

# NLM Office Hours: PubMed Update

Amanda Sawyer, MLIS (NLM-NCBI) [C]

June 11, 2024



U.S. National Library of Medicine  
*National Center for Biotechnology Information*

# Agenda

- PubMed Updates & New Features
- Where to Find Training & Support
- Questions

# PubMed by the Numbers



**Comprised of more than 37 million citations**  
Over 1.6 million citations added since MLA '23



**Visited by 3.5 million users per weekday**  
From all over the world



**5.5 million searches conducted per day**  
In the PubMed web interface

# PubMed

## Updates & New Features

# “Sort By” Moved out of Display Options

PubMed®

monoclonal antibodies

Search

Advanced Create alert Create RSS User Guide

Save Email Send to

Sort by: Best match

Display options

MY NCBI FILTERS

344,733 results

Page 1 of 34,474

RESULTS BY YEAR

1946 2024

**Monoclonal antibodies.**

1 Nelson PN, Reynolds GM, Waldron EE, Ward E, Giannopoulos K, Murray PG.  
Mol Pathol. 2000 Jun;53(3):111-7. doi: 10.1136/mp.53.3.111.  
PMID: 10897328 [Free PMC article.](#) [Review.](#)

Cite

Share **Monoclonal antibodies** are essential tools for many molecular immunology investigations. ...In addition, **monoclonal antibodies** have become key components in a vast array of clinical laboratory diagnostic tests. ...

# Proximity Search in the Affiliation Field

## "Hopkins Bloomberg Public"[Affiliation:~45]

1 From the Department of Biostatistics, Bloomberg School of Public Health (J.M., E.M.S., A.E., C.M.C.) and Department of Neurology, Division of Brain Injury Outcomes (N.L.U., D.F.H.), Johns Hopkins Medical Institutions, Baltimore, MD; and Department of Neurosurgery, David Geffen School of Medicine at UCLA (N.M., P.V.)

7 Center for Child and Community Health Research (CCHR), Department of Pediatrics, Johns Hopkins School of Medicine, Johns Hopkins Bayview Medical Center, 5200 Eastern Ave, Mason F Lord Building, Center Tower, Suite 2015, Baltimore, MD, 21224, USA; Department of Epidemiology, Bloomberg School of Public Health, 615 N. Wolfe Street, Suite W6501, Baltimore, MD, 21205, USA.

# Wildcard Improvement

**Wildcards can be used in the middle of a term or a phrase, i.e., “colo\*r”**

**Multiple wildcards can be used in a term or a phrase, i.e., “vaccin\* schedul\*”**

[Worldwide Incidence of Ocular Melanoma and Correlation With Pigmentation-Related Risk Factors.](#)

4

Cite Wu M, Yavuziyigitoglu S, Brosens E, Ramdas WD, Kiliç E; Rotterdam Ocular Melanoma Study Group (ROMS).

Share

Invest Ophthalmol Vis Sci. 2023 Oct 3;64(13):45. doi: 10.1167/iovs.64.13.45.

PMID: 37902747 [Free PMC article.](#)

Furthermore, six **iris color** predicting SNPs have been discovered (IrisPlex). Interestingly, two of these (rs129138329 and rs12203592) are also UM-risk factors. ...SNP rs12913832 correlated with OM incidence (r = 0.83, P 0.001), blue **iris color** (r = 0.5 ...

[IRIS COLOUR CLASSIFICATION SCALES--THEN AND NOW.](#)

5

Grigore M, Avram A.

Cite Rom J Ophthalmol. 2015 Jan-Mar;59(1):29-33.

PMID: 27373112 [Free PMC article.](#) [Review.](#)

Share

Since the first documented classification scale developed in 1843, there have been numerous attempts to classify the **iris colour**. In the past centuries, **iris colour** classification scales has had various colour categories and mostly relied on comparison ...



# Wildcard Improvement

Wildcards can be used in the middle of a term or a phrase, i.e., colo\*r

Multiple wildcards can be used in a term or a phrase, i.e., “vaccin\* schedul\*”

[Wild and vaccine-derived poliovirus circulation, and implications for polio eradication.](#)

9

Cite Lopalco PL.

Epidemiol Infect. 2017 Feb;145(3):413-419. doi: 10.1017/S0950268816002569. Epub 2016 Nov 21.

Share PMID: 27866483 [Free PMC article.](#) [Review.](#)

In order to decrease the risk for cVDPV2 re-emergence inactivated polio vaccine (IPV) has been introduced in the routine **vaccine schedule** of all countries. The likelihood of re-emergence of cVDPVs should markedly decrease with time after OPV cessation, but silent ci ...

[Tetanus: A Potential Public Health Threat in Times of Disaster.](#)

10

Finkelstein P, Teisch L, Allen CJ, Ruiz G.

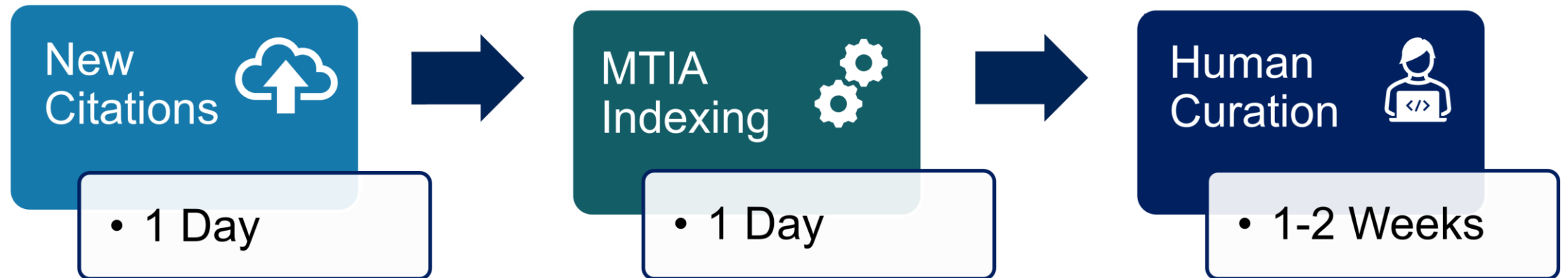
Cite Prehosp Disaster Med. 2017 Jun;32(3):339-342. doi: 10.1017/S1049023X17000012. Epub 2017 Feb 20.

PMID: 28215195 [Review.](#)

Share Controlled trials, randomized controlled trials, trials of adult patients, published guidelines, expert opinions, and review articles were selected and extracted. RESULTS: Current **vaccination schedules** in developed countries provide prophylaxis for tetanus. ...



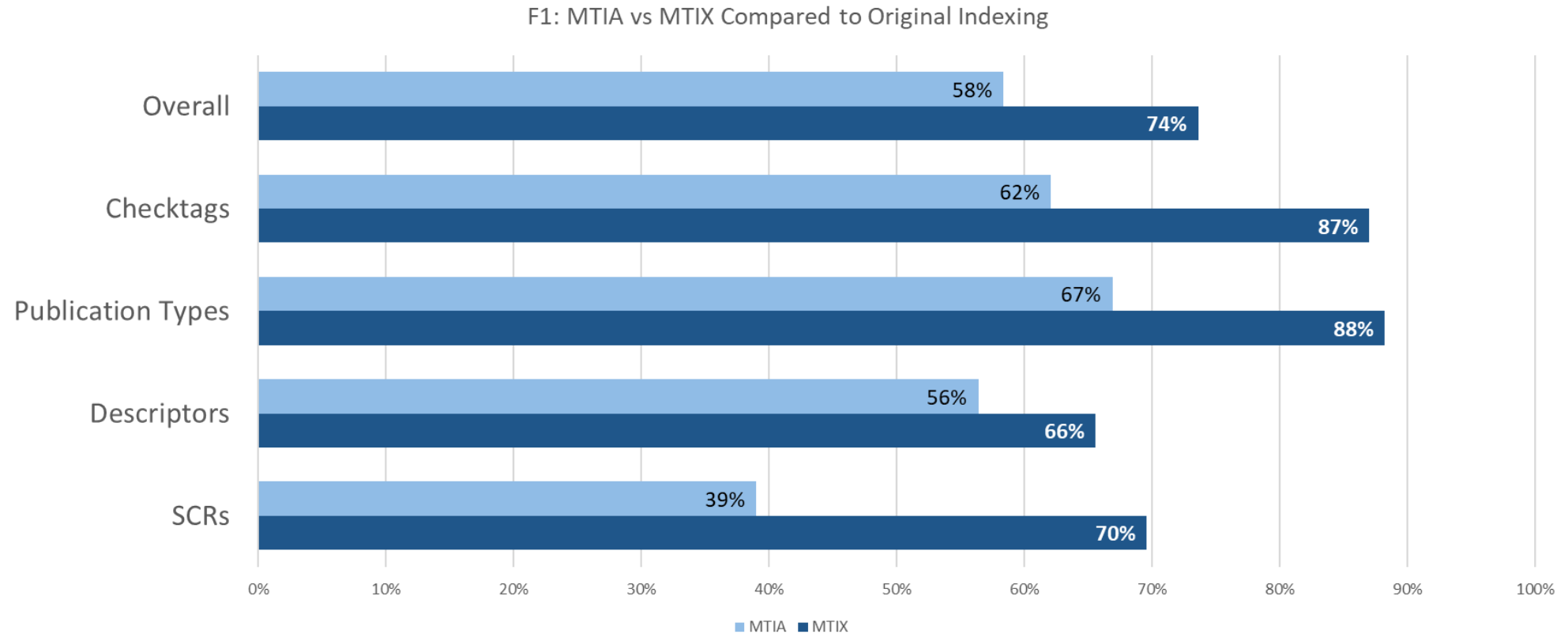
# MEDLINE Indexing Algorithm



# MEDLINE Indexing Algorithm



# MEDLINE Indexing Algorithm



## NLM Office Hours: Automated Indexing

[https://www.nlm.nih.gov/oet/ed/pubmed/02-24\\_oh\\_medline-automated-indexing.html](https://www.nlm.nih.gov/oet/ed/pubmed/02-24_oh_medline-automated-indexing.html)

# Disclaimer Updates

> J Interprof Care. 2024 Apr 26:1-10. doi: 10.1080/13561820.2024.2343835. Online ahead of print.

## Decoding healthcare teamwork: a typology of hospital teams

Natalie Sanford <sup>1</sup>, Mary Lavelle <sup>2</sup> <sup>3</sup>, Ola Markiewicz <sup>2</sup>, Gabriel Reedy <sup>4</sup>, Dame Anne Marie Rafferty <sup>1</sup>, Lord Ara Darzi <sup>2</sup>, Janet E Anderson <sup>5</sup>

Affiliations + expand

PMID: 38666463 DOI: 10.1080/13561820.2024.2343835

### Abstract

The effectiveness of healthcare depends on successful teamwork. Current understanding of teamwork in healthcare is limited due to the complexity of the context, variety of team structures, and unique demands of healthcare work. This qualitative study aimed to identify different types of healthcare teams based on their structure, membership, and function. The study used an ethnographic approach to observe five teams in an English hospital. Data were analyzed using a combined inductive-deductive approach based on the Temporal Observational Analysis of Teamwork framework. A typology was developed, consisting of five team types: structural, hybrid, satellite, responsive, and coordinating. Teams were challenged to varying degrees with staffing, membership instability, equipment shortages, and other elements of the healthcare environment. Teams varied in their ability to respond to these challenges depending on their characteristics, such as their teamworking style, location, and membership. The typology developed in this study can help healthcare organizations to better understand and design effective teams for different healthcare contexts. It can also guide future research on healthcare teams and provide a framework for comparing teams across settings. To improve teamwork, healthcare organizations should consider the unique needs of different team types and design effective training programs accordingly.

**Keywords:** Adaptive teams; healthcare teamwork; interprofessional teamwork; team design; team typology.

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**BMC Health  
Services Research**

**BMC**

[BMC Health Serv Res](#). 2024; 24: 626.

Published online 2024 May 14. doi: [10.1186/s12913-024-11079-9](#)

Perceptions of vision care following neurological impairment: a qualitative

[Kerry Hanna](#),<sup>✉1</sup> [Elizabeth Lomas](#),<sup>1</sup> [Stephen Rimmer](#),<sup>2</sup> and [Fiona Rowe](#)<sup>3</sup>

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1 [A real-time biochemical assay for quantitative analyses of APOBEC-catalyzed DNA deamination.](#)

Cite Belica CA, Carpenter MA, Chen Y, Brown WL, Moeller NH, Boylan IT, Harris RS, Aihara H.

bioRxiv [Preprint]. 2024 May 12:2024.05.11.593688. doi: 10.1101/2024.05.11.593688.

Share **Update in:** [J Biol Chem. 2024 May 23:107410. doi: 10.1016/j.jbc.2024.107410.](#)

PMID: 38766133 [Free PMC article.](#) Preprint.

2 [The implications of APOBEC3-mediated C-to-U RNA editing for human disease.](#)

Cite Van Norden M, Falls Z, Mandloi S, Segal BH, Baysal BE, Samudrala R, Elkin PL.

Commun Biol. 2024 May 4;7(1):529. doi: 10.1038/s42003-024-06239-w.

Share PMID: 38704509 [Free PMC article.](#)

3 [Protein Interaction Map of APOBEC3 Enzyme Family Reveals Deamination-Independent Role in Cellular Function.](#)

Cite Jang GM, Annan Sudarsan AK, Shayeganmehr A, Prando Munhoz E, Lao R, Gaba A, Granadillo Rodríguez

M, Love RP, Polacco BJ, Zhou Y, Krogan NJ, Kaake RM, Chelico L.

Share Mol Cell Proteomics. 2024 May;23(5):100755. doi: 10.1016/j.mcpro.2024.100755. Epub 2024 Mar 27.

PMID: 38548018 [Free PMC article.](#)

# Upcoming PubMed Development



**Ongoing maintenance and bug fixes**



**Usability and accessibility improvements**



**Updated sidebar filter interface**



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# Questions?

