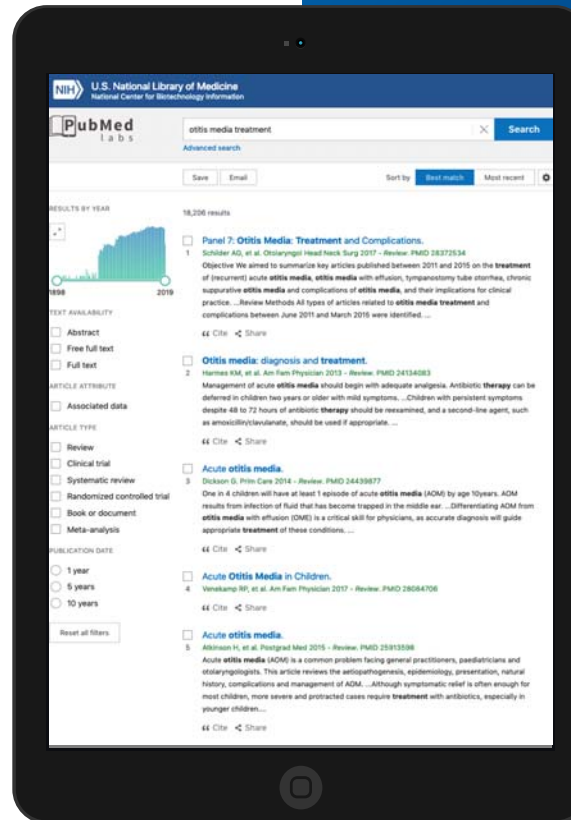


# PubMed |

An essential, free citation resource that connects researchers, clinicians, HCPs, and the general public to biomedical literature and data.

Essential service “the interruption of which would endanger. . .the whole or part of the population.”



29.5M

Records

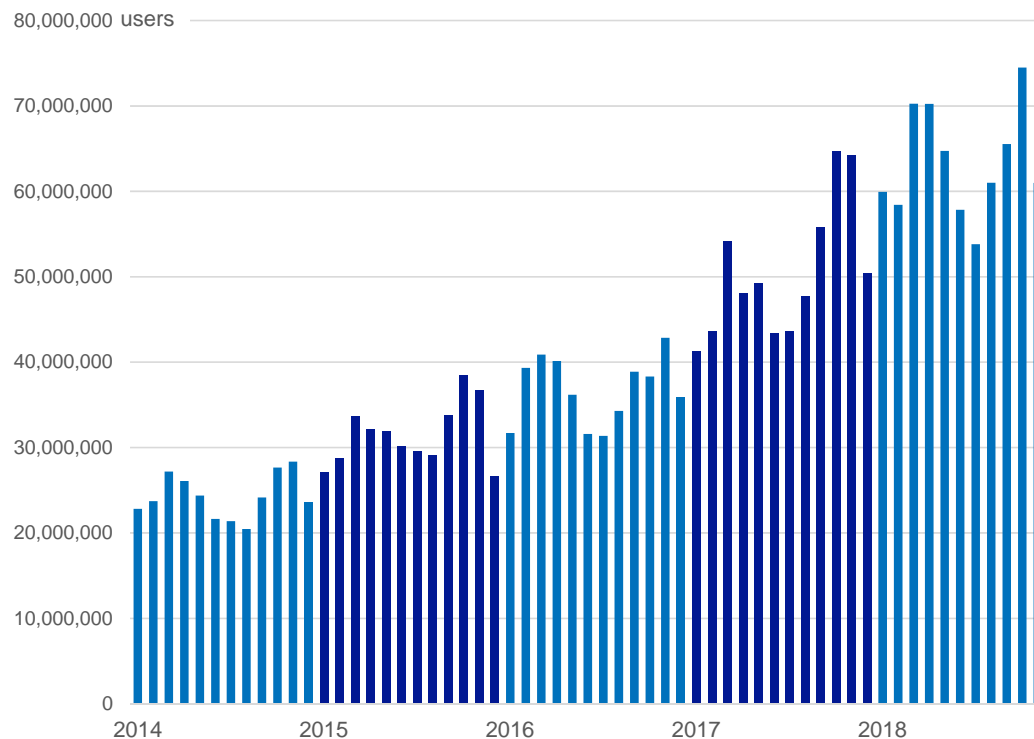
51.9M

Interactive  
Monthly Users

63.7TB

Monthly Bytes  
Delivered

# PubMed Central



PMC has played a critical role in ensuring the public has free access to the full text of publicly-funded research across scientific disciplines.

Records 5.5M

Interactive Monthly users 49.7M

Monthly Bytes Delivered 41.2TB

More than 1M papers deposited under the NIH Public Access Policy.

Addition of Associated Data Box in Nov 2018 resulted in 30% increase in daily downloads of supplementary material.

# PubChem

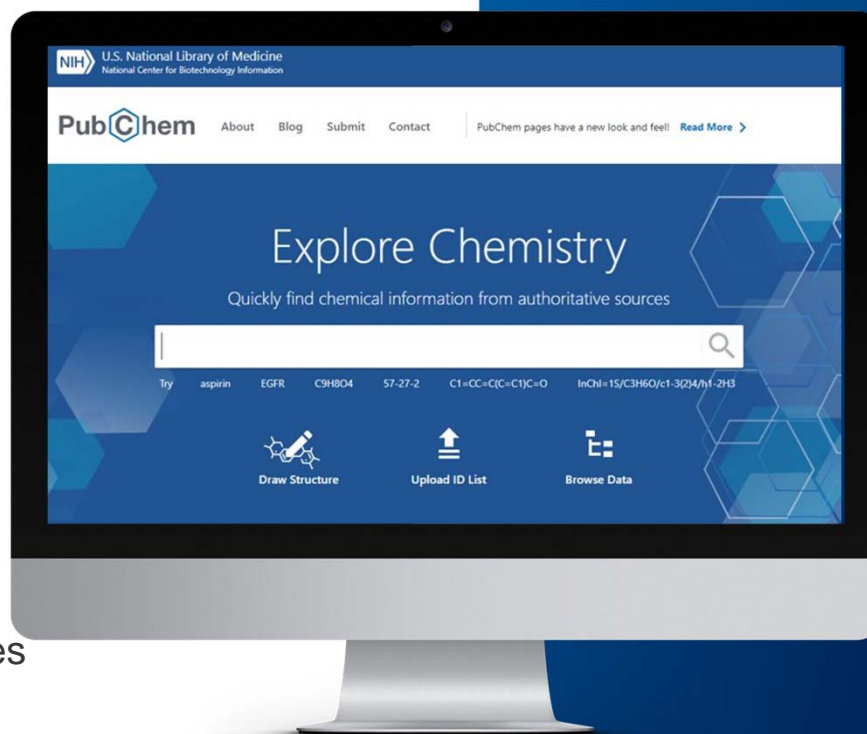
PubChem helps researchers make sense of the biological roles and health effects of chemicals on human health and the environment.

New Home page & search

Gene and Protein Target pages

Integrated NLM ToxNet data

Thieme chemistry supplied 1.2 million citation links, 700K structures



350M

Records

4M

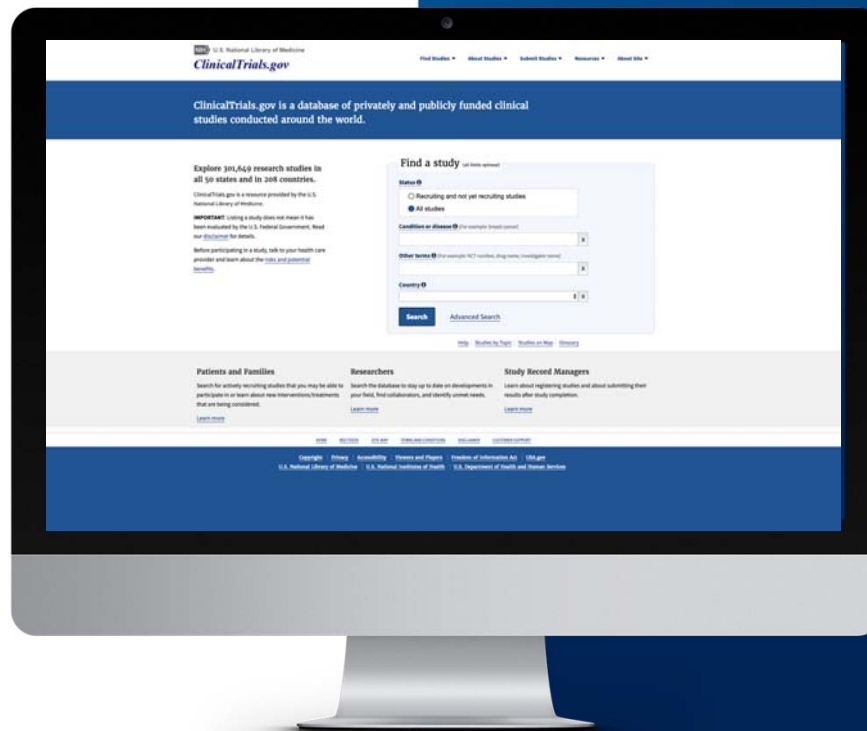
Interactive  
Monthly Users

2TB

Monthly Bytes  
Delivered

# ClinicalTrials.gov

Supports U.S. regulations, NIH, and other policies aimed at meeting ethical obligations to research participants and providing accountability in the reporting of research.



A database of privately and publicly funded clinical studies conducted around the world.

301,497

Records

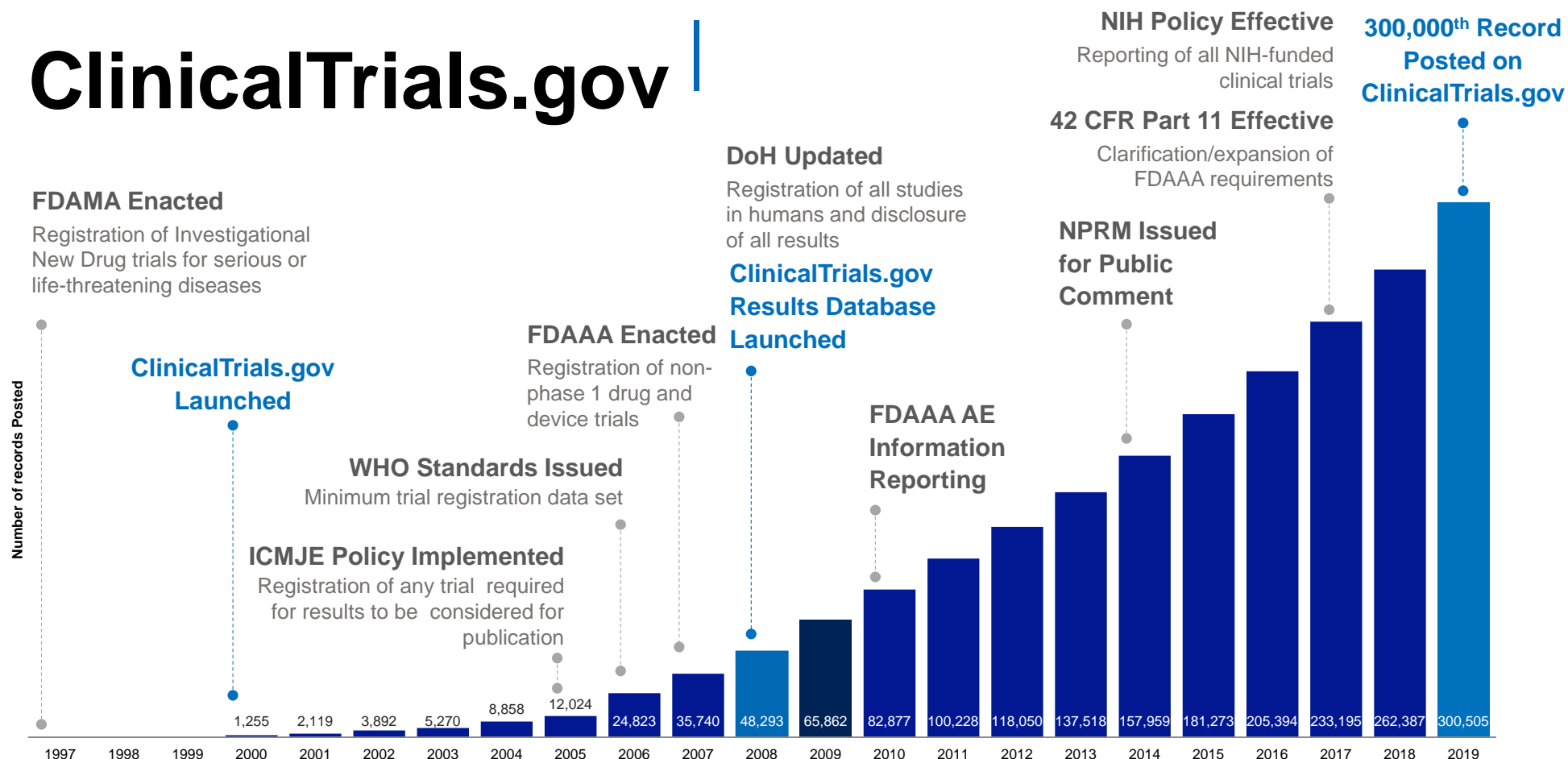
2.8M

Interactive  
Monthly Users

7.2TB

Monthly  
Bytes Delivered

# ClinicalTrials.gov



**Abbreviations:** AE, adverse event; CFR, Code of Federal Regulations; DoH, Declaration of Helsinki; FDAAA, Food and Drug Administration Amendments Act; FDAMA, Food and Drug Administration Modernization Act; ICMJE, International Committee of Medical Journal Editors; NIH Policy, NIH Policy on the Dissemination of NIH-Funded Clinical Trial Information; NPRM, Notice of Proposed Rulemaking; and WHO, World Health Organization.



# Exposing Datasets Associated with Publications in PMC



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

# PMC Associated Data Box

Exposing data-related content available in the full-text of an article

35. Jenkins R, Dowsett AJ, Burton AM. 2018. Data from: How many faces do people know? Dryad Digital Repository. (10.5061/dryad.7f25j43) [[CrossRef](#)]

## Supplementary Materials

### Participant data

[rsqb20181319supp1.pdf](#) (29K)

GUID: 6A83AB6C-53C3-4A1E-9206-6F0A13D8EA78

## Data accessibility

Go to: 

Data available from the Dryad Digital Repository: <https://doi.org/10.5061/dryad.7f25j43> [35].

THE  
ROYAL  
SOCIETY  
PUBLISHING

PROCEEDINGS B

ABOUT ►  
BROWSE BY SUBJECT ►  
ALERTS ►  
FREE TRIAL ►

*Proc Biol Sci.* 2018 Oct 10; 285(1888): 20181319.

Published online 2018 Oct 10. doi: [10.1098/rspb.2018.1319](https://doi.org/10.1098/rspb.2018.1319)

PMCID: PMC6191703

PMID: [30305434](https://pubmed.ncbi.nlm.nih.gov/30305434/)

## How many faces do people know?

[R. Jenkins](#),<sup>1</sup> [A. J. Dowsett](#),<sup>2</sup> and [A. M. Burton](#)<sup>1</sup>

► [Author information](#) ► [Article notes](#) ► [Copyright and License information](#) [Disclaimer](#)

## Associated Data

► [Data Citations](#)

► [Supplementary Materials](#)

► [Data Availability Statement](#)



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



# Data Search Filters in PMC and PubMed

The screenshot displays the PubMed search results for the query "Organ dysfunction, injury and failure in acute heart failure". The left sidebar shows the "Article attributes" section with "Associated Data" highlighted. The main content area shows the search results, including a bar chart of results by year (1953 to 2019) and a list of articles. The first article is "Organ dysfunction, injury and failure in acute heart failure: from pathophysiology to management. A review on behalf of the Acute Heart Failure Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC)". The second article is "New strategies for heart failure with preserved ejection fraction: the importance of late therapies for heart failure phenotypes". The right sidebar shows the "Text availability" section with "Abstract", "Free full text", and "Full text" options. The "Article attribute" section is also visible, with "Associated data" highlighted. The "Article type" section shows "Books and Documents" and "Clinical Trial" options.

Article attributes  
Associated Data  
Author manuscripts  
Digitized back issues  
MEDLINE journals  
Open access  
Retracted

Text availability  
Include embargoed articles

Publication date  
1 year  
5 years  
10 years  
Custom range...

Research Funder  
NIH  
AHRQ  
ACL  
ASPR  
CDC  
DHS  
EPA  
FDA  
NASA  
NIST  
VA  
Customize ...

Display Settings: Summary, 20 per page, Sorted by Default order

Search results  
Items: 1 to 20 of 397937

RESULTS BY YEAR

TEXT AVAILABILITY

ARTICLE ATTRIBUTE

ARTICLE TYPE

1. [Organ dysfunction, injury and failure in acute heart failure: from pathophysiology to management. A review on behalf of the Acute Heart Failure Committee of the Heart Failure Association \(HFA\) of the European Society of Cardiology \(ESC\)](#)  
Veli-Pekka Harjola, Wilfried Mullens, Marek Banaszewski, Johann Bauersachs, Hans-Pe La Rocca, Ovidiu Chioncel, Sean P. Collins, Wolfram Doehner, Gerasimos S. Filippatos, Flammer, Valentin Fuhrmann, Mitja Lainscak, Johan Lassus, Matthieu Legrand, Josep M Mueller, Zoltán Papp, John Parissis, Elke Platz, Alain Rudiger, Frank Ruschitzka, Andrea Petar M. Seferovic, Hadi Skouri, Mehmet Birhan Yilmaz, Alexandre Mebazaa  
Eur J Heart Fail. Author manuscript; available in PMC 2018 Jul 1.  
Published in final edited form as: Eur J Heart Fail. 2017 Jul; 19(7): 821-836. Published online 2017 May; doi: 10.1002/ehf.872  
PMCID: PMC5734941  
[Article](#) [PubMed](#) [PDF-701K](#) [Citation](#)

2. [New strategies for heart failure with preserved ejection fraction: the importance of late therapies for heart failure phenotypes](#)  
Michele Senni, Walter J. Paulus, Antonello Gavazzi, Alan G. Fraser, Javier Díez, Scott D Otto A. Smiseth, Marco Guazzi, Carolyn S. P. Lam, Aldo P. Maggioni, Carsten Tschöpe, I Scott L. Hummel, Frank Edelmann, Giuseppe Ambrosio, Andrew J. Stewart Coats, Gerasimos S. Filippatos, Mihai Gheorghiade, Stefan D. Anker, Daniel Levy, Marc A. Pfeffer, Wendy G. Burkhardt, M. Diecke

determined by MTT assay. Transmission electron microscopy was used to observe the ultrastructural changes of HepG2, A549 and **HeLa cells** treated with LTP. ...Results: The survival rates of LTP-irradiated HepG2 **cells** (irradiated for 107 s), **HeLa cells** (irradiated for 121 s) and A549 **cells** (irradiated for 127 s) were 50%. ...

Adhesive cell patterning technique using ultrasound vibrations  
Tani K, et al. Ultrasonics 2019. PMID 30939389  
The growth of **HeLa cells** on the dish was observed under ultrasound excitation for 24 h. Large ultrasound vibrations on the dish inhibited the cell growth. ...The ultrasound vibrations did not affect the viability of the **cells**, and the cell growth could be controlled by the flexural vibration of the cultured dish....

Chemical Toxicity on **HeLa Cells**.  
Verma RP and Hansch C. Curr Med Chem 2006 - Review. PMID 16475931  
**HeLa cells** were named for Henrietta Lacks, who died in 1952 from an infection of a special type of cancer. Margaret Gey, her physician, started working with these cancer **cells** that are still used for medical research. In the present review, an attempt has been made to collect the data for the effects of different chemicals on **HeLa cells** and to discuss them by the formulation of a total number of 22 QSAR....



# PMC Data Sources



## Supplemental Material

Deposit required for PMC participation and author manuscripts



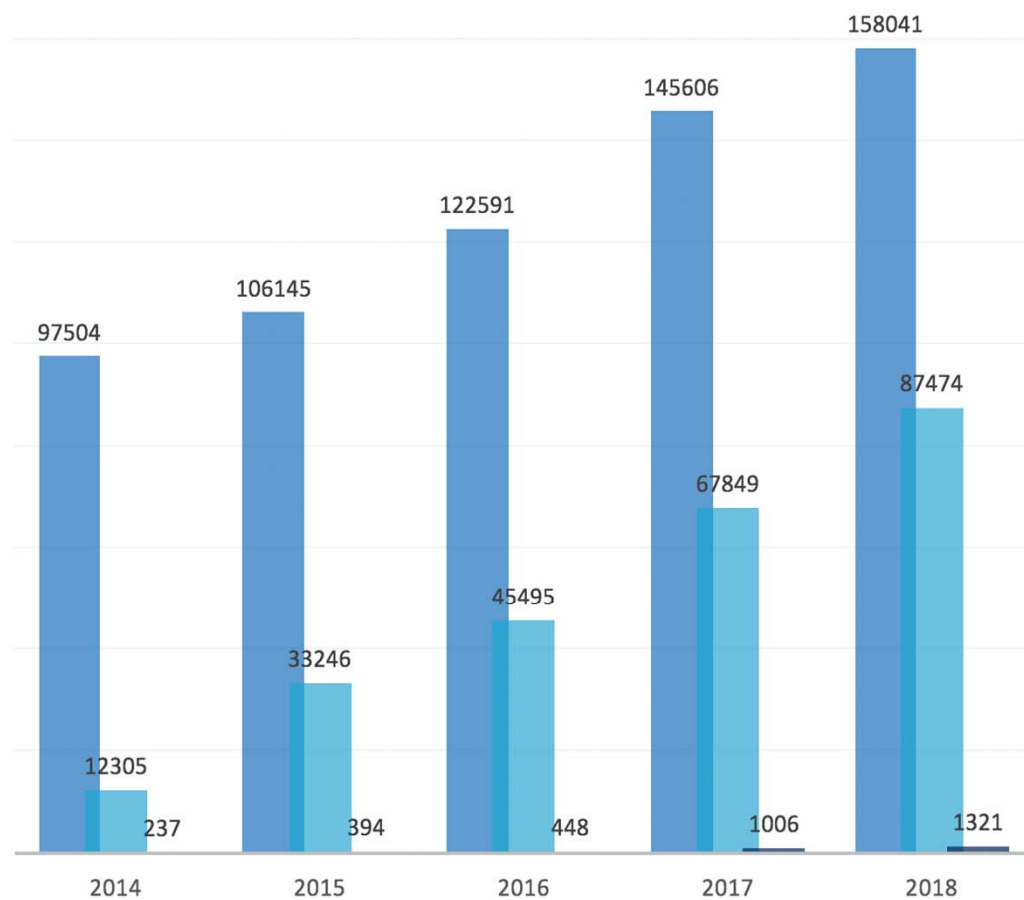
## Data Availability Statements

A common requirement of journals with data sharing policies



## Data Citations

Guidance issued for data providers in October 2017





# Dataset Identifiers

## February 4, 2019 — Unique Identifiers for Supplemental Material

PMC has updated the Associated Data box to display unique identifiers assigned to supplemental material (PMID: [PMC6351104](#)). In cases where the publisher has not assigned a unique ID to a supplemental material (GUID; see [PMC6351564](#)). This update aims to support the reporting of datasets as well as to

<https://www.ncbi.nlm.nih.gov/pmc/about/new-in-pmc/#2019-02-04>

Journal List > Scientific Reports > PMC6351564

  [/ABOUT](#)  
[/EDITORIAL BOARD](#)  
[/FOR AUTHORS](#)

*Sci Rep.* 2019; 9: 822. PMCID: PMC6351564  
Published online 2019 Jan 29. doi: [10.1038/s41598-018-35734-4](https://doi.org/10.1038/s41598-018-35734-4) PMID: [30696832](#)

### Remyelination promoting therapies in multiple sclerosis animal models: a systematic review and meta-analysis

[Carlijn R. Hooijmans](#),<sup>#2</sup> [Martin Hlavica](#),<sup>#1</sup> [Florian A. F. Schuler](#),<sup>3,5</sup> [Nicolas Good](#),<sup>1</sup> [Andrin Good](#),<sup>1</sup> [Lisa Baumgartner](#),<sup>1</sup> [Gianluca Galeno](#),<sup>1</sup> [Marc P. Schneider](#),<sup>1</sup> [Tazis Jung](#),<sup>4</sup> [Rob de Vries](#),<sup>2</sup> and [Benjamin V. Ineichen](#)<sup>1,4</sup>

[Author information](#) [Article notes](#) [Copyright and License information](#) [Disclaimer](#)

---

#### Associated Data

[Supplementary Materials](#)

Supplementary Dataset 1  
[41598\\_2018\\_35734\\_MOESM1\\_ESM.pdf](#) (1.0M)  
GUID: 470BA9A7-CDCC-4C15-AD51-4FD9D2A1741D



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

