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**2013 SEPTEMBER–OCTOBER
No. 394**

**Issue Completed October
30, 2013**

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New UTS API Methods

New UTS API Methods. NLM Tech Bull. 2013 Jul-Aug;(393):b6.

2013 October 17 [posted]

The UMLS Terminology Services (UTS) API has six new methods:

- `getConceptDefinitions()` - Retrieves source-provided definition(s) for a given conceptId.
- `getUpdatedSourcesByVersion()` - Retrieves all updated sources in a given UMLS release
- `getAllRootSourceFamilies()` - Retrieves all source families present in a given UMLS release
- `getRootSourcesByFamily()` - Gets all sources associated with a source family
- `getRootSourcesByRestrictionLevel()` - Retrieves all root sources for a given restriction level
- `getRootSourcesByLanguage()` - Retrieves all sources that are provided in a particular language

To learn more about the UTS API, see: <https://uts.nlm.nih.gov/home.html#apidocumentation>.

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New Scripts for Automating UMLS and RxNorm Downloads

New Scripts for Automating UMLS and RxNorm Downloads. NLM Tech Bull. 2013 Jul-Aug;(393):b5.

2013 October 17 [posted]

UMLS and RxNorm users may now automate downloads by utilizing the newly released downloads script. Combine the script with a scheduling tool to fully automate your downloads. The scripts support Windows®, Mac™, Linus™, and Solaris™ operating systems.

Download the scripts and README zip file with instructions from http://download.nlm.nih.gov/rxnorm/terminology_download_script.zip.

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Changes Coming to Author Affiliations

Changes Coming to Author Affiliations. NLM Tech Bull. 2013 Sep-Oct;(394):b4.

2013 September 11 [posted]
2013 December 30 [Editor's note added]

Beginning October 1, 2013, NLM will cease editing the Author Affiliation field in MEDLINE/PubMed citations. In the past, NLM policy was to carry affiliation for the first author only, quality control the data, and edit the field to add "USA" or e-mail address as appropriate. However, starting with the 2014 PubMed system in mid-December 2013, NLM will implement a new policy that allows publishers submitting XML citation data for MEDLINE indexed journals to submit Author Affiliations for each Author name, Investigator name or Corporate Author name. To prepare for and support this change, NLM will cease quality control review and editing of the author affiliation field in the MEDLINE citation. Searchers who were using a PubMed search to limit to US authors as the first author should be aware that it will no longer be comprehensive as of October 1, 2013.

[Editor's note: For additional information on author affiliation see *Author, Corporate Author, and Collaborator Affiliation Display Changes.*]

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Upcoming New Interface for TOXNET

Upcoming New Interface for TOXNET. NLM Tech Bull. 2013 Sep–Oct;(394):b3.

2013 September 10 [posted]

An updated version of TOXNET (TOXicology Data NETwork) will be released in 2014.

The new design will offer seamless navigation for non-professionals as well as professionals. The update will include a more current look and feel, improved interactive capabilities and a better integrated "All Search Results."

TOXNET is a group of databases covering toxicology, hazardous chemicals, environmental health and related areas. The Web interface provides an easy way to search databases of varying formats and content. It can be used to locate toxicology data, literature references, and toxics release information on particular chemicals, as well as to identify chemicals that cause specific effects.

TOXNET was originally designed and developed prior to the Internet, primarily for a professional audience. It has become increasingly important for its data to be accessible for a wide variety of users, many of whom are not professionals in the toxicological fields, and who are not familiar with the related vocabulary and acronyms.

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New US Edition of SNOMED CT Available: September 2013

New US Edition of SNOMED CT Available: September 2013. NLM Tech Bull. 2013 Jul-Aug;(393):b1.

2013 September 04 [posted]

The release of the US Edition of SNOMED CT® is now available. In addition to 517 new concepts specific to the US, the September US Edition of SNOMED CT also contains all content from the July 2013 International Release of SNOMED CT. It eliminates the need for users to combine the two products. The US Edition is the official source of SNOMED CT for use in US healthcare systems.

The download contains files in both Release Format 1 (RF1) and Release Format 2 (RF2) versions.

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New CMT Subsets Available

New CMT Subsets Available. NLM Tech Bull. 2013 Sep-Oct;(394):b1.

2013 September 03 [posted]
2013 September 11 [Editor's note added]

Five additional subsets from Convergent Medical Terminology (CMT) are now available for download from the UMLS Terminology Services (UTS) by UMLS licensees.

- The Hx of FHx of subset includes 1,058 concepts for medical and family medical history problem lists.
- The Injury (part 1) subset includes 2,150 concepts for injuries problem lists.
- The Ortho Extrem subset includes 7,018 concepts for orthopedics (extremity fractures) problem lists.
- The Ob Gyn subset includes 1,306 concepts for use for obstetrics and gynecology problem lists.
- The Skin Respiratory subset includes 2,856 concepts for skin and respiratory problem lists.
- The Ortho NonExtrem subset includes 385 concepts for orthopedics (non-extremity fractures) problem lists. *[added September 11, 2013]*

For more information about CMT, see [Kaiser Permanente Opens Access to CMT to Support HHS Health IT Goals](#) and [Frequently Asked Questions](#).

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New Grant Funding Organizations Added for Europe PMC

Tybaert S. New Grant Funding Organizations Added for Europe PMC. NLM Tech Bull. 2013 Sep-Oct;(394):e5.

2013 September 30 [posted]

Effective October 2013, the manuscript submission system for Europe PMC (also known as Europe PMC plus and formally known as the United Kingdom Manuscript Submission System (UKMSS)) is adding four additional grant funding organizations. These new granting agencies may appear on records for manuscripts that designate financial support. The four agencies are:

Association for International Cancer Research
Breast Cancer Campaign
Diabetes UK
Prostate Cancer UK

PubMed Display

The grant number information format in the PubMed Abstract display will be:

grant number/organization name/country name

For example:

Grant Support

2008MayPR49/Breast Cancer Campaign/United Kingdom
13/0001534/Diabetes UK/United Kingdom
13-0131/Association for International Cancer Research/United Kingdom
RCS12-01/Prostate Cancer UK/United Kingdom

Note: The above examples do not list all possible formats of grant numbers of an agency.

Searching Grant Numbers

Search for Europe PMC grant number information in the following ways:

- Grant number to retrieve citations with a specific grant:
2008MayPR49 [gr]
- Full organization name or pieces of the name to retrieve citations with grants from a specific granting organization:
Breast Cancer Campaign [gr]
Campaign [gr]
- Country name to retrieve all citations with grants for granting organizations from a specific country:
united kingdom [gr]

The NLM Web resource page, Grant Number Information Found in the GR Field in MEDLINE/PubMed has been updated with these four new non-US funding organizations.

By Sara Tybaert
MEDLARS Management Section

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2014 Medical Subject Headings (MeSH) Now Available

2014 Medical Subject Headings (MeSH) Now Available. NLM Tech Bull. 2013 Sep-Oct;(394):e4.

2013 September 17 [posted]

Introduction to MeSH 2014

The Introduction to MeSH 2014 is now available, including information on its use and structure, as well as recent updates and availability of data.

MeSH Browser

The default year in the MeSH Browser remains 2013 MeSH for now, but the alternate link provides access to 2014 MeSH. The MeSH Section will continue to provide access via the MeSH Browser for two years of the vocabulary: the current year and an alternate year. Sometime in November or December, the default year will change to 2014 MeSH and the alternate link will provide access to the 2013 MeSH.

Download MeSH

Download 2014 MeSH in XML and ASCII formats. Also available for 2014 from the same MeSH download page are:

- Pharmacologic Actions (Forthcoming)
- New Headings with Scope Notes
- MeSH Replaced Headings
- MeSH MN (tree number) changes
- 2014 MeSH in MARC format

Other pertinent articles:

What's New for 2014 MeSH

Newly Maintained MEDLINE for 2014 MeSH Now Available in PubMed

MEDLINE Data Changes — 2014

Cataloging News — 2014

2014 MeSH Now Available

MEDLINE/PubMed Year-End Processing Activities

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My NCBI Curriculum Vitae Web Application: SciENcv

Hutcherson L. My NCBI Curriculum Vitae Web Application: SciENcv. NLM Tech Bull. 2013 Sep-Oct;(394):e3.

2013 September 17 [posted]

SciENcv is a new feature in My NCBI that helps users create an online professional profile that can be made public to share with others. In SciENcv users can document their education, employment, research activities, publications, honors, research grants, and other professional contributions. In addition, the SciENcv profile may include an ORCID® iD, when registered with ORCID.

eRA Commons account holders who have linked their eRA account to My NCBI will find their SciENcv profile automatically populated with the information stored in their eRA Commons profile. The information transferred from eRA Commons to SciENcv profiles can be changed, hidden, augmented, or deleted.

The SciENcv Web application is the end product of a request made by the Federal Demonstration Partnership (FDP) to reduce the administrative burden associated with federal grant submissions. It is being developed under the aegis of an interagency workgroup composed of members from the Department of Defense, the Department of Energy, the Environmental Protection Agency, the National Institutes of Health, the National Science Foundation, The Smithsonian, and the United States Department of Agriculture. For additional details on the mission and guiding principles of the Science Experts Network Curriculum Vitae project, please see the project page.

Creating a SciENcv Profile

There are two ways to create a professional profile in SciENcv:

1. through an automated data feed from eRA Commons (**A** in Figure 1) or
2. through manually entering personal information into the SciENcv template (**B** in Figure 1)

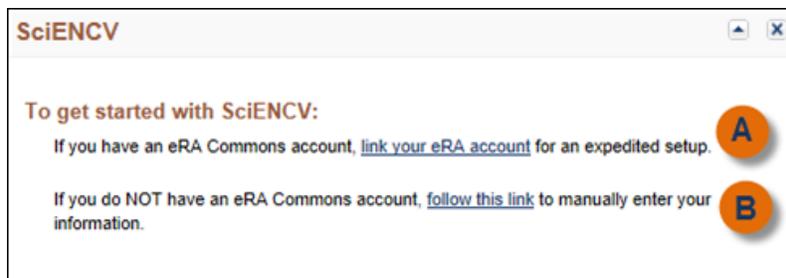


Figure 1: SciENcv portlet in the My NCBI homepage.

Users who do not have SciENcv populated with information from another data source will be prompted to add personal information (see Figure 2). The Personal Information window has an option to connect to ORCID to link to an ORCID iD or to register for an ORCID iD.

Figure 2: SciENcv Personal Information window.

Only Name and ORCID iD are displayed on the profile, no other personal information will appear (see Figure 3).

Report type: NIH BioSketch [NIH Biographical Sketch Instructions \(PDF\)](#)
 Last Updated: 28 August 2013

This Biosketch is not shared with others. You can [start sharing it](#).

NAME [\[Edit\]](#)
 Smith, Theodore R.

ORCID
[0000-0002-7848-3239](#)

Figure 3: Name and ORCID iD in SciENCv.

Adding Education and Training

Users add their academic background and training using the SciENCv input windows. Each selection provides a different set of choices (see Figure 4).

Figure 4: SciENCv Education and Training windows.

Delete and edit entries by hovering over the selected academic degree/training and clicking "Delete" or "Edit" (A in Figure 5).

EDUCATION/TRAINING [\[Show/hide entries \]](#) **B**

(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY	
University of California , Berkeley, CA, USA	BACHELOR OF SCIENCE	06 / 93	Physiology	Delete edit A
University of California Davis, CA, USA	DOCTOR OF VETERINARY MEDICINE	06 / 97	Veterinary Medicine - Large animals	

Figure 5: Delete/edit entries in Education section of SciENCv.

The "Show/hide entries" function (see B in Figure 5) allows users to select the content they want to display to viewers of their SciENCv profile. Unchecking or checking the checkbox next to an entry hides or displays the entry (see Figure 6).

EDUCATION/TRAINING [\[Done \]](#)

(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

Show in this profile	INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
<input checked="" type="checkbox"/>	University of California , Berkeley, CA, USA	BACHELOR OF SCIENCE	06 / 93	Physiology
<input checked="" type="checkbox"/>	University of California, Davis, CA, USA	DOCTOR OF VETERINARY MEDICINE	06 / 97	Veterinary Medicine - Large animals
<input checked="" type="checkbox"/>	University of California, Davis, CA, USA	Resident	12 / 00	Equine surgery emphasis

Figure 6: Show/hide entries in Education and Training section of SciENCv.

Including a Personal Statement

In the Personal Statement section of SciENCv users can enter a brief personal statement using a simple text window (see Figure 7). SciENCv uses markdown syntax, which allows for simple formatting to be added to the text. Formatting guidelines are provided by clicking the icon.

Figure 7: Personal Statement simple text window in SciENcv.

Listing Work Experience, Professional Memberships, and Honors

This section of SciENcv consists of three parts: Employment, Other Experience and Professional Memberships, and Honors. Each part has a separate input window. For employment history, see Figure 8.

Figure 8: Employment window of SciENcv.

For other experience and professional memberships, see Figure 9.

Figure 9: Other Experience and Professional Membership window in SciENcv.

For honor society memberships, honorary titles and other honorary awards, see Figure 10.

Figure 10: Honors window in SciENcv.

Delete and edit entries in this section also by hovering over the selected work experience, professional membership, or honor and clicking "Delete" or "Edit" (see **A** in Figure 11).

B. POSITIONS AND HONORS

Positions and Employment [Show/hide entries] **B**

2001 - 2006	Veterinarian, University of California Davis, Large Animal Clinic, Davis, CA, USA	
2007	Veterinarian and Equine surgery specialist, University of California Davis, Large Animal Clinic, Davis, CA, USA	Delete edit A
2007	Associate Professor, University of California Davis, School of Veterinary Medicine, Davis, CA, USA	

[add another entry](#)

Figure 11: Delete/edit entries in Employment section of SciENcv.

The "Show/hide entries" function is also available in this section (see **B** in Figure 11).

Adding Publications

The Selected Peer-reviewed Publications section uses My Bibliography to manage citation data in SciENcv. SciENcv profiles are automatically populated with citations stored in My Bibliography. New citations are also added to SciENcv through My Bibliography.

Users who find that their My Bibliography collection is too extensive for their SciENcv profile have the option to selectively hide citations using the "Show/hide entries" function. By being unchecked, the citation shown in gray below is hidden and consequently it will not be displayed when a SciENcv profile is shared or printed (see Figure 12).

C. SELECTED PEER-REVIEWED PUBLICATIONS [Done] [Add citations]

Select: [All](#) [None](#) 2 item(s) selected unchecked entries are hidden from display

<input checked="" type="checkbox"/>	Beeston T, Smith TR, Maricic I, Tang X, Kumar V. Involvement of IFN- γ and perforin, but not Fas/FasL interactions in regulatory T cell-mediated suppression of experimental autoimmune encephalomyelitis. J Neuroimmunol. 2010 Dec 15;229(1-2):91-7. PubMed PMID: 20708278; PubMed Central PMCID: PMC2991517.	
<input checked="" type="checkbox"/>	Smith TR, Maricic I, Ria F, Schneider S, Kumar V. CD8alpha+ dendritic cells prime TCR-peptide-reactive regulatory CD4+FOXP3- T cells. Eur J Immunol. 2010 Jul;40(7):1906-15. PubMed PMID: 20394075; PubMed Central PMCID: PMC3031495.	
<input type="checkbox"/>	Smith TR, Connor FD. Evaluation of racing performance after orthopaedic treatment in Thoroughbreds. Equine Medicine and Surgery. 2005 June 21; 15(3):435.	

Figure 12: Show/hide entries in Selected Peer-reviewed Publications section of SciENcv.

Adding Research Support

The Research Support section displays a collection of ongoing and completed research awards.

NIH and HRA grantees who have linked their eRA/HRA accounts to My NCBI will have their SciENcv profile automatically populated with their NIH/HRA research awards. Users who have research awards issued by other agencies or institutions can add their research awards using the add award input window (see Figure 13).

Add award

* required information

Funding source: *

Grant ID: *

From: * yyyy-mm-dd To: * yyyy-mm-dd

Project title: *

Project description:

Your role: * Principal Investigator

PI name: * Smith, Theodore R.

Save Save & add another entry Cancel

Figure 13: Add award window in SciENcv.

In Research Support, as in other SciENcv sections, users can also selectively hide entries they wish to omit from displaying in their profile. "Edit Awards" allows users to uncheck/check the awards they want to hide or display. Awards are displayed in three tabs: NIH, HRA, and User. The first two tabs appear only when award data are transferred from eRA and HRA. The User tab stores manually added research awards (see Figure 14).

D. RESEARCH SUPPORT [Done]

eRA User

Select: [All](#) [None](#) 1 item(s) selected unchecked entries are hidden from display

<input checked="" type="checkbox"/>	UCDVET126789, UC Davis School of Veterinary Medicine Smith, Theodore R. (PI) Equine Veterinary Research database The goal of this project is to create an integrated database of Equine Veterinary research across the state. Role: PI Edit Delete	2010-09-01 to 2015-08-31
<input type="checkbox"/>	AVMA3453987, American Veterinary Medical Association Smith, Theodore R. (PI) Practitioner Research Award Role: PDC Edit Delete	2007-01-01 to 2007-12-31

Figure 14: Edit Awards displays awards from two sources eRA and User.

The research award shown in gray above is hidden and consequently it will not be displayed when a SciENcv profile is shared or printed.

Sharing and Printing SciENcv

SciENcv profiles are set as private by default. However, a profile can be shared with others through a public URL (see **A** in Figure 15).

 [SciENCV help](#)

Report type: NIH BioSketch [NIH Biographical Sketch Instructions \(PDF\)](#)

Last Updated: 28 August 2013

This Biosketch is not shared with others. You can [start sharing it](#). **A**

B  [Generate PDF version](#)

Figure 15: Activate public URL and printing in SciENcv.

SciENcv profiles can be printed in PDF format (see **B** in Figure 15). The SciENcv PDF follows the NIH Biographical Sketch format. Only the items checked for display in a SciENcv profile will be shown through the public URL or printed in the PDF.

A link to Help is located in the top right corner of the NCBI SciENcv profile page.

By Lidia Hutcherson
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PubMed Relevance Sort

Canese K. PubMed Relevance Sort. NLM Tech Bull. 2013 Sep-Oct;(394):e2.

2013 September 17 [posted]
2013 October 22 [Editor's note added]

[Editor's note: This change was implemented in PubMed on October 22, 2013.]

PubMed will soon include a new relevance sort option. The "Relevance" sort option will be available from the "Display Settings" menu under the "Sort by" selections.

The relevance sort order for search results is based on an algorithm that analyzes each PubMed citation that includes the search terms. For each search query, "weight" is calculated for citations depending on how many search terms are found and in which fields they are found. In addition, recently-published articles are given a somewhat higher weight for sorting.

Easy access to the relevance sort will also initially be provided under a "New feature" discovery tool (see Figure 1).

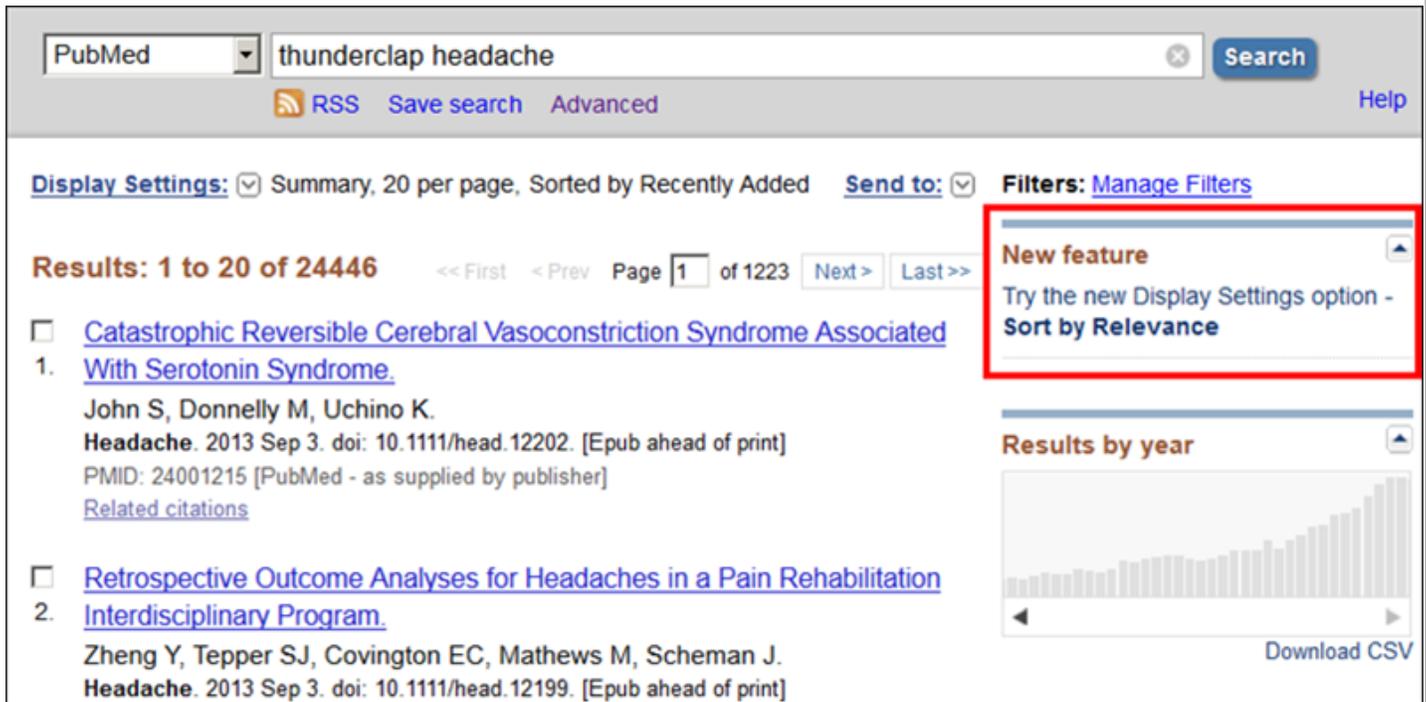


Figure 1: PubMed Summary results with "Sort by Relevance" feature discovery tool.

Users may either choose "Relevance" from the "Display Settings Sort by" menu or click the "Sort by Relevance" link in the New Feature discovery tool (see Figure 2).

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

Display Settings: Summary, 20 per page **Sorted by Relevance** **Send to:** **Filters:** [Manage Filters](#)

Results: 1 to 20 of 24446 << First < Prev Page of 1223 Next > Last >>

[Thunderclap headache: diagnostic considerations and neuroimaging features.](#)
 Mortimer AM, Bradley MD, Stoodley NG, Renowden SA.
 Clin Radiol. 2013 Mar;68(3):e101-13. doi: 10.1016/j.crad.2012.08.032. Epub 2012 Dec 11.
 Review.
 PMID: 23245274 [PubMed - indexed for MEDLINE]
[Related citations](#)

[A case of cerebellar infarction presenting as thunderclap headache.](#)
 Jo YS, Choi JY, Han SD, Kim YD, Na SJ.
 Neurol Sci. 2012 Apr;33(2):321-3. doi: 10.1007/s10072-011-0673-6. Epub 2011 Jul 1.
 PMID: 21720896 [PubMed - indexed for MEDLINE]

New feature
 Results currently sorted by Relevance - **Sort by Recently Added**

Results by year

[Download CSV](#)

Figure 2: PubMed results sorted by Relevance.

The update to the sort by selections will be combined with a new feature that retains the most recent sort by selection for subsequent search results until a different sort order is selected, or after eight hours of inactivity on the system.

Results for My NCBI users that are signed in with a modified default sort order will continue to display in the modified order until a different sort order is selected. A Relevance default sort selection in My NCBI PubMed Preferences will be added after the initial implementation of this new feature.

By Kathi Canese
 National Center for Biotechnology Information

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MEDLINE/PubMed Year-End Processing Activities for 2013

Tybaert S. MEDLINE/PubMed Year-End Processing Activities for 2013. NLM Tech Bull. 2013 Sep-Oct;(394):e1.

2013 September 03 [posted]

The National Library of Medicine (NLM) is currently involved in MEDLINE year-end processing (YEP) activities. These include changing the Medical Subject Headings (MeSH) main headings as well as Supplementary Concept Records that standardize names and associated numbers for chemical, protocols, and diseases that are not main headings. The MeSH edits include existing MEDLINE citations to conform with the 2014 version of MeSH, and other global changes.

Important Dates

- November 20, 2013: NLM expects to temporarily suspend the addition of fully-indexed MEDLINE citations to PubMed. Publisher-supplied and in process citations will continue to be added.
- Mid-December 2013: PubMed MEDLINE citations, translation tables, and the MeSH database will have been updated to reflect 2014 MeSH.

For details about the impact on searching from November 20 to mid-December, see: [Annual MEDLINE/PubMed Year-End Processing \(YEP\): Impact on Searching During Fall 2013](#).

For background information on the general kinds of changes made annually, see: [Annual MEDLINE/PubMed Year-End Processing \(YEP\): Background Information](#).

By Sara Tybaert
MEDLARS Management Section

Other pertinent articles:

[What's New for 2014 MeSH](#)

[Newly Maintained MEDLINE for 2014 MeSH Now Available in PubMed](#)

[MEDLINE Data Changes — 2014](#)

[Cataloging News — 2014](#)

[2014 MeSH Now Available](#)

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