health, basic biomedical science and topics included from MEDLINE

## EMBASE收录的亚洲期刊数量一览 (2014)

| Country     | Embase (total) | MEDLINE | Unique in Embase |
|-------------|----------------|---------|------------------|
| India       | 234            | 48      | 186              |
| Japan       | 221            | 154     | 67               |
| China       | 149            | 88      | 61               |
| South Korea | 62             | 21      | 41               |
| Pakistan    | 34             | 5       | 29               |
| Singapore   | 30             | 10      | 20               |
| Taiwan      | 18             | 8       | 10               |
| Hong Kong   | 14             | 3       | 11               |
| Bangladesh  | 11             | 3       | 8                |
| Malaysia    | 10             | 4       | 6                |
| Nepal       | 7              | 5       | 2                |
| Thailand    | 6              | 4       | 2                |
| Indonesia   | 2              | 1       | 1                |
| Sri Lanka   | 2              | 1       | 1                |
| Philippines | 2              | 1       | 1                |



## EMBASE对随机对照试验的收录更全面

| Language          | Embase on Elsevier | MEDLINE on Ovid | Embase Advantage | Percent |
|-------------------|--------------------|-----------------|------------------|---------|
| <i>Turkish</i>    | 613                | 75              | 538              | 717%    |
| <i>Korean</i>     | 134                | 46              | 88               | 191%    |
| <i>Portuguese</i> | 712                | 442             | 270              | 61%     |
| <i>Dutch</i>      | 606                | 442             | 164              | 37%     |
| <i>Chinese</i>    | 5366               | 3945            | 1421             | 36%     |
| <i>Polish</i>     | 491                | 434             | 57               | 13%     |
| <i>Spanish</i>    | 2316               | 2137            | 179              | 8%      |
| <i>French</i>     | 3952               | 3904            | 48               | 1%      |

\*部分非英国国家随机对照试验的收录对比

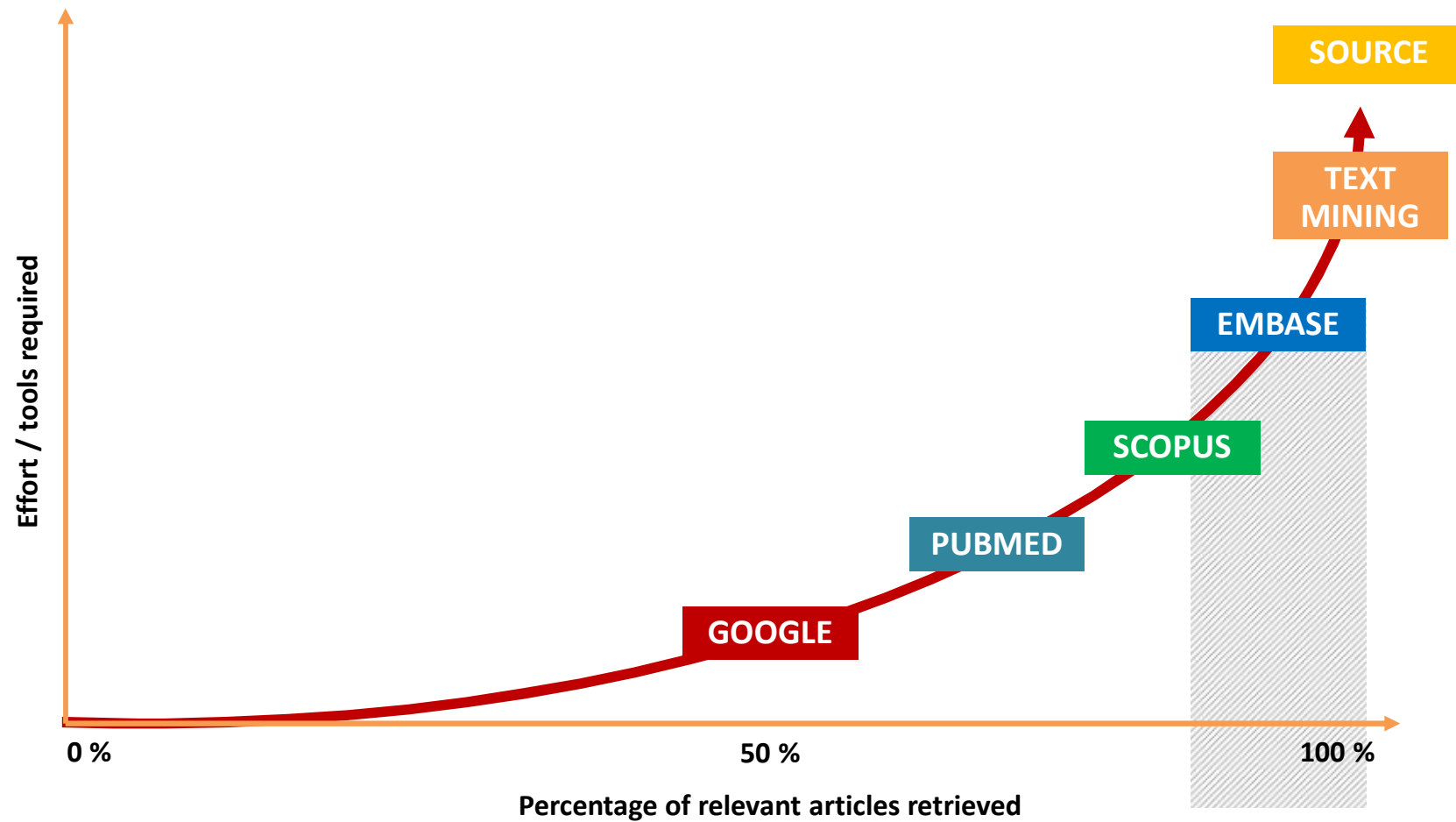
## 平均每年新增记录数量超过60万条

| Language   | Embase (per year) * | MEDLINE (per year) * | Unique in Embase |
|------------|---------------------|----------------------|------------------|
| English ** | 877,186 (90%)       | 664,207 (92%)        | 213,000          |
| Chinese    | 27,861 (2.9%)       | 11,523 (2.2%)        | 16,300           |
| German     | 17,051 (1.7%)       | 7,421 (1.0%)         | 9,600            |
| French     | 13,491              | 8,469                | 5,000            |
| Spanish    | 12,582              | 6,839                | 5,700            |
| Japanese   | 7,762               | 5,761                | 2,000            |
| Russian    | 6,275               | 6,094                | 200              |
| Portuguese | 4,918               | 3,560                | 1,400            |
| Polish     | 3,479               | 1,791                | 1,700            |
| Turkish    | 3,264               | 545                  | 2,700            |
| Italian    | 2,880               | 1,522                | 1,400            |
| Dutch      | 2,618               | 899                  | 1,700            |
| Czech      | 1,557 (0.16%)       | 585 (0.08%)          | 1,000            |

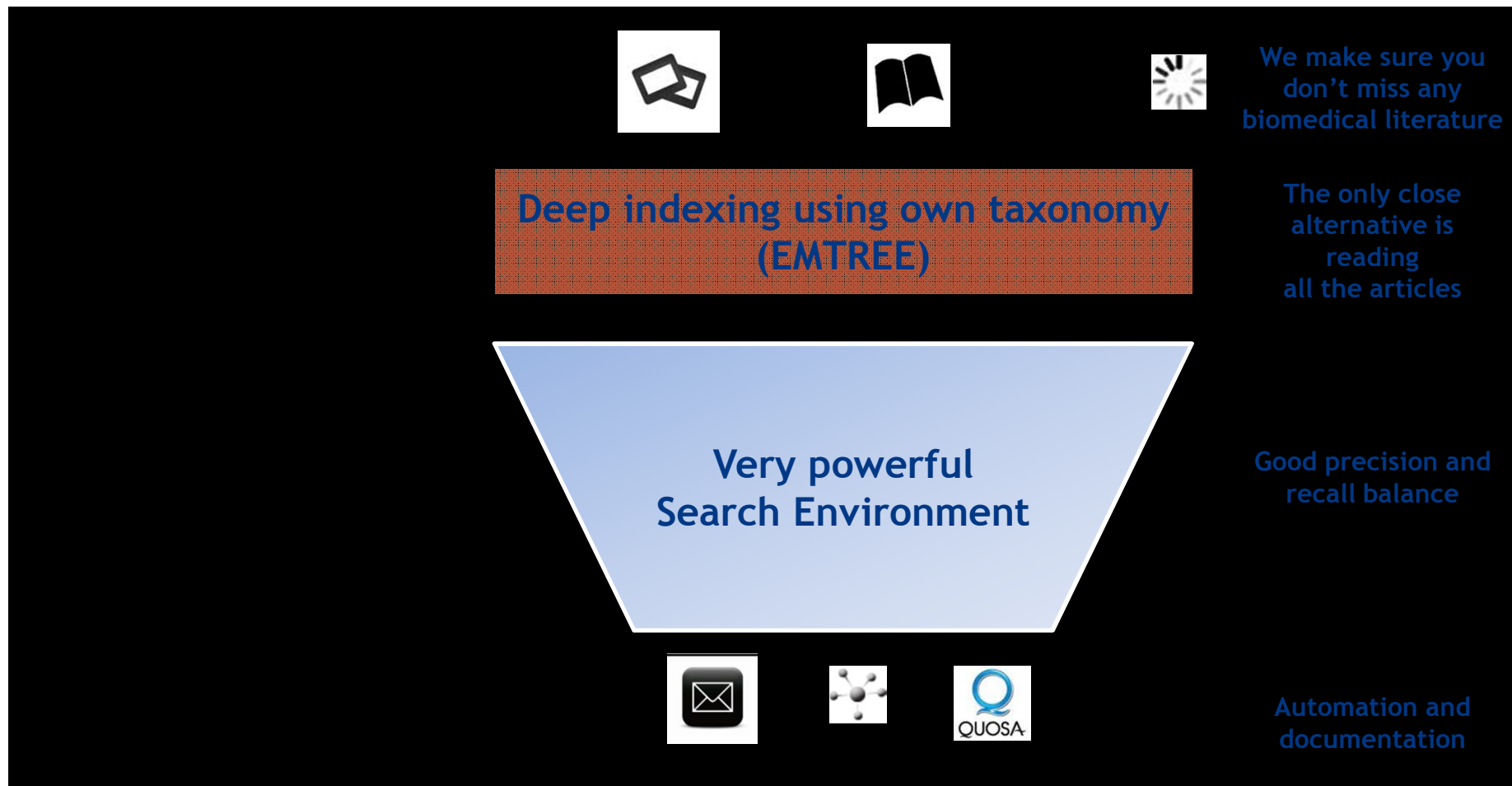
\* Average: April 2009 – April 2014

\*\* excl. conference abstracts

## 检索精确度和完整度对比



# EMBASE的检索架构和EMTREE的价值



# INDEXING的原则——人工全文阅读后提取关键词

## Indexing principles

- In assigning index terms, indexers screen the full article (not just title and abstract).
- Index terms are controlled by the **Emtree** thesaurus, resulting in consistent coverage of concepts that may be expressed in many different ways in the literature.

## Indexing process

- Indexing for Embase is a **manual process performed by trained indexers with a biomedical background.**
- Indexers read the full text of articles in order to identify relevant **concepts** and index them as Emtree preferred terms. Some concepts that are not in Emtree (such as **drug** and **medical device** trade names and manufacturer names) are indexed at the same time.

## How is Embase *indexed*?

---

Fully *indexed* records in Embase (excluding MEDLINE records licensed from the National Library of Medicine) are manually *indexed* using the full text of each article: *index terms* identified by trained *indexers* with a biomedical background are controlled against Emtree before being added to Embase records. *Indexed* records are available online within two weeks (on average) from receipt of the journal issue.

For licensed MEDLINE records, *index terms* assigned by the NLM from the MeSH thesaurus are mapped to Emtree.

Articles in Press, In-Process records and Conference abstracts are automatically *indexed*. Please refer to the [Embase Indexing Guide](#) for more information.

- Check 'Article in Press' to *limit* your search to the articles that meet the following criteria:
  - They have been accepted for publication but have not yet been formally published.
  - They are sourced from journals published by Elsevier, Springer, Karger, Nature, Cambridge University Press, and IEEE.
  - They are indexed with the Emtree thesaurus from titles and abstracts only. Mapping and explosion searches are possible, but drug, disease and device subheadings, device names and manufacturers, molecular sequence numbers, and CAS numbers are not indexed.

Articles in Press are replaced when the article is formally published and indexed. The indexing of the published article is based on the full text of the article. The choice of terms may differ from those selected for the Article in Press version.

# EMTREE的价值

EMTREE就是生物医学的辞库，通过科学分类和同义词关联，同时保障信息检索的全面和精确

## Easy to search

- Over 70,000 preferred terms and more than 290,000 **synonyms**

## Comprehensive Drug and Medical Device searching

- Chemical names, trade names, laboratory/research codes, and more than 31,000 generic drugs and chemicals (FDA, EMEA and WHO)
- Over 3,000 specific terms for general and medical devices (e.g. endoscopes, catheters, prostheses) as well as several thousand terms for related medical procedures, (e.g. endoscopy, catheterization)

## Up-to-date

- The latest drugs, diseases, organisms and procedures are indexed and added 3x per year (with back-posting of older records). Includes all drug generic names described by FDA and EMA, all International Non-Proprietary Names (INNs) described by WHO from 2000

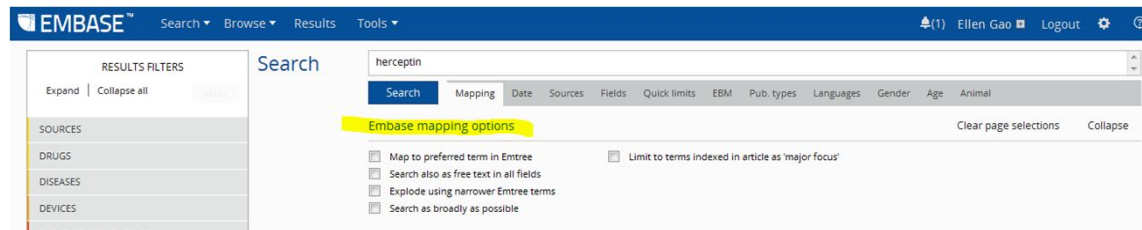
## Inclusive terminology

- All MeSH terms, with links to more than 23,000 CAS registry numbers

# EMTREE的价值

EMTREE就是生物医学的辞库，通过科学分类和同义词关联，同时保障信息检索的全面和精确

例： **Map to preferred term in Emtree**——将同义词与主词条自动匹配，保证无同义词和别名的遗漏，检索结果更稳定



The 'Mapping' option allows you to select the following options:

**Map to preferred term in Emtree:** The Emtree thesaurus contains preferred terms used for indexing papers. For example, 'heart infarction' is the preferred term; 'myocardial infarction' and 'heart attack' are mapped to it as synonyms. 'Prozac' maps to the preferred generic name 'fluoxetine'. Other terms are related to the preferred indexing term as narrower terms and child terms.

If you check this option, all the synonyms for your search word or phrase are included. Whatever you enter as a search word or phrase will be mapped to the preferred indexing term and your search will return papers related to this term. This means your searches will be more consistent. Also, this option allows Embase to perform explosion searches for you if you also check 'Explode using narrower Emtree terms', returning results for narrower terms relevant for your search.

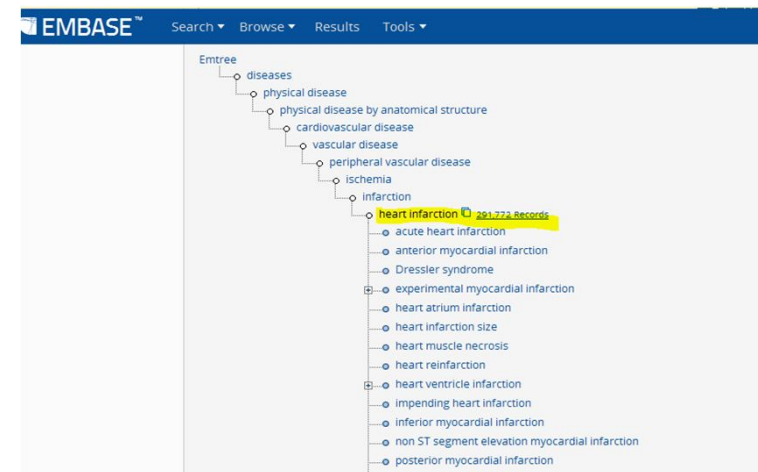
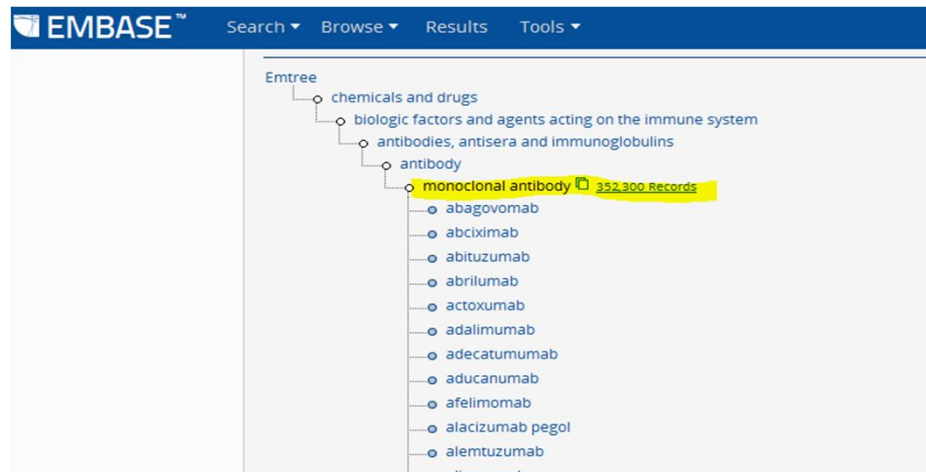
If you uncheck this option, Embase performs a free text search.



# EMTREE的价值

EMTREE词条的树状结构，有利于完整查找一类信息及所有子分类

1. tree structure making it possible to search on groups of terms (e.g. “monoclonal antibody” & “heart infarction”) (Such searches are impossible on Scopus, which has no tree hierarchy – e.g. a Scopus search on “heart attack” misses records mentioning “myocardial infarction” or articles indexed using the Emtree term “heart infarction”)

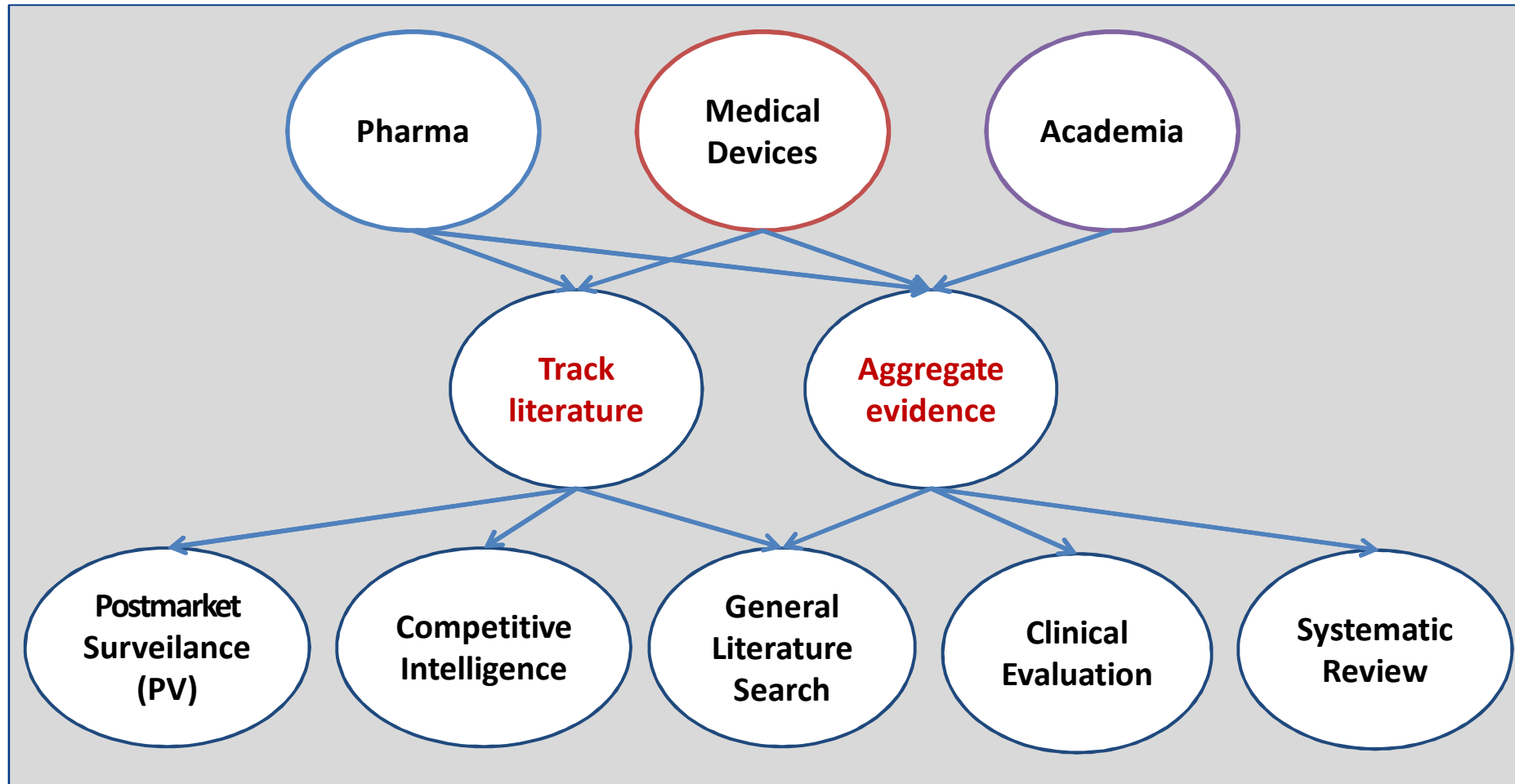


# EMTREE与MESH的比较

*MORE INTUITIVE, CURRENT AND WITH BETTER DRUG TERMINOLOGY*

| Emtree   | MeSH  | Emtree benefits for users                                   |
|--|---|---|
| "Natural language terminology" (e.g. myeloid leukaemia)  | Has many "inverted terms" (e.g. leukemia, myeloid)                | Intuitive and recognisable terms for ease of use            |
| More than 290,000 synonyms (incl. over 186,000 drug synonyms)  | Fewer synonyms ("entry terms") than in Emtree                     | High probability that terms searched by users are in Emtree |
| Includes all MeSH terms (many as Emtree synonyms)  | Does not include Embase   | Emtree is easy for MeSH users to search                     |
| Relies upon "meaning" invested in terms by authors using them  | Has many scope notes to describe how terms are used               | No dependence on or need to look up scope notes             |
| Larger (over 68,000 preferred terms)   | Smaller (ca. 27,000 preferred terms)                              | Best chance of finding both drug and non-drug terminology   |
| Extensive drugs facet (over 31,000 preferred terms)  | More limited drugs facet (ca. 8,800 preferred terms)              | Drugs terminology is more up-to-date                        |
| New drug terms are updated earlier in Emtree   | Drug terms are only updated when they become established          | Best results for new drugs                                  |
| Poly-hierarchical structure with duplicated trees  | Poly-hierarchical structure with differences between trees        | Unambiguous and context-free explosion searches             |
| All drug and chemical information is included in Emtree  | Detailed drug information is in a separate ("supplementary") file | All the drug information you need is in Emtree              |
| The latest drugs, diseases, organisms and procedures are indexed and added 3x per year (with back-posting of older records). | Updated 1x per year   | Emtree terms are more current                               |

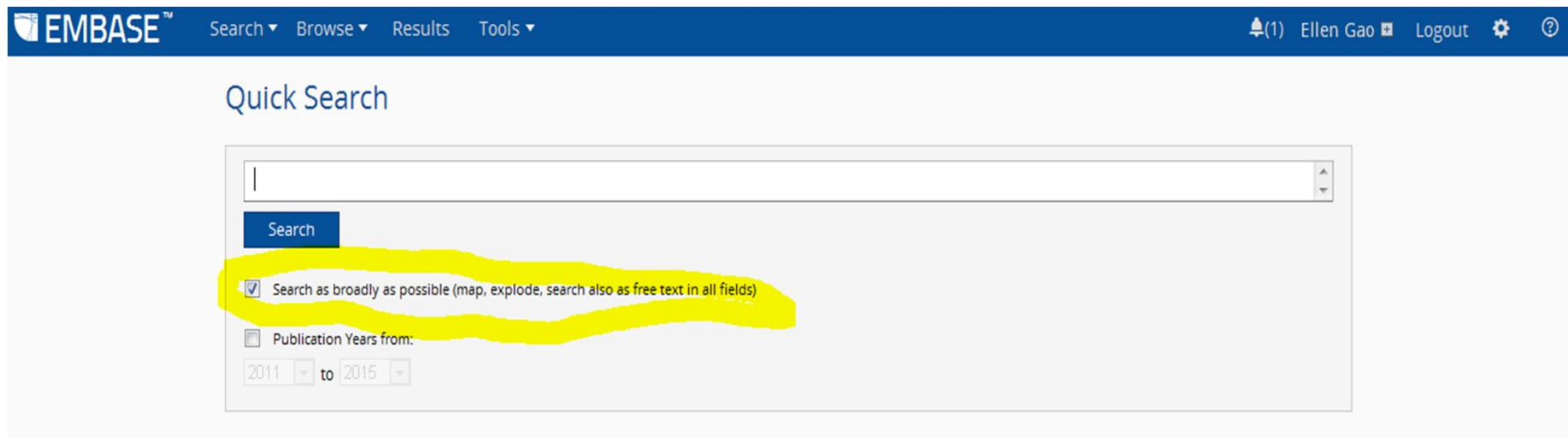
# EMBASE可以用来做哪些工作？



# EMBASE检索方法和技巧

- 快速检索
- 高级检索
- 药物检索
- 疾病检索
- 多个检索条件的组合
- 利用Emtree进行精准检索
- 会议论文的检索
- 检索结果的导出、保存和共享

## 2.1 快速检索（QUICK SEARCH）



EMBASE™ Search ▾ Browse ▾ Results Tools ▾ (1) Ellen Gao Logout ⚙️ ⓘ

### Quick Search

**Search**

☒ Search as broadly as possible (map, explode, search also as free text in all fields)

☐ Publication Years from:

2011 ▾ to 2015 ▾

- 可以输入任意的单词、词组或检索表达式，支持截词和布尔逻辑运算
- **Search as broadly as possible**选项：对检索式进行扩词检索，即根据输入的检索词自动在EMTREE词表中匹配优先主题词和同义词，同时将这些词在主题词字段中进行检索
- 词组检索需加单（双）引号，词序无关，不分大小写



## 例1：查询“糖尿病疾病管理”的相关信息

检索条件：“diabetes” and “disease management”

The screenshot shows the EMBASE search interface. The search bar contains the query "'diabetes' AND 'disease management'". Below the search bar is a blue "Search" button. Underneath the button, there are two checkboxes: the first is checked and labeled "Search as broadly as possible (map, explode, search also as free text in all fields)", and the second is unchecked and labeled "Publication Years from:". Below the second checkbox, there are two dropdown menus for years, with "2011" and "2015" selected, separated by the word "to". The entire search bar area and the first checkbox are highlighted with a yellow circle.



## 例1：查询“糖尿病疾病管理”的相关信息

EMBASE™ Search ▾ Browse ▾ Results Tools ▾ | (1) Ellen Gao Logout

Expand | Collapse all | APPLY

SOURCES  
DRUGS  
DISEASES  
DEVICES  
FLOATING SUBHEADINGS  
AGE  
GENDER  
STUDY TYPES  
PUBLICATION TYPES  
JOURNAL TITLES  
PUBLICATION YEARS  
AUTHORS  
CONFERENCE ABSTRACTS  
DRUG TRADE NAMES

Search Mapping Date Sources Fields Quick limits EBM Pub. types Languages Gender Age Animal

History Expand

97,243 results for search #1

Results View | Print | Export | Email | Order | Add to Clipboard 1 - 25 next

Sort by: ☒ Relevance ☐ Publication Year ☐ Entry Date Selected: 0 (clear) or Select number of items ▾

- ☐ [Economic models in type 2 diabetes](#)  
Yi Y., Philips Z., Bergman G., Burslem K.  
*Current Medical Research and Opinion* 2010 **26:9**(2105-2118) [Cited by: 6](#)  
Embase MEDLINE [Abstract](#) [Index Terms](#) [View Full Text](#)
- ☐ [A report from the 46th Annual Meeting of the European Association for the Study of Diabetes \(September 20-24, 2010 - Stockholm, Sweden\)](#)  
Rabasseda X.  
*Drugs of Today* 2011 **47:1**(77-95) [Cited by: 0](#)  
Embase MEDLINE [Abstract](#) [Index Terms](#) [View Full Text](#)
- ☐ [A review of methods used in long-term cost-effectiveness models of diabetes mellitus treatment](#)  
Tarride J.-E., Hopkins R., Blackhouse G., Bowen J.M., Bischof M., Von Keyserlingk C., O'Reilly D., Xie F., Goeree R.  
*Pharmacoeconomics* 2010 **28:4**(255-277) [Cited by: 14](#)  
Embase MEDLINE [Abstract](#) [Index Terms](#)
- ☐ [Diabetes requiring insulin - recent developments in management](#)  
Bennett K., Joseph F.  
*Prescriber* 2013 **24:11**(21-31)



## 2.2 高级检索 (ADVANCED SEARCH)

The screenshot displays the EMBASE Advanced Search interface. At the top, a dark blue navigation bar contains the following menu items: Search, Browse, Results, and Tools. On the right side of this bar, there is a notification icon with the number (1) and the name Ellen Gad. Below the navigation bar is a search input field. Underneath the input field is a horizontal tab bar with several tabs: Search, Mapping, Date, Sources, Fields, Quick limits, EBM, Pub. types, Languages, Gender, Age, and Animal. The 'Mapping' tab is currently selected and highlighted in yellow. Below the tab bar, the section is titled 'Embase mapping options'. To the right of this title are two links: 'Clear page selections' and 'Collapse'. The 'Embase mapping options' section contains two columns of checkboxes. The first column has four checked options: 'Map to preferred term in Emtree', 'Search also as free text in all fields', 'Explode using narrower Emtree terms', and 'Search as broadly as possible'. The second column has one unchecked option: 'Limit to terms indexed in article as 'major focus''.

- 设置检索条件
- 通过EMBASE的分类进行检索范围的限定





## 例2：查询“糖尿病与肥胖”循证医学的研究信息

"diabetes" AND 'overweight'

Search Mapping Date Sources Fields Quick limits EBM Pub. types Languages Gender Age Animal

Evidence Based Medicine Clear page selections Collapse

☒ Cochrane Review ☒ Controlled Clinical Trial

☒ Systematic Review ☒ Randomized Controlled Trial

☒ Meta Analysis



## 例2：查询“糖尿病与肥胖的相关性”循证医学的研究信息

EMBASE™ Search ▾ Browse ▾ Results Tools ▾ (1) Ellen Gao Logout ⚙ ?

RESULTS FILTERS  
Expand | Collapse all

SOURCES  
DRUGS  
DISEASES  
DEVICES  
FLOATING SUBHEADINGS  
AGE  
GENDER  
STUDY TYPES  
PUBLICATION TYPES  
JOURNAL TITLES  
PUBLICATION YEARS  
AUTHORS  
CONFERENCE ABSTRACTS  
DRUG TRADE NAMES

Search  
'diabetes'/exp OR 'diabetes' AND ('overweight'/exp OR 'overweight') AND ((cochrane review)/lim OR [systematic review]/lim OR [controlled clinical trial]/lim OR [randomized controlled trial]/lim OR [meta analysis]/lim]

Search Mapping Date Sources Fields Quick limits EBM Pub. types Languages Gender Age Animal

History

5,362 results for search #3

Results View | Print | Export | Email | Order | Add to Clipboard 1 - 25

Sort by: ☒ Relevance ☐ Publication Year ☐ Entry Date Selected: 0 (clear) or

- ☐ 1 [Steroidal contraceptives: Effect on carbohydrate metabolism in women without diabetes mellitus](#)  
Lopez L.M., Grimes D.A., Schulz K.F.  
**Cochrane Database of Systematic Reviews** 2007 :2 Article Number CD006133 [Cited by: 18](#)  
Embase MEDLINE   [View Full Text](#)
- ☐ 2 [Antenatal interventions for overweight or obese pregnant women: A systematic review of randomised trials](#)  
Dodd J.M., Grivell R.M., Crowther C.A., Robinson J.S.  
**BJOG: An International Journal of Obstetrics and Gynaecology** 2010 117:11(1316-1326) [Cited by: 90](#)  
Embase MEDLINE   [View Full Text](#)
- ☐ 3 [Long-term non-pharmacologic weight loss interventions for adults with type 2 diabetes.](#)  
Norris S.L., Zhang X., Avenell A., Gregg E., Brown T.J., Schmid C.H., Lau J.  
**Cochrane database of systematic reviews (Online)** 2005 :2(CD004095) [Cited by: 15](#)  
MEDLINE
- ☐ 4 [Obesity management: Update on orlistat](#)  
Drew B.S., Dixon A.F., Dixon J.B.  
**Vascular Health and Risk Management** 2007 3:6(817-821) [Cited by: 44](#)

## 2.3 药物检索 (DRUG SEARCH)

### Drug Search

The screenshot displays the 'Drug Search' interface. At the top, there is a search bar and a navigation menu with tabs: Search, Mapping, Date, Sources, Drug fields, Drug subheadings (selected), Routes, Quick limits, EBM, Pub. types, and Languages. Below the tabs, the 'Drug subheadings' section is active, showing a list of 15 checkboxes for different drug-related topics. The topics are arranged in three columns. At the bottom of this section, there are radio buttons for 'OR' and 'AND' selection logic. On the right side of the 'Drug subheadings' section, there are links for 'Clear page selections' and 'Collapse'.

| Drug subheadings                               |   |  |
|--|---|--|
| <input type="checkbox"/> Adverse drug reaction | <input type="checkbox"/> Drug concentration | <input type="checkbox"/> Endogenous compound |
| <input type="checkbox"/> Clinical trial        | <input type="checkbox"/> Drug development   | <input type="checkbox"/> Pharmaceuticals     |
| <input type="checkbox"/> Drug administration   | <input type="checkbox"/> Drug dose          | <input type="checkbox"/> Pharmacoeconomics   |
| <input type="checkbox"/> Drug analysis         | <input type="checkbox"/> Drug interaction   | <input type="checkbox"/> Pharmacokinetics    |
| <input type="checkbox"/> Drug combination      | <input type="checkbox"/> Drug therapy       | <input type="checkbox"/> Pharmacology        |
| <input type="checkbox"/> Drug comparison       | <input type="checkbox"/> Drug toxicity      |  |

☐ OR ☐ AND

- 支持药物商品名、研发代码、通用名等多种检索方式
- 多达60多个副标题检索，包括：副作用、毒性、相互作用、剂量、代谢、给药途径等等



### 例3：查询非甾体抗炎药VIOXX的副作用

#### Drug Search

'vioxx'

Search Mapping Date Sources Drug fields Drug subheadings Routes Quick limits EBM Pub. types Languages

Drug subheadings Clear page selections Collapse

|   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Adverse drug reaction | <input type="checkbox"/> Drug concentration       | <input type="checkbox"/> Endogenous compound |
| <input type="checkbox"/> Clinical trial                   | <input type="checkbox"/> Drug development         | <input type="checkbox"/> Pharmaceutics       |
| <input type="checkbox"/> Drug administration              | <input type="checkbox"/> Drug dose                | <input type="checkbox"/> Pharmacoeconomics   |
| <input type="checkbox"/> Drug analysis                    | <input type="checkbox"/> Drug interaction         | <input type="checkbox"/> Pharmacokinetics    |
| <input type="checkbox"/> Drug combination                 | <input type="checkbox"/> Drug therapy             | <input type="checkbox"/> Pharmacology        |
| <input type="checkbox"/> Drug comparison                  | <input checked="" type="checkbox"/> Drug toxicity |  |

☒ OR ☐ AND





## 例3：查询非甾体抗炎药VIOXX的副作用

EMBASE™ Search ▾ Browse ▾ Results Tools ▾ (1) Ellen Gao Logout ?

Search

Search Mapping Date Sources Drug fields Drug subheadings Routes Quick limits EBM Pub. types Languages

History Expand

3,633 results for search #4

Results View | Print | Export | Email | Order | Add to Clipboard 1 - 25 next

Sort by: ☒ Relevance ☐ Publication Year ☐ Entry Date Selected: 0 (clear) or Select number of items

1 [Toxicity testing in the 21st century: A view from the pharmaceutical industry](#)  
MacDonald J.S., Robertson R.T.  
*Toxicological Sciences* 2009 110:1(40-46) Cited by: 48  
Embase MEDLINE [No abstract available] [Index Terms](#) [View Full Text](#)

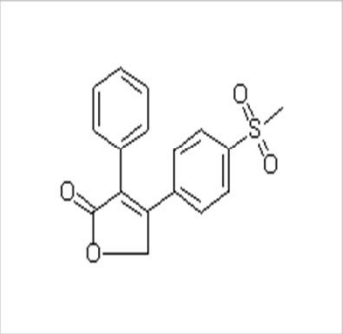
2 [Anti-inflammatory and immunosuppressive drugs and reproduction](#)  
Øtensen M., Khamashta M., Lockshin M., Parke A., Brucato A., Carp H., Doria A., Rai R., Meroni P., Cetin I., Derksen R., Branch W., Motta M., Gordon C., Ruiz-Irastorza G., Spinillo A., Friedman D., Cimaz R., Czeizel A., Piette J.C., Cervera R., Levy R.A., Clementi M., De Carolis S., Petri M., Shoenfeld Y., Faden D., Valesini G., Tincani A.  
*Arthritis Research and Therapy* 2006 8:3 Article Number 1957 Cited by: 213  
Embase [Abstract](#) [Index Terms](#) [View Full Text](#)

3 [Value of preapproval safety data in predicting postapproval hepatic safety and assessing the legitimacy of class warning](#)  
Lin Y.-L., Wu Y.-C., Gau C.-S., Lin M.-S.  
*Therapeutic Advances In Drug Safety* 2012 3:1(13-24) Cited by: 0  
Embase [Abstract](#) [Index Terms](#) [View Full Text](#)

4 [Effects of cyclooxygenase inhibition on the gastrointestinal tract](#)

**Rofecoxib** BETA

Brought to you by: PHARMAPENDIUM  
[What is Pharmapendium?](#)



**Brands:** Vioxx Forte, Sivoz, Alfof, Ceox, Rofiz Gel, Flanax, Vioxx, Refox, Torox MT, Dolib, Rhuma-Cure, Rofetab, Versatil

**Chemical Name(s):** 2(5H)-FURANONE, 4-(4-(METHYLSULFONYL)PHENYL)-3-PHENYL-

**Classes:** COX-2 specific inhibitors, Nonsteroidal anti-inflammatory drugs.

## 2.4 疾病检索 (DISEASE SEARCH)

### 例4：由药物副作用导致的心脏病

Disease Search

'heart attack'

Search Mapping Date Sources Fields Disease subheadings Quick limits EBM Pub. types Languages

Disease subheadings Clear page selections Collapse

|  |   |                                  |
|--|---|----------------------------------|
| <input type="checkbox"/> Complication        | <input type="checkbox"/> Epidemiology           | <input type="checkbox"/> Surgery |
| <input type="checkbox"/> Congenital disorder | <input type="checkbox"/> Etiology               | <input type="checkbox"/> Therapy |
| <input type="checkbox"/> Diagnosis           | <input type="checkbox"/> Prevention             |                                  |
| <input type="checkbox"/> Disease management  | <input type="checkbox"/> Radiotherapy           |                                  |
| <input type="checkbox"/> Drug resistance     | <input type="checkbox"/> Rehabilitation         |                                  |
| <input type="checkbox"/> Drug therapy        | <input checked="" type="checkbox"/> Side effect |                                  |

☐ OR ☐ AND

## 2.4 疾病检索 (DISEASE SEARCH)

### 例4：由药物副作用导致的心脏病

RESULTS FILTERS  
Collapse all

UBHEADINGS  
S  
N TYPES  
TLES  
N YEARS  
E ABSTRACTS  
E NAMES

Search

Mapping Date Sources Fields Disease subheadings Quick limits EBM Pub. types Languages

**History** Save | Delete | Print view | Export | Email  using ☒ And ☐ Or

|                          |    |   |                        |
|--------------------------|----|---|------------------------|
| <input type="checkbox"/> | #5 | 'heart attack'/exp/dm_si  | 11,140                 |
| <input type="checkbox"/> | #4 | 'vioxx'/exp/dd_ae,dd_to   | <a href="#">3,633</a>  |
| <input type="checkbox"/> | #3 | 'diabetes'/exp OR 'diabetes' AND ('overweight'/exp OR 'overweight') AND ([cochrane review]/lim OR [systematic review]/lim OR [controlled clinical trial]/lim OR [randomized controlled trial]/lim OR [meta analysis]/lim) | <a href="#">5,362</a>  |
| <input type="checkbox"/> | #2 | 'diabetes'/exp OR 'diabetes' AND ('overweight'/exp OR 'overweight') AND [meta analysis]/lim   | <a href="#">1,132</a>  |
| <input type="checkbox"/> | #1 | 'diabetes'/exp OR 'diabetes' AND ('disease management'/exp OR 'disease management')   | <a href="#">97,243</a> |

**11,140 results for search #5**

**Results** View | Print | Export | Email | Order | Add to Clipboard 1 - 25

☐ Sort by: ☒ Relevance ☐ Publication Year ☐ Entry Date Selected: 0  or

|                          |   |  |
|--------------------------|---|--|
| <input type="checkbox"/> | 1 | <a href="#">Safety and tolerability of sitagliptin in clinical studies: A pooled analysis of data from 10,246 patients with type 2 diabetes</a><br>Williams-Herman D., Engel S.S., Round E., Johnson J., Golm G.T., Guo H., Musser B.J., Davies M.J., Kaufman K.D., Goldstein B.J.<br><b>BMC Endocrine Disorders</b> 2010 <b>10</b> Article Number 7 <a href="#">Cited by: 154</a><br>Embase <input type="button" value="Abstract"/> <input type="button" value="Index Terms"/> <a href="#">View Full Text</a> |
| <input type="checkbox"/> | 2 | <a href="#">Etanercept and infliximab for the treatment of psoriatic arthritis: A systematic review and economic evaluation</a><br>Woolacott N., Vergel Y.B., Hawkins N., Kainth A., Khadjesari Z., Misso K., Light K., Asseburg C., Palmer S., Claxton K., Bruce I., Sculpher M., Riemsma R.<br><b>Health Technology Assessment</b> 2006 <b>10:31</b> (iii-78) <a href="#">Cited by: 48</a><br>Embase MEDLINE <input type="button" value="Abstract"/> <input type="button" value="Index Terms"/>              |

## 2.5 多个检索结果的COMBINE

### 例4：由VIOXX副作用导致的心脏病

Search

[Search](#) [Mapping](#) [Date](#) [Sources](#) [Fields](#) [Disease subheadings](#) [Quick limits](#) [EBM](#) [Pub. types](#) [Languages](#)

☐ **History** [Save](#) | [Delete](#) | [Print view](#) | [Export](#) | [Email](#) [Combine](#) using ☒ And ☐ Or [Collapse](#)

|  |   |                        |
|--|---|------------------------|
| <input checked="" type="checkbox"/> #5 | 'heart attack'/exp/dm_si  | 11,140                 |
| <input checked="" type="checkbox"/> #4 | 'vioxx'/exp/dd_ae,dd_to   | <a href="#">3,633</a>  |
| <input type="checkbox"/> #3            | 'diabetes'/exp OR 'diabetes' AND ('overweight'/exp OR 'overweight') AND ([cochrane review]/lim OR [systematic review]/lim OR [controlled clinical trial]/lim OR [randomized controlled trial]/lim OR [meta analysis]/lim) | <a href="#">5,362</a>  |
| <input type="checkbox"/> #2            | 'diabetes'/exp OR 'diabetes' AND ('overweight'/exp OR 'overweight') AND [meta analysis]/lim   | <a href="#">1,132</a>  |
| <input type="checkbox"/> #1            | 'diabetes'/exp OR 'diabetes' AND ('disease management'/exp OR 'disease management')   | <a href="#">97,243</a> |

**11,140 results for search #5**

**Results** [View](#) | [Print](#) | [Export](#) | [Email](#) | [Order](#) | [Add to Clipboard](#) 1 - 25 [next](#)

☐ Sort by: ☒ Relevance ☐ Publication Year ☐ Entry Date Selected: 0 [\(clear\)](#), or [Select number of items](#)

☐ 1 [Safety and tolerability of sitagliptin in clinical studies: A pooled analysis of data from 10,246 patients with type 2 diabetes](#)  
Williams-Herman D., Engel S.S., Round E., Johnson J., Golm G.T., Guo H., Musser B.J., Davies M.J., Kaufman K.D., Goldstein B.J.  
**BMC Endocrine Disorders** 2010 **10** Article Number 7 [Cited by: 154](#)

[Embase](#) [Abstract](#) [Index Terms](#) [View Full Text](#)



## 2.5 多个检索结果的COMBINE

### 例4：由VIOXX副作用导致的心脏病

RESULTS FILTERS

Expand | Collapse all APPLY

SOURCES

DRUGS

DISEASES

DEVICES

FLOATING SUBHEADINGS

STUDY TYPES

postmarketing surveillance 50

controlled clinical trial 49

☒ randomized controlled trial 47

drug dose comparison 45

randomized controlled trial (topic) 34

cohort analysis 32

进一步筛选

Search #4 AND #5

Search Mapping Date Sources Fields Quick limits EBM Pub. types Languages Gender Age Animal

History

1,063 results for search #6

Results View | Print | Export | Email | Order | Add to Clipboard 1 - 25 next

☐ Sort by: ☒ Relevance ☐ Publication Year ☐ Entry Date

Selected: 0 (clear) or

☐ 1 [Toxicity testing in the 21st century: A view from the pharmaceutical industry](#)  
MacDonald J.S., Robertson R.T.  
*Toxicological Sciences* 2009 **110**:1(40-46) Cited by: 48  
Embase MEDLINE [No abstract available] [Index Terms](#) [View Full Text](#)

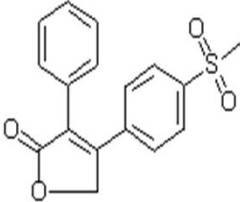
☐ 2 [Banned medicines menace: A peril to public health](#)  
Desai V., Bumb D., Bailoor D.N.  
*Indian Journal of Public Health Research and Development* 2013 **4**:2(69-73)  
Embase [Abstract](#) [Index Terms](#) [View Full Text](#)

☐ 3 [Ten years of adverse drug reaction reports for the multiple sclerosis immunomodulatory therapies: A Canadian perspective](#)  
Tremlett H.L., Oger J.  
*Multiple Sclerosis* 2008 **14**:1(94-105) Cited by: 7  
Embase MEDLINE [Abstract](#) [Index Terms](#) [View Full Text](#)

☐ 4 [COX-inhibiting nitric oxide donors \(CINODs\): Potential benefits on cardiovascular and renal function](#)  
Muscarà M.N., Wallace J.L.  
*Cardiovascular and Hematological Agents in Medicinal Chemistry* 2006 **4**:2(155-160) Cited by: 1

Rofecoxib

Brought to you by: PHARMAPEND [What is Pharmapend?](#)



**Brands:** Vioxx Forte, Sivoz, Alfof, Ceoxx, F Gel, Flanax, Vioxx, Refox, Torox MT, Doli Rhuma-Cure, Rofetab, Versatil

**Chemical Name(s):** 2(5H)-FURANONE, 4-(METHYLSULFONYL)PHENYL-3-PHENYL-

**Classes:** COX-2 specific inhibitors, Nonsteroidal anti-inflammatory drugs

## 2.6 通过EMTREE进行更精确的检索

### 例5：抗心血管疾病的黄酮类药物在不同年龄层的研究报告

Browse Emtree

**Query Builder**  
Build a multi-term search query

'flavonoid'/exp AND 'cardiovascular agent'/exp AND 'age distribution'/exp

**Search** **Take to Advanced Search**

**Find Term** **Browse by Facet**

Type word or phrase (without quotes)

age distribution

**Find Term**

For term: 'age distribution'

Extend your search: ☒ Explosion ☐ As major focus or

**Take this query to Advanced Search** **Add to Query Builder**

Emtree

- society and environment
  - society
    - population and population related phenomena
      - population biology
        - population structure
          - age distribution** 105,312 Records

## 2.7会议论文的检索

### 例5：会议名称 “16TH CONGRESS OF THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY”

NCBI Resources How To Sign in to NCBI

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

PubMed 16th Congress of the Asian Pacific Society of Respiriology x Search

RSS Save search Advanced Help

Abstract

Send to:

Save items

Add to Favorites

Respirology. 2011 Nov;16 Suppl 2:1-333.

**Abstracts of the 16th Congress of the Asian Pacific Society of Respiriology. November 3-6, 2011. Shanghai, China.**

[No authors listed]

PMID: 22069790 [PubMed - indexed for MEDLINE]

f t

Publication Types, MeSH Terms

LinkOut - more resources

PubMed Commons

0 comments

PubMed Commons home

How to join PubMed Commons

Related citations in PubMed

Abstracts of the 15th Congress of the Asian Pacific Society of Respiriology [Respirology. 2010]

Abstracts of the 14th Congress of the APSR (Asian Pacific Society of Res [Respirology. 2009]

Abstracts of the 11th Congress of the Asian Pacific Society of Respiriology [Respirology. 2006]

Review [Pulmonology]. [Nihon Rinsho. 2000]

Review Respiriology year-in-review 2006: Basic science. [Respirology. 2007]

See reviews...

See all...

## 2.7会议论文的检索

### 例5：会议名称“16TH CONGRESS OF THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY”

Search

Mapping Date Sources Fields Quick limits EBM Pub. types Languages Gender Age Animal

☐ History Save | Delete | Print view | Export | Email  using ☒ And ☐ Or

|                          |    |   |                     |
|--------------------------|----|---|---------------------|
| <input type="checkbox"/> | #5 | '16th congress of the asian pacific society of respirology':nc          | 1,055               |
| <input type="checkbox"/> | #3 | 'piroxicam'/exp/dd_ae,dd_to AND 'piroxicam'/exp/dd_po AND [embase]/lim  | <a href="#">98</a>  |
| <input type="checkbox"/> | #2 | 'piroxicam'/exp/dd_ae,dd_to AND 'piroxicam'/exp/dd_po AND [medline]/lim | <a href="#">80</a>  |
| <input type="checkbox"/> | #1 | 'piroxicam'/exp/dd_ae,dd_to AND 'piroxicam'/exp/dd_po                   | <a href="#">101</a> |

1,055 results for search #5

**Results** View | Print | Export | Email | Order | Add to Clipboard 1 - 25

☐ Sort by: ☐ Relevance ☒ Publication Year ☐ Entry Date Selected: 0 ([clear](#)), or

|                          |   |   |
|--------------------------|---|---|
| <input type="checkbox"/> | 1 | <a href="#">16th Congress of the Asian Pacific Society of Respirology</a><br><i>Respirology</i> 2011 16 SUPPL. 2<br>Embase <input type="button" value="Abstract"/> <input type="button" value="Index Terms"/>   |
| <input type="checkbox"/> | 2 | <a href="#">Analysis of relevant factors causing nocturnal desaturation in COPD</a><br>Wang Y., Cai X., Pan L., Zhu H., Shi G., Wan H.<br><i>Respirology</i> 2011 16 SUPPL. 2(100-101)<br>Embase <input type="button" value="Abstract"/> <input type="button" value="Index Terms"/> <a href="#">View Full Text</a>  |
| <input type="checkbox"/> | 3 | <a href="#">Cigarette smoke-induced skeletal muscle atrophy is associated with up-regulation of USP-19 VIA P38 and ERK mapks</a><br>Liu Q., Xu W.-G., Luo Y., Han F.-F., Yao X.-H., Yang T.-Y., Zhang Y., Pi W.-F., Guo X.-J.<br><i>Respirology</i> 2011 16 SUPPL. 2(121-122)<br>Embase <input type="button" value="Abstract"/> <input type="button" value="Index Terms"/> <a href="#">View Full Text</a> |

## 2.8 检索结果的导出、保存和共享

- 建议用户进行注册，仅需邮件地址和姓名即可完成注册！
- 注册用户可以将检索记录保存到不同的文件夹进行查阅和分享
- 注册用户通过email alert功能可以第一时间获取检索信息的更新
- 通过“clipboard”功能选择性导出多条记录

The screenshot displays the EMBASE search results page. At the top, there is a navigation bar with 'results' and 'Tools' on the left, and a user profile 'Ellen Gao' with a notification bell icon and a 'Logout' button on the right. Below the navigation bar, a search bar contains the query '#4 AND #5'. To the right of the search bar is a 'Search' button. Below the search bar is a horizontal menu with various filters: Mapping, Date, Sources, Fields, Quick limits, EBM, Pub. types, Languages, Gender, Age, and Animal. Below this menu is a blue bar with an 'Expand' button. The main content area shows 'Results for search #6'. Below this, there is a row of action buttons: View, Print, Export, Email, Order, and Add to Clipboard. To the right of these buttons is a pagination indicator '1 - 25' and a 'next' button. Below the action buttons is a 'Sort by:' section with three radio buttons: Relevance (selected), Publication Year, and Entry Date. To the right of the sort section is a 'Selected: 0 (clear), or' section with a 'Select number of items' dropdown menu. The first search result is listed as '1 Toxicity testing in the 21st century: A view from the pharmaceutical industry' by MacDonald J.S., Robertson R.T. in 'Toxicological Sciences' 2009 110:1(40-46) with a 'Cited by: 48' link. Below the first result are links for 'Embase', 'MEDLINE', 'No abstract available', 'Index Terms', and 'View Full Text'.





QUESTION?

高蕾，Elsevier生命科学产品线经理

Email: [E.Gao@Elsevier.com](mailto:E.Gao@Elsevier.com)

Phone: 15821338259