Vaccine Safety Wikipedia Edit-a-thon

August 28, 2020

WIKIPEDIA
The Free Encyclopedia

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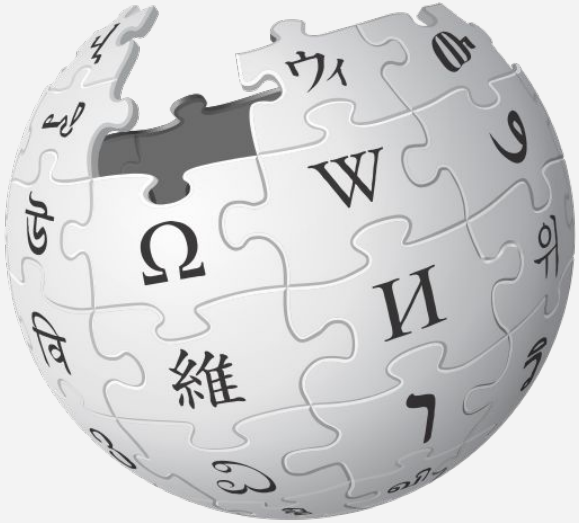
Vaccine Safety Wikipedia Edit-a-thon



Agenda

1. Welcome
2. KNoW Science Introduction
3. Wikipedia Editing Training
4. Editing
5. Discussion

Today's Objectives and Goals

Attendees will:

- Gain an understanding of Wikipedia's pillars and policies

- Learn how to:
  - edit existing Wikipedia articles
  - create new articles

With the goal of:

- Improving Wikipedia by adding and editing content about vaccines, vaccine safety, vaccine-focused organizations, or related topics

Today's Objectives

Attendees will:

- Use the event's wiki page to access a list of suggested articles, tasks, and links to useful secondary sources
- Use an Etherpad document to share chosen articles and avoid cross editing*

*Two or more attendees editing the same article simultaneously

Wikipedia

What exactly is it, anyway???

What is Wikipedia?

Wikipedia is a multilingual, web-based, free encyclopedia based on a model of openly editable content. It is the largest and most popular general reference work on the Internet. [Wikipedia] is supported by the Wikimedia Foundation, a non-profit organization which operates on money it receives from donors.

From Wikipedia (en)

Wikipedia: the 21st-century encyclopedia

“Imagine a world in which every single person on the planet is given free access to the sum of all human knowledge. That's what we're doing.”

-Jimmy Wales, co-founder, Wikipedia

About us

Free as in beer, Free as in freedom ... gratis et libre

Created and edited by volunteers

Overseen by nonprofit Wikimedia Foundation

All edits and versions recorded forever (revision history)

6+ million articles, 270+ languages

Free...

All content freely licensed without restrictions

Creative Commons Attribution Sharealike or Public Domain

Written content or image/video/audio uploads

Wikimedia Commons - multimedia repository commons.wikimedia.org

Commercial re-use is absolutely allowed. Google, publishers...

Wikimedia, is the global community of contributors to Wikimedia Foundation projects. The movement was created around Wikipedia's community, and has since expanded to the other Wikimedia projects.

Wikimedia

- Wikipedia, a web-based encyclopedia
- Wiktionary, a dictionary
- Wikibooks, educational textbooks
- Wikinews, news articles
- Wikiquote, a collection of quotations
- Wikisource, a library of source texts and documents
- Wikiversity, educational material
- Wikivoyage, a travel guide
- Wikispecies, a taxonomic catalogue of species
- Wikimedia Commons, a data repository of media like images, videos and sounds.
- Wikidata, a common source of data, also accessible by the other projects

Wikipedia Basics, Policies, and Oversight

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Wiki

- A website where anyone can edit any page at any time
- Meant to be "quick"
- Remembers all versions (nothing ever destroyed)
- Hyperlinks between pages

Wikipedia: Five Pillars

- Wikipedia is an encyclopedia
- Wikipedia is written from a neutral point of view
- Wikipedia is free content that anyone can use, edit, and distribute
- Wikipedia's editors should treat each other with respect and civility
- Wikipedia has no firm rules

WP:Pillars

Wikipedia Policies

- **Neutral Point of View -** written so all sides can agree (WP:POV)
- **Notability -** significant independent sources -> importance (WP:N)*
- **Verifiability** - Using reliable sources to reference information (WP:V)
- **No original research -** point to existing scholarship (WP: NOR)
- **Assume good faith -** start with congenial spirit (WP:GF)
- **Conflicts of interest -** disclose and abide by terms of service (WP:COI)

*See also ‘Category:Wikipedia notability guidelines’ for more on notability by topic

Is Wikipedia Reliable?

- Wikipedia should not be considered a definitive source in and of itself
- It can be edited by anyone at any time meaning that any article can be subject to misinformation or vandalism
- Edits on Wikipedia that are in error may eventually be fixed
- Wikipedia is a volunteer-run project and cannot monitor every contribution all the time.
- Errors can go unnoticed for days, weeks, months, or even years

From WP: Wikipedia is not a reliable source

Is Wikipedia Reliable? Quality Controls

- Wikipedia is maintained by a community of volunteers
- Vandalism is identified and reverted by a combination of bots and individuals
- Widely read articles, like those about newsworthy topics such as politics, medicine, and science are monitored closer than others due to the number of views
- Wikiprojects, including patrol and thematic address article flaws and content gaps
- Admins and committees resolve issues when necessary

WP: Quality control, WP: Patrols, WP:Admin

Wikiprojects

- A group of contributors who want to work together as a team to improve Wikipedia
- Often focus on a specific topic area (for example, WikiProject Medicine) or a specific part of the encyclopedia (for example, WP:WikiProject Disambiguation), or a specific kind of task (for example, checking newly created pages).
- English Wikipedia currently has over 2,000 WikiProjects, about 1,000 of which are monitored by 30–2,000 editors

WP: Wikiproject

Wikiproject Medicine

[edit source]

WikiProject Medicine

Welcome to **WikiProject Medicine**! We discuss, collaborate, and debate anything and everything relating to medicine and health on Wikipedia on our **discussion page**.
Everyone is welcome to join!

Meet our members!

Diptanshu Das

Mvolz

Petergstrom

View Full List

Join WikiProject

WP: Med

Event Page and Article Work List

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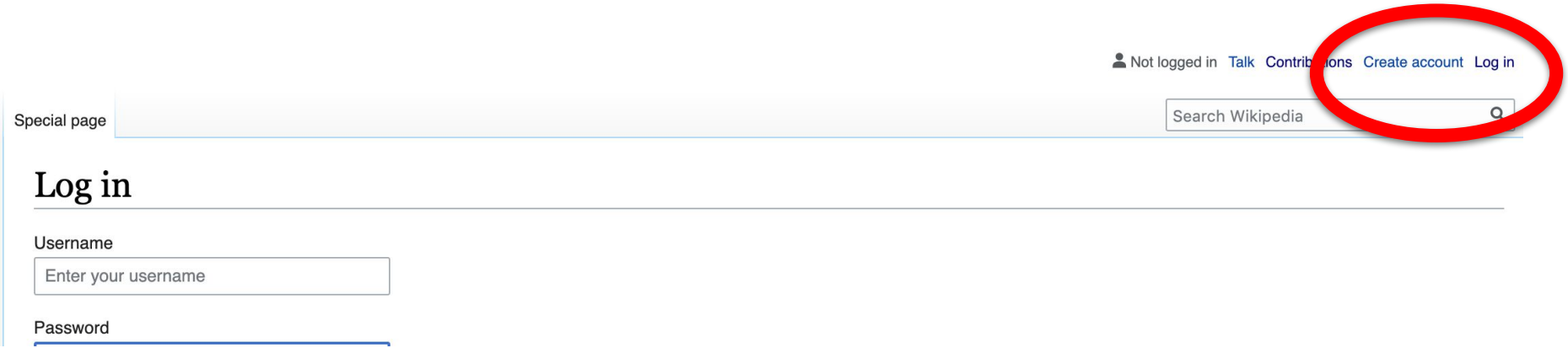
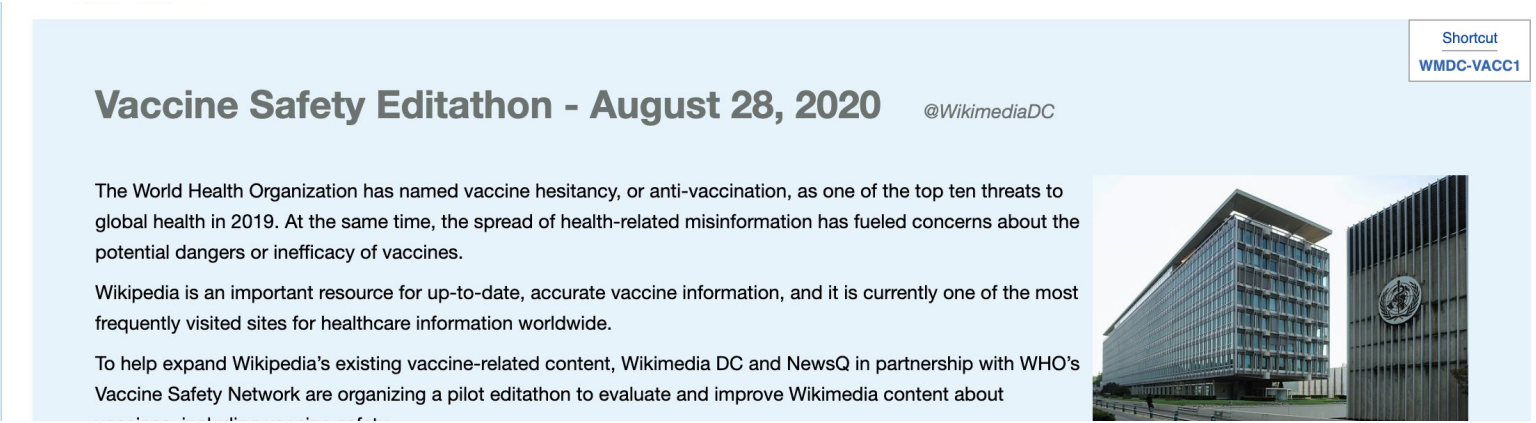
Log in to Wikipedia

1. Go to en.wikipedia.org
2. Create username or log in (top right)



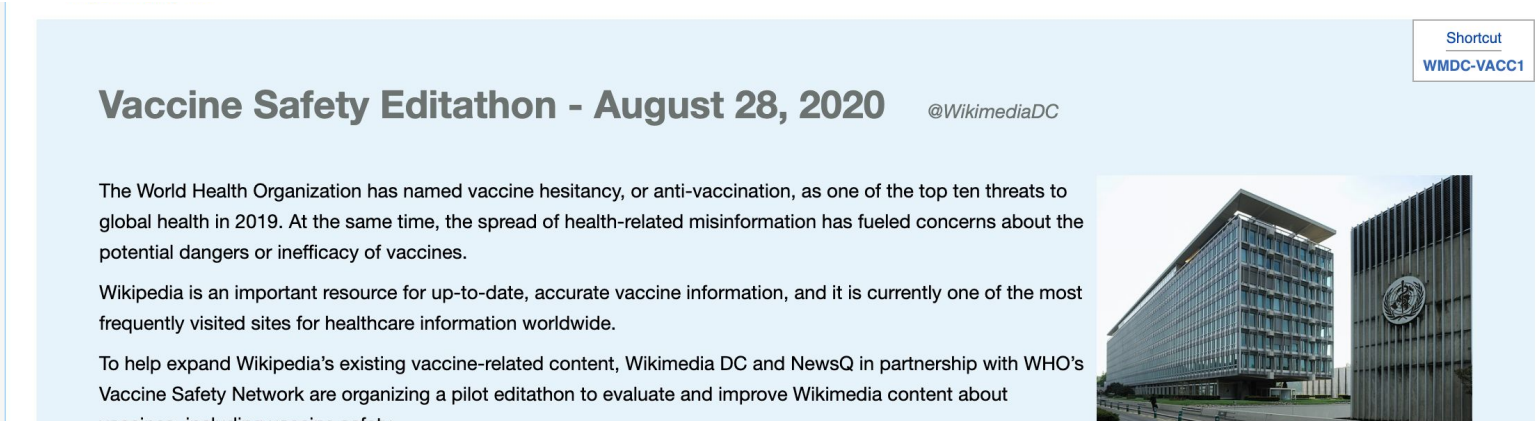
Event page

1. Go to en.wikipedia.org
2. Enter WMDC-VACC1 into the Wikipedia search bar (top right)



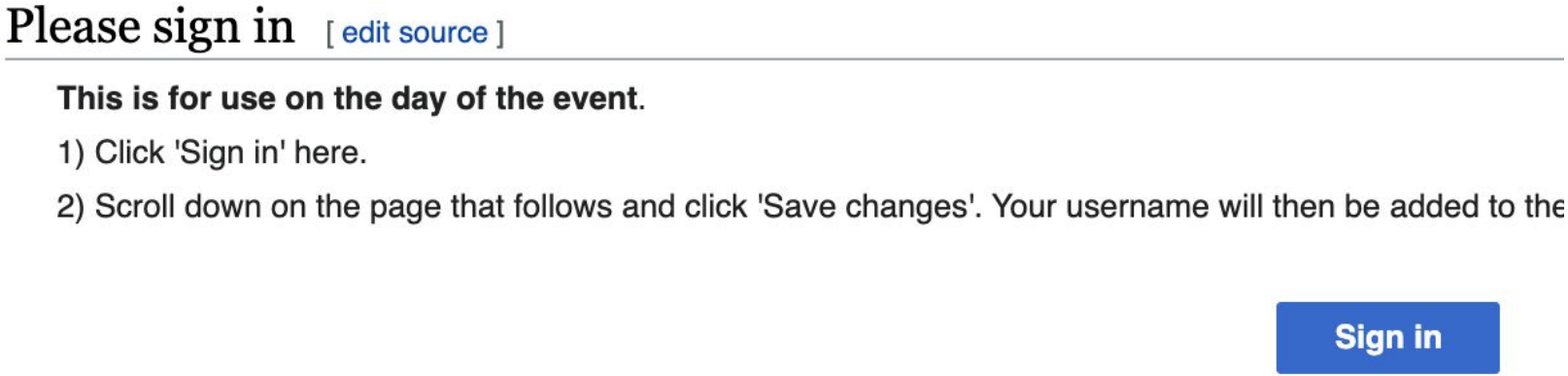
Event page

- Wikimedia page with links to Wikipedia policies, practices, and tools. Also includes a list Wikipedia articles for creation or improvement and secondary sources
- This page will remain live and accessible after the event.



Event page Sign-in

1. Go to the blue sign-in button
2. School down on the following page and click publish (do not write anything on the empty field)



Set Editing Preferences

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Wikipedia Editing Tools

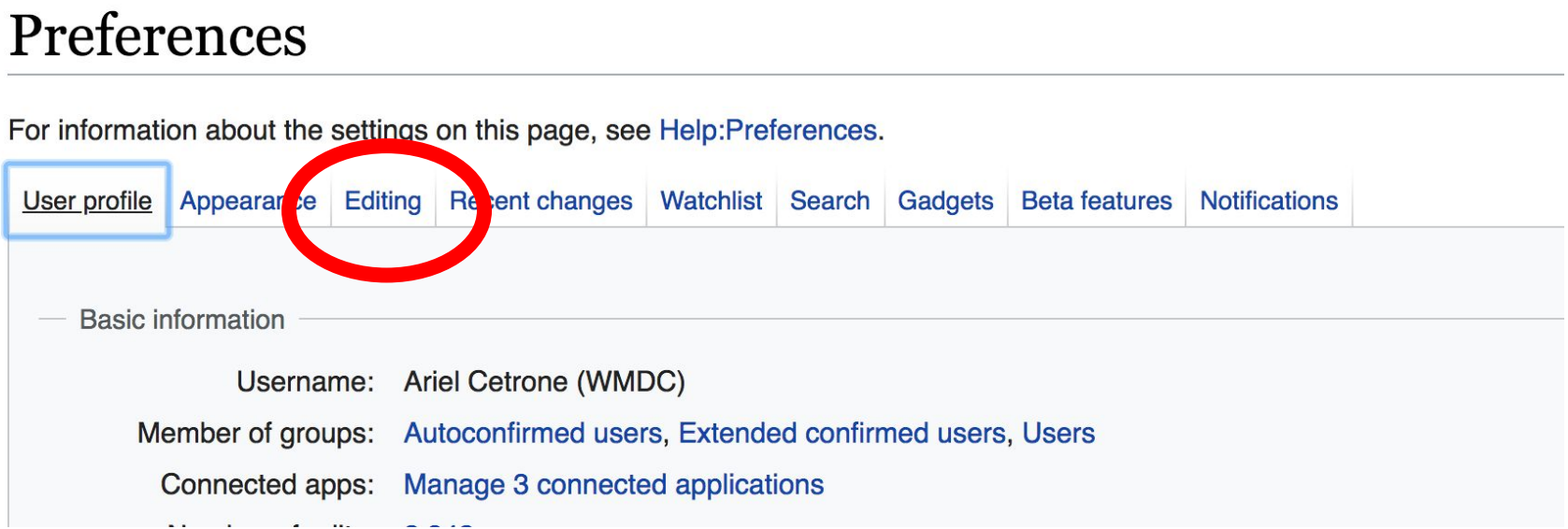
VisualEditor **'Edit' button**	Source Editor **'Edit source' button**
VisualEditor is a "visual" way of editing Wikipedia that does not require editors to learn wiki markup. Until Visual Editor, editors had to learn wiki markup to make most edits. VisualEditor works like a word processor. While is simpler to use, the Source Editor can be more effective for some tasks.	Source editor uses Wikitext, also known as Wiki markup or Wikicode, which consists of the syntax and keywords used by the MediaWiki software to format a page.

Set Editing Preferences: Activate Visual Editor

1. Open the Wiki event page or any Wikipedia article
2. Select ‘Preferences’ (Top right)

Set Editing Preferences: Activate Visual Editor

3. Select the 'Editing' tab

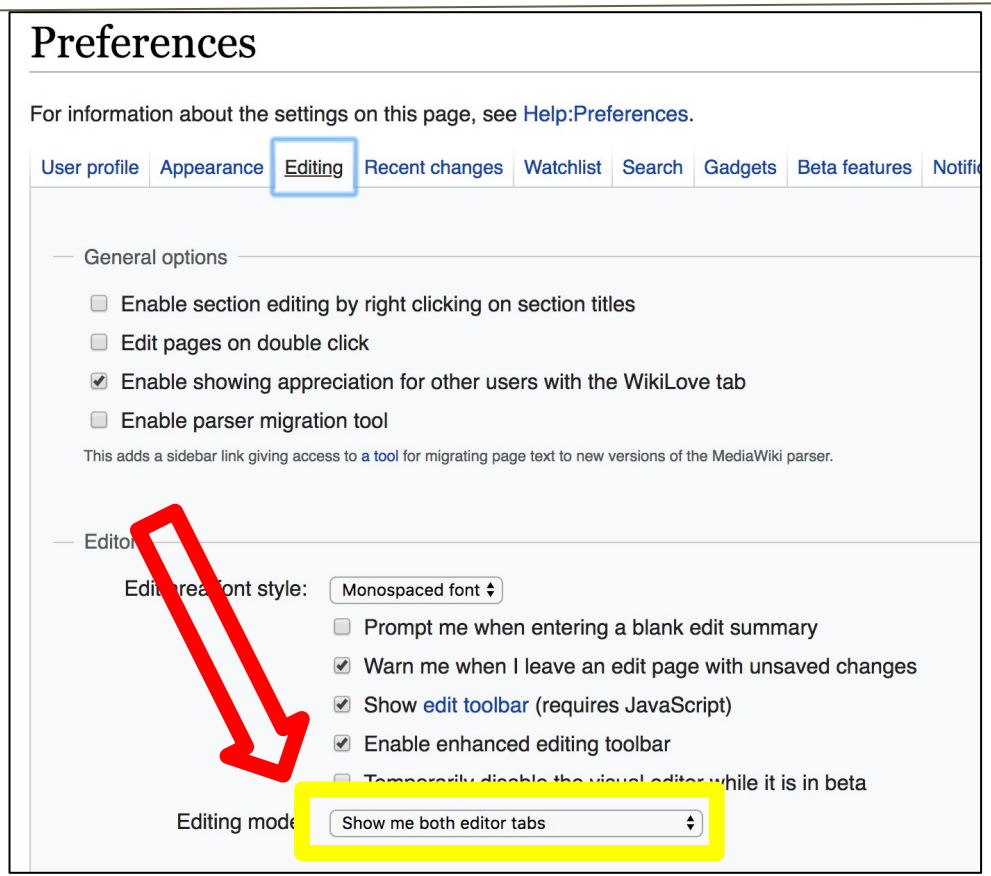


Set Editing Preferences: Activate Visual Editor

4. Scroll down to ‘Editor’

5. Select ‘Show me Both Editor Tabs’ from the ‘Editing Mode’ dropdown menu

6. Save (bottom left)



User Page

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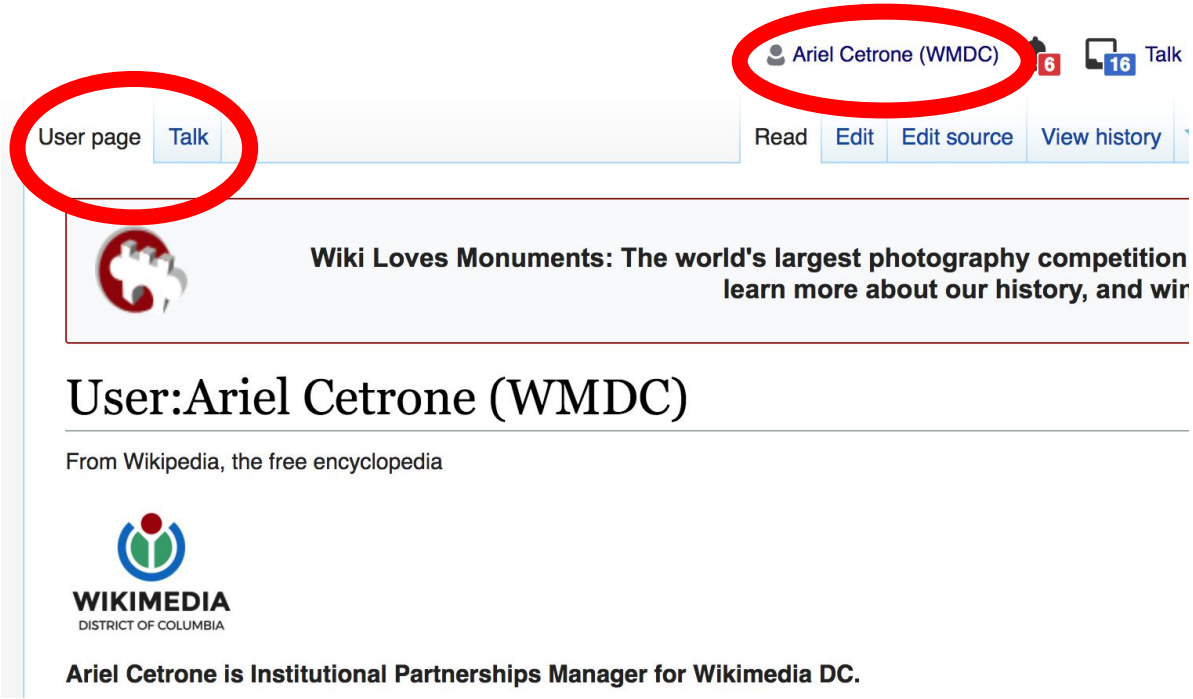
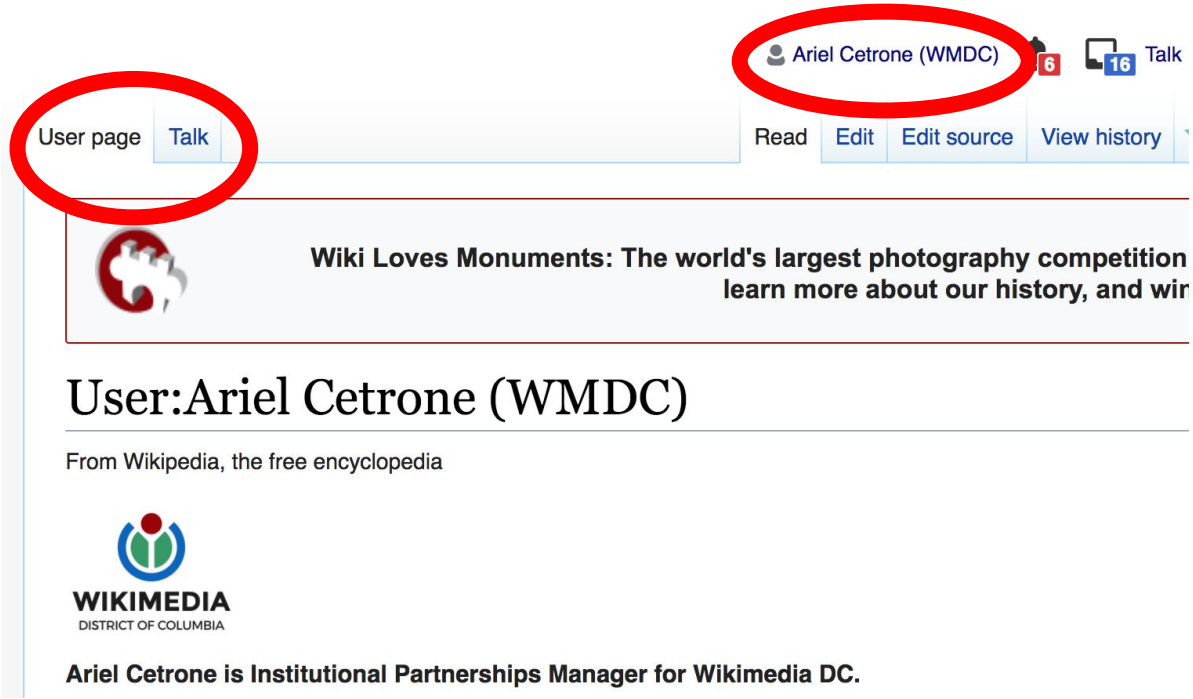
User Page

- All users/editors are assigned a user page
- Access user page by selecting your username (top right)



User Page

- Share information and interests
- Use is optional unless editing as part of official duties



User Page: Sample Conflict of Interest Statement

For those editing as past of their professional duties

About Me

I am a paid employee of XYZ organization. We are working to make our resources more accessible to the public by working directly with Wikipedia.

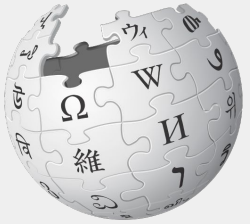
Conflict of interest statement

I am editing Wikipedia as part of my official duties at XYZ organization. I will abide by Wikipedia's accepted practices on conflicts of interest, neutrality, and notability. Because the mission of XYZ organization is in line with Wikipedia's mission to disseminate knowledge, I will not make edits that I do not believe are in accordance with Wikipedia's practices and procedures. If you believe I have made an error or violated Wikipedia’s norms, please let me know.

Talk Page

- Receive messages
- Communicate with other users

Tabs and Article Anatomy



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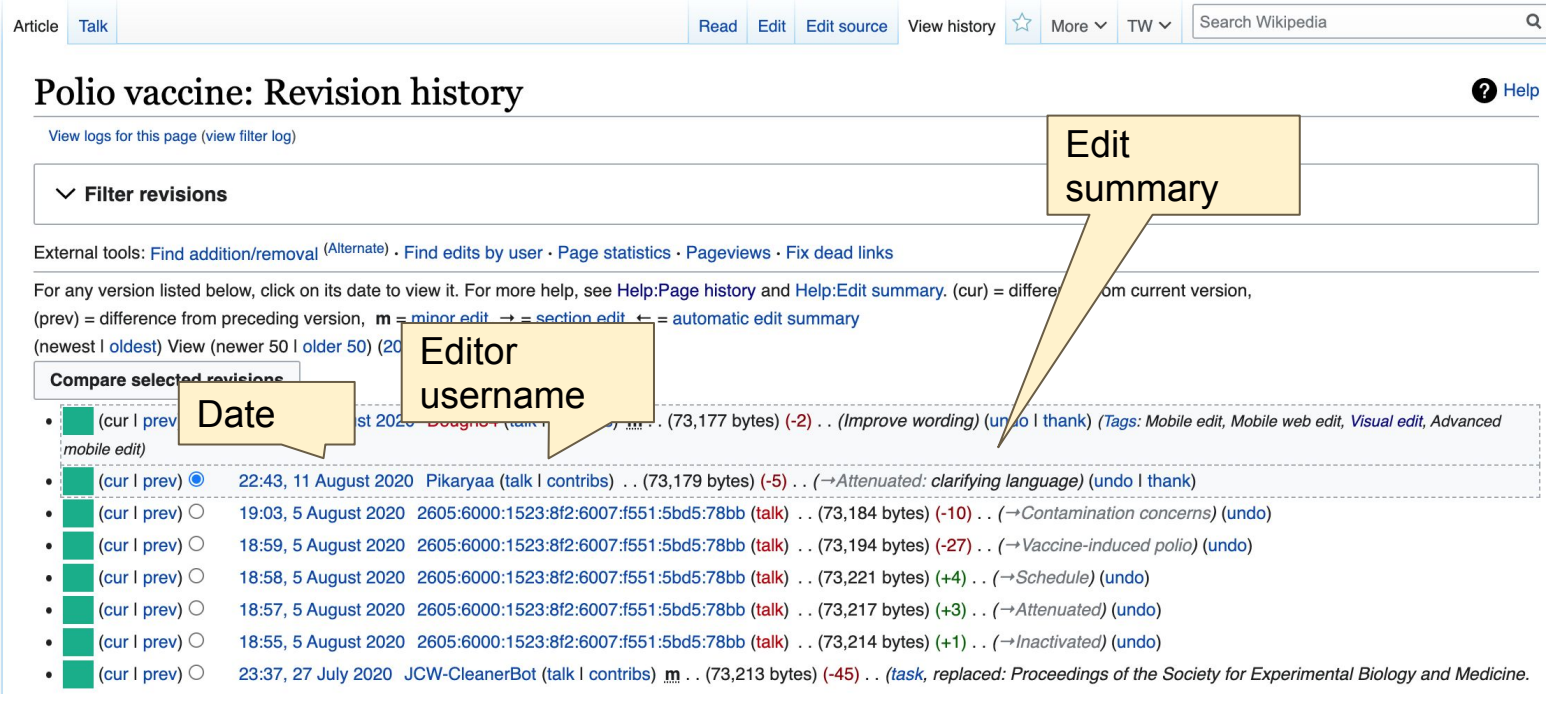
Exploring Tabs: Article History

View all edits ever made by selecting 'View History'

Exploring Tabs: Article History

View all edits ever made by selecting 'View History'



Exploring Tabs: Talk Page - Community Discussion

- Discuss the article with other editors
- Use is optional
- Can be used to add suggestions when one believes they have a conflict of interest

Article Sections: Lead Paragraphs and infoboxes

Article | Talk | Read | Edit | Edit source | View history | More | TW

Main photo or Infobox placement

Lead paragraphs

Polio vaccine [edit | edit source]

ORES predicted quality: FA (5.26)

A good article from Wikipedia, the free encyclopedia

Polio vaccines are vaccines used to prevent poliomyelitis (polio).[2] Two types are used: an inactivated poliovirus given by injection (IPV) and a weakened poliovirus given by mouth (OPV).[2] The World Health Organization (WHO) recommends all children be fully vaccinated against polio.[2] The two vaccines have eliminated polio from most of the world,[3][4] and reduced the number of cases reported each year from an estimated 350,000 in 1988 to 33 in 2018.[5][6]

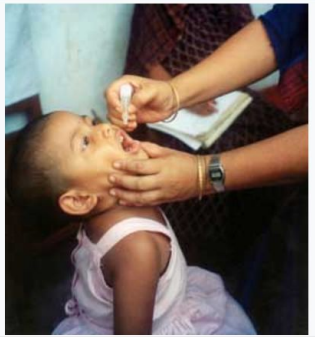
The inactivated polio vaccines are very safe.[2] Mild redness or pain may occur at the site of injection.[2] Oral polio vaccines cause about three cases of vaccine-associated paralytic poliomyelitis per million doses given.[2] This compares with 5,000 cases per million who are paralysed following a polio infection.[7] Both are generally safe to give during pregnancy and in those who have HIV/AIDS but are otherwise well.[2]

The first successful demonstration of a polio vaccine was by Hilary Koprowski in 1950, with a live attenuated virus which people drank.[8] The vaccine was not approved for use in the United States, but was used successfully elsewhere.[8] An inactivated polio vaccine, developed a few years later by Jonas Salk, came into use in 1955.[2][9] A different, oral polio vaccine was developed by Albert Sabin and came into commercial use in 1961.[2][10] It is on the World Health Organization's List of Essential Medicines.[11]

Contents [hide]

1 Medical uses

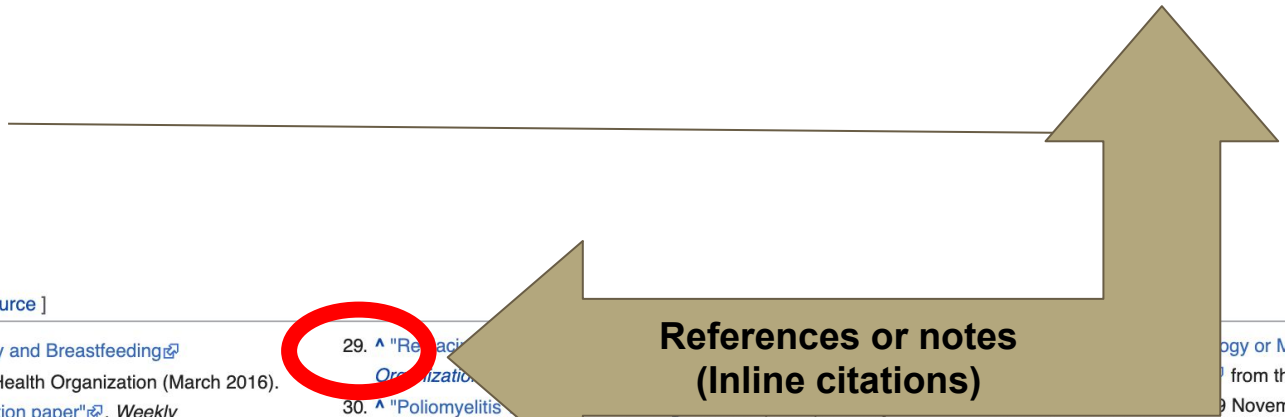
Polio vaccine



Vaccine description	
Target disease	Poliomyelitis

Article Sections: References

To combat this, the WHO in 2016, decided to switch from the trivalent polio vaccine to the bivalent polio vaccine.[29] This vaccine no longer contains the type 2 polio virus because it was eradicated in 1999.[30]



References [edit | edit source]

1. ^ a b Use During Pregnancy and Breastfeeding
2. ^ a b c d e f g h i j k l World Health Organization (March 2016). "Polio vaccines: WHO position paper". *Weekly Epidemiological Record*. **91** (12): 145–68. doi:10.[illegible] PMID 27039410 Lay summary

29. ^ "Re[illegible]
30. ^ "Poliomyelitis[illegible] 2019. Retrieved 18[illegible]er 2019.
31. ^ a b c d "Simian Virus 40 (SV40), Polio Vaccine, and

[illegible]ogy or Medicine 1954". The [illegible] from the original on 19 [illegible] November 2008.
61. ^ Hammon WM, Coriell LL, Wehrle PF, Stokes J (April 1953). "Evaluation of Red Cross gamma globulin as a prophylactic

Additional Sections

Further reading [edit | edit source]

- [illegible]). "Polio: the green book, chapter 26". *Immunisation against infectious disease*. London: Public Health England.
- Wallace G, Alexander J (2015). "Chapter 18: Poliomyelitis". In Hamborsky J, Kroger A, Wolfe S (eds.). *Epidemiology and Prevention of Vaccine-Preventable Diseases* (13th ed.). Washington D.C.: U.S. Centers for Disease Control and Prevention (CDC). ISBN 978-0990449119.
- Routh JA, Oberste MS, Patel M (2018). "Chapter 12: Poliomyelitis". In Roush SW, Baldy LM, Hall MH (eds.). *Manual for the surveillance of vaccine-preventable diseases*. Atlanta, Georgia: U.S. Centers for Disease Control and Prevention (CDC).

External links [edit | edit source]

- [illegible] Initiative final project to eliminate polio by 2018.
- History of Vaccines Website – History of Polio History of Vaccines, a project of the College of Physicians of Philadelphia
- PBS.org – 'People and Discoveries: Salk Produces Polio Vaccine 1952', Public Broadcasting Service (PBS)
- "Conquering Polio", *Smithsonian*, April 2005
- "The Global Effort To Eradicate Polio", Dream 2047 Magazine, April 2004
- "IPOL – Poliovirus Vaccine Inactivated (Monkey Kidney Cell)". *U.S. Food and Drug Administration (FDA)*. 11 December 2019. STN: 103930.
- Poliovirus Vaccines at the US National Library of Medicine Medical Subject Headings (MeSH)

Categories (+⁺): Poli[illegible] (–) (±) | 1952 in biology (–) (±) | 1955 introductions (–) (±) | American inventions (–) (±) | Inactivated vaccines (–) (±) | Live vaccines (–) (±) | Vaccines (–) (±)
[illegible] World Health Organization essential medicines (vaccines) (–) (±) | (+)

Editing Existing Articles

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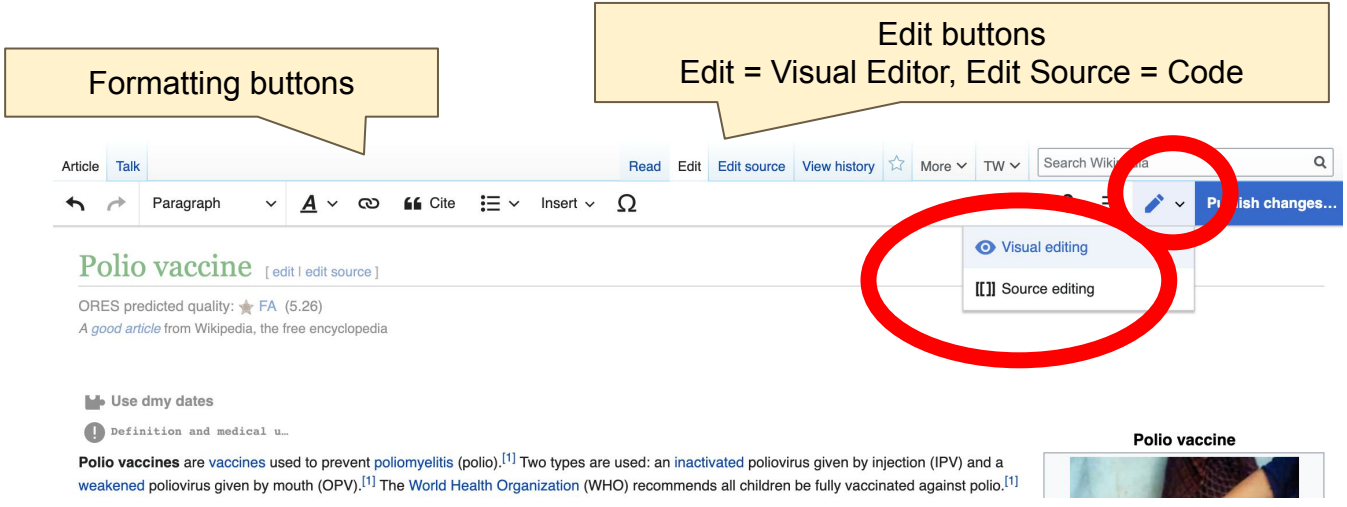
Editing with Visual Editor

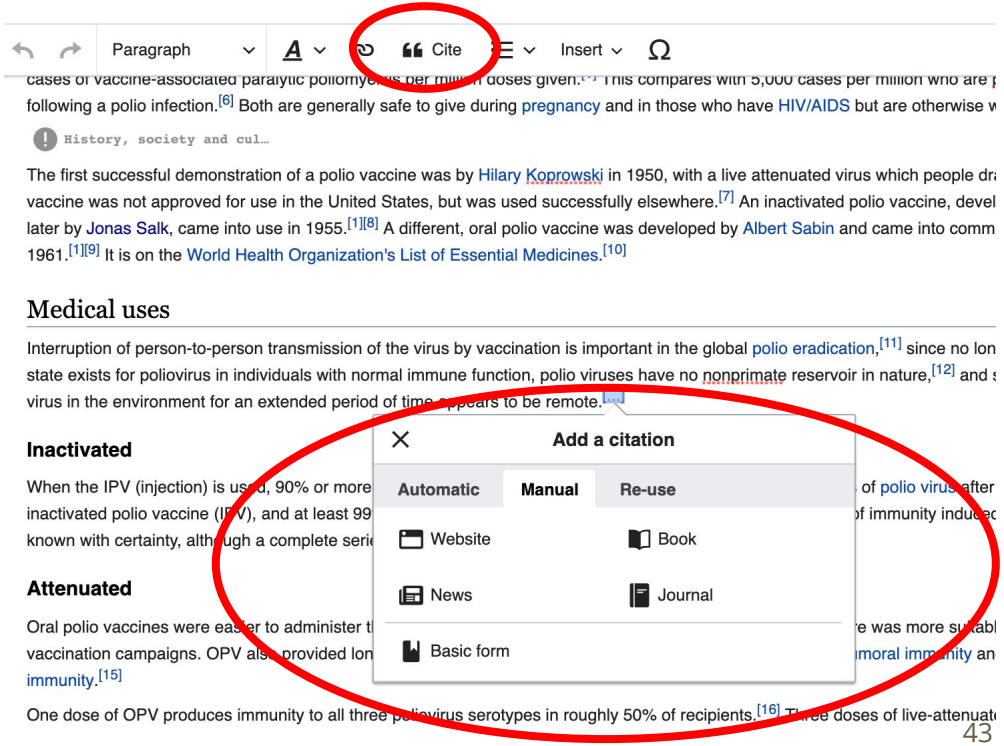
1. Open a Wikipedia article
2. Select 'Edit'
3. Add and remove text as you would in a word processor

Unsure if you are in Visual Editor? Are you not seeing the 'Edit' button? Select 'Edit Source', select the Pencil (red), select 'Visual editing'



Citing Your Sources

1. Place cursor in desired location
2. Select ‘Cite’
3. Select ‘Automatic’ (for URLs, etc.), ‘Manual’ (to customize fields), or ‘Reuse’ (to cite a source that has already been used)

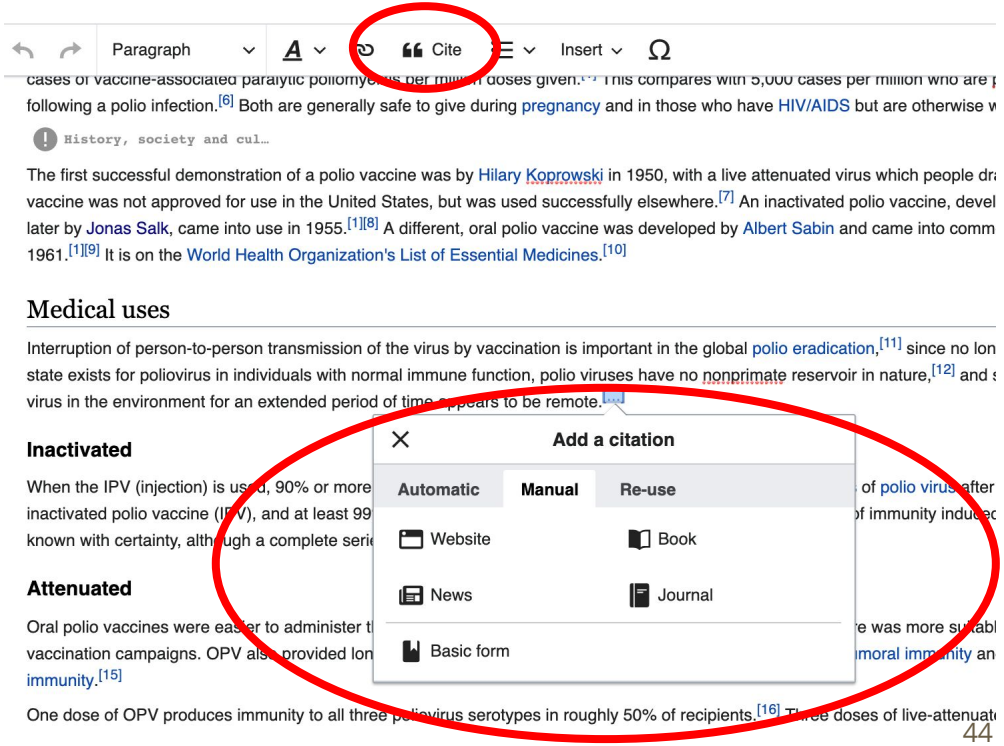


Citing Your Sources

4a. Populate fields (when selecting ‘Automatic’ and ‘Manual’)

4b. Select source that’s already listed (when selecting ‘Reuse’)

5. Select ‘Insert’



Adding Sections with Headings

Manufacture [edit | edit source]

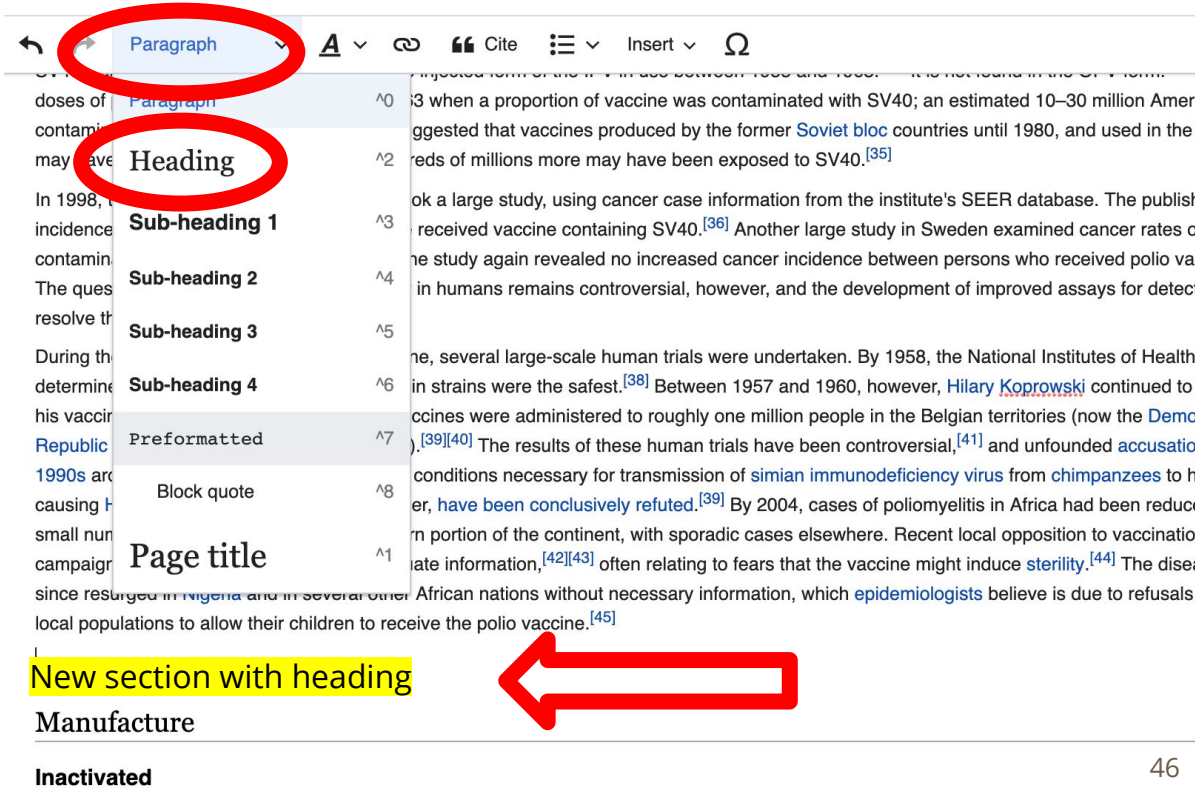
Inactivated [edit | edit source]

The Salk vaccine, IPV, is based on three wild, virulent reference strains, Mahoney (type 1 poliovirus), MEF-1 (type 2 poliovirus), and Saukett (type 3 poliovirus), grown in a type of monkey kidney tissue culture (Vero cell line), which are then inactivated with formalin.[47] The injected Salk vaccine confers IgG-mediated immunity in the bloodstream, which prevents polio infection from progressing to viremia and protects the motor neurons, thus eliminating the risk of bulbar polio and post-polio syndrome.

In the United States, vaccine is administered along with the tetanus, diphtheria, and acellular pertussis vaccines (DTaP) and a pediatric dose of hepatitis B vaccine.[16] In the UK, IPV is combined with tetanus, diphtheria, pertussis, and *Haemophilus influenzae* type b vaccines.[48]

Adding Sections with Headings

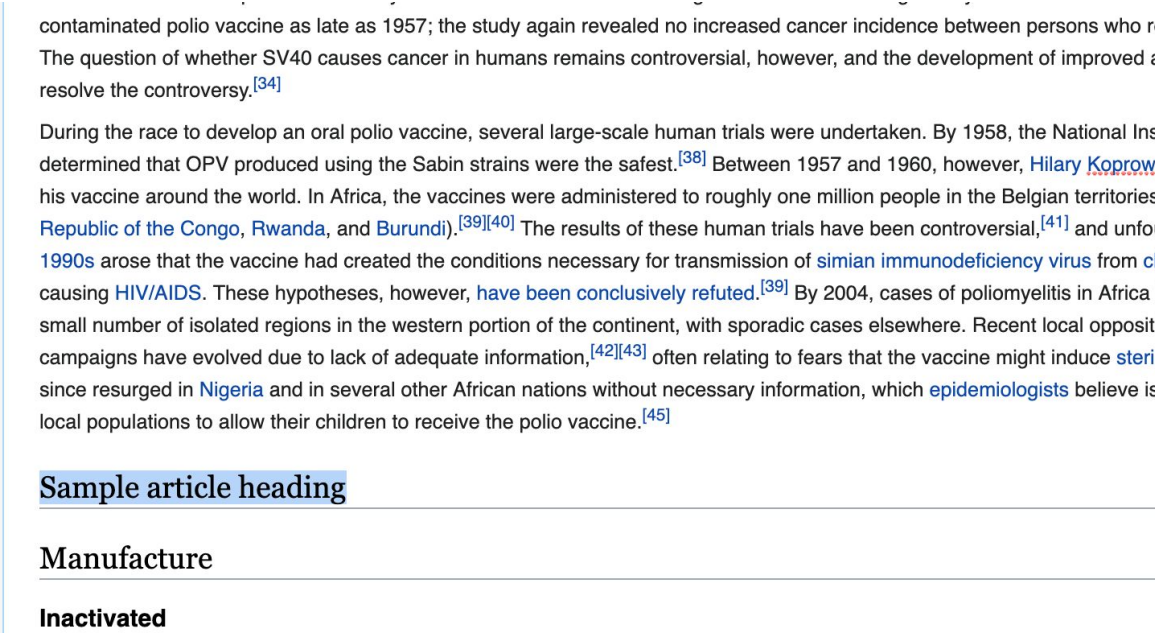
1. Place cursor
2. Select ‘Paragraph’
3. Select ‘Heading’



Adding Sections with Headings

4. Name heading

5. Hit return/enter to default back to ‘paragraph text and begin typing



contaminated polio vaccine as late as 1957; the study again revealed no increased cancer incidence between persons who r
The question of whether SV40 causes cancer in humans remains controversial, however, and the development of improved a
resolve the controversy.[34]

During the race to develop an oral polio vaccine, several large-scale human trials were undertaken. By 1958, the National Ins
determined that OPV produced using the Sabin strains were the safest.[38] Between 1957 and 1960, however, Hilary Koprow
his vaccine around the world. In Africa, the vaccines were administered to roughly one million people in the Belgian territories
Republic of the Congo, Rwanda, and Burundi).[39][40] The results of these human trials have been controversial,[41] and unfo
1990s arose that the vaccine had created the conditions necessary for transmission of simian immunodeficiency virus from c
causing HIV/AIDS. These hypotheses, however, have been conclusively refuted.[39] By 2004, cases of poliomyelitis in Africa
small number of isolated regions in the western portion of the continent, with sporadic cases elsewhere. Recent local opposit
campaigns have evolved due to lack of adequate information,[42][43] often relating to fears that the vaccine might induce steri
since resurged in Nigeria and in several other African nations without necessary information, which epidemiologists believe is
local populations to allow their children to receive the polio vaccine.[45]

Sample article heading

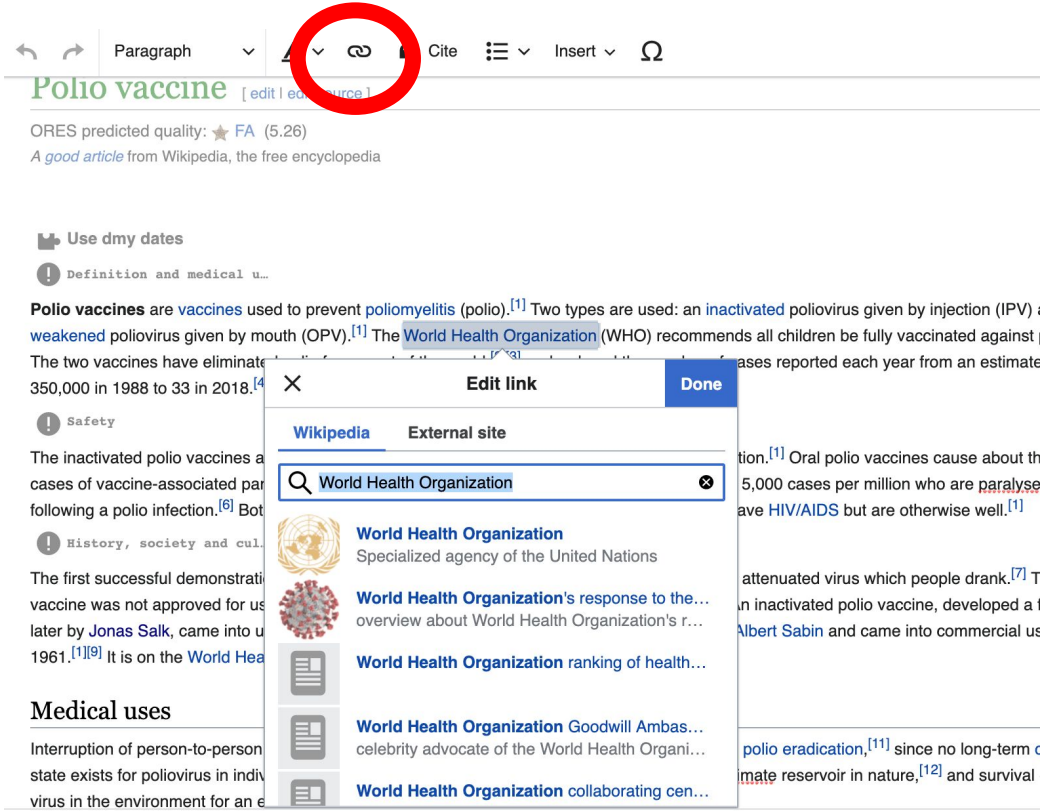
Manufacture

Inactivated

Creating Links Between Wikipedia Articles

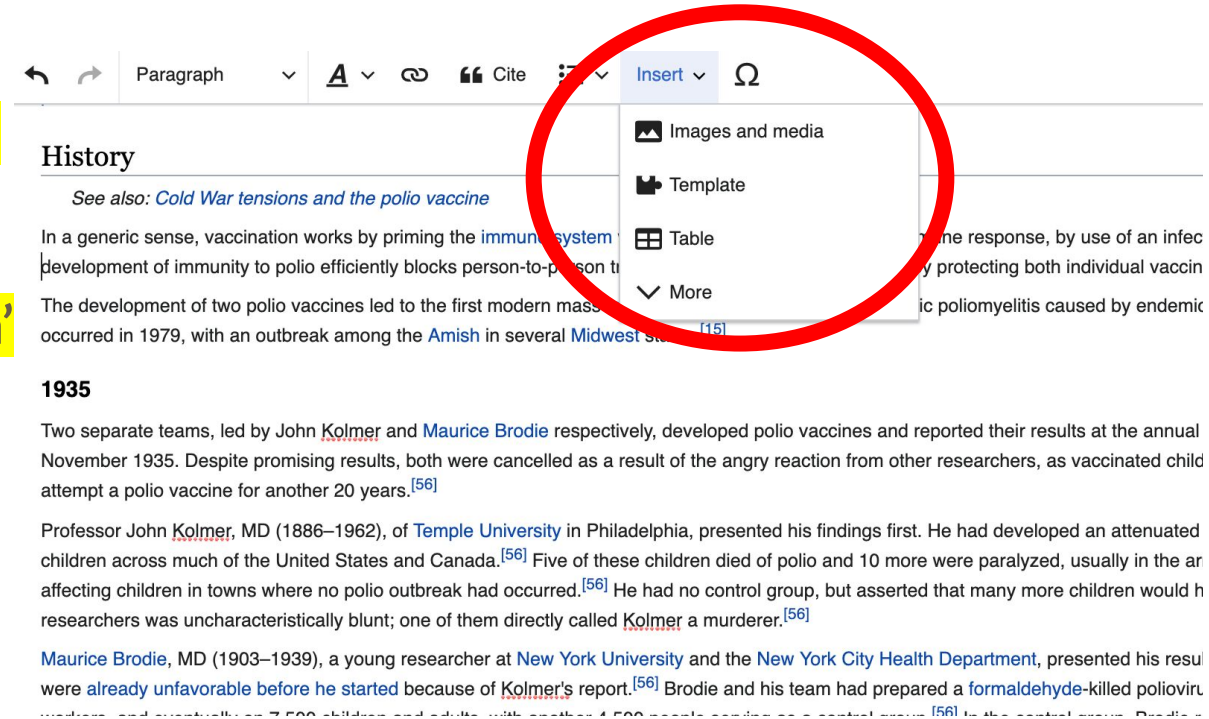
1. Select text
2. Select link icon
3. Select article and ‘Done’

*When adding an external link in an external links section, enter the title of what you are adding, highlight the text, select the link icon, paste a URL, and select ‘Done’.



Adding Photos with Wikimedia Commons

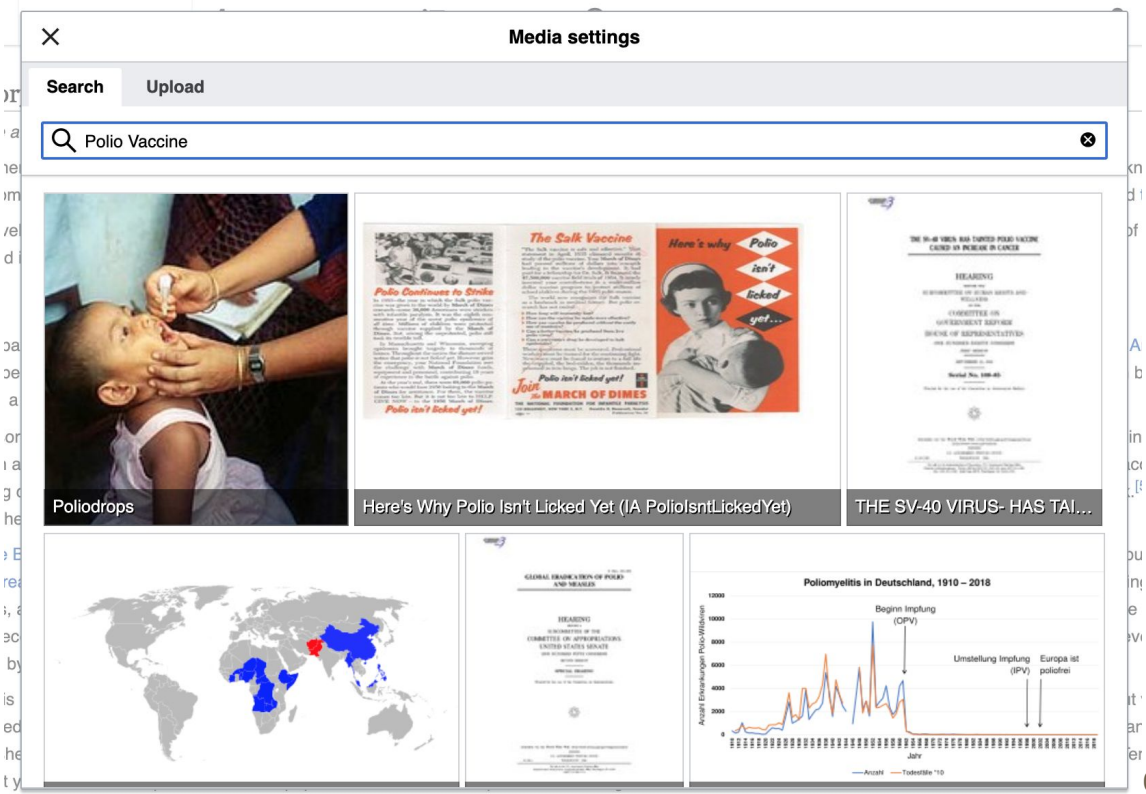
1. Place cursor in desired location (left or right)
2. Select: 'Insert' + Media'
3. Enter search term



Adding Photos with Wikimedia Commons

4. Enter search term

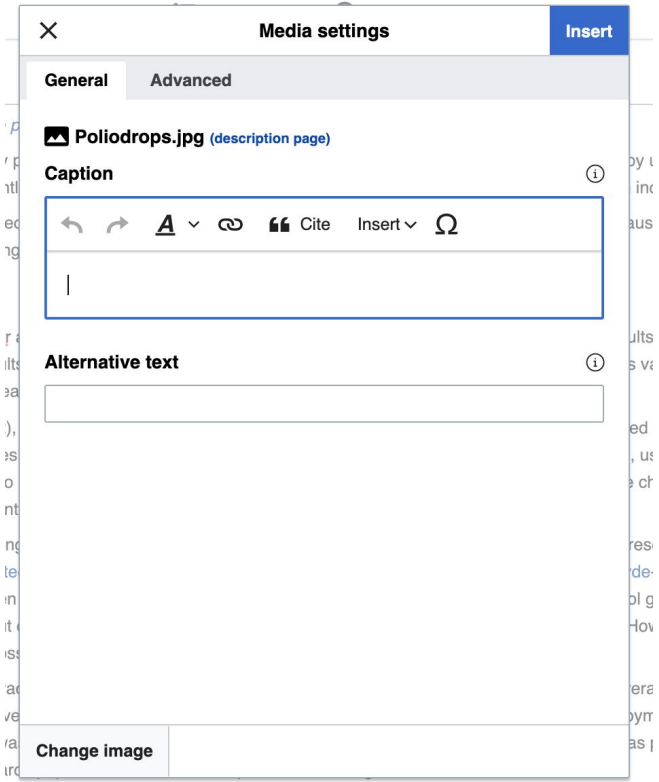
5. Select photo + ‘Use this image’



Adding Photos with Wikimedia Commons

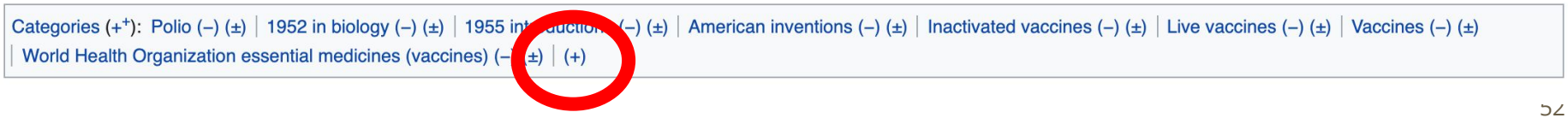
6. Caption your image and add alternative text

7. Select ‘Insert’

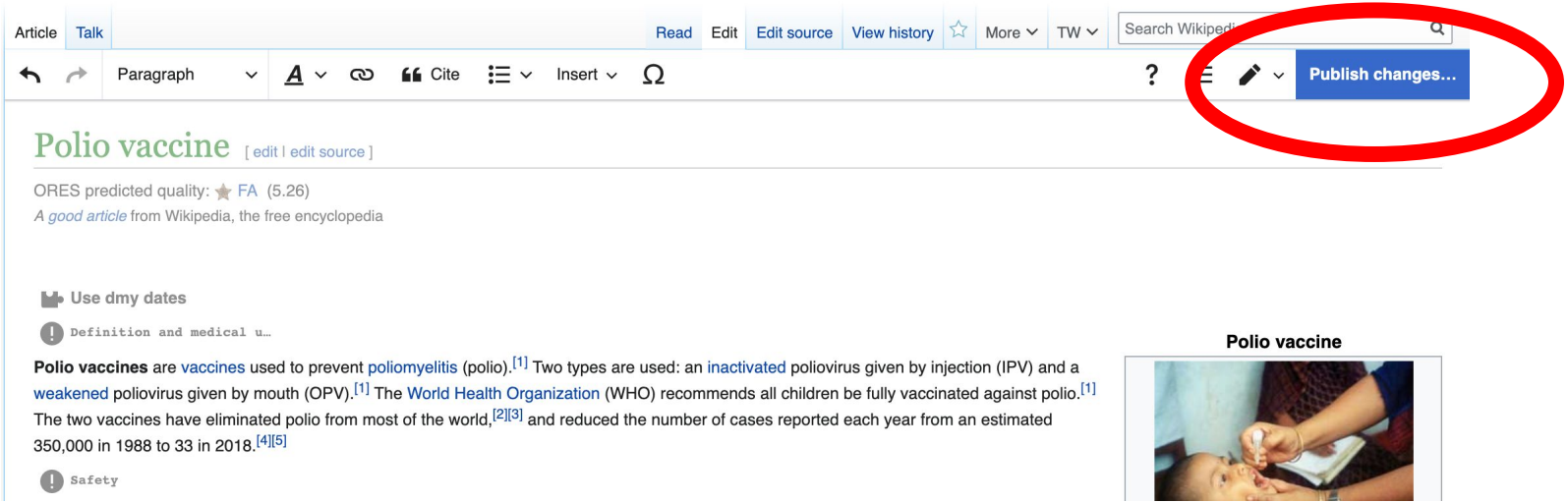


Adding Categories

1. Leave Editing mode
2. Select +
3. Type the category name into the field, i.e. ‘Vaccines’ . Only existing categories will appear in the list of options. You may create new categories.
4. Select ‘Apply Changes’



Don’t forget to ‘Publish’ often



To quickly abandon changes made to an article, select ‘Read’ (next to Edit/Edit Source) and your edits will not be saved.

Additional tips

- Search hyperlinked articles for relevant information
- ‘Copy and Paste’ is acceptable between WP articles as long as content is relevant and the original articles/editors are credited in the ‘Edit Summary’ box
- Also a good way to find new sources

Creating New Articles

Three Methods

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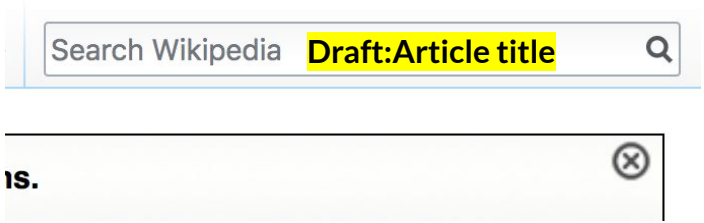
The Free Encyclopedia

Creating Articles: Drafts

1a. Start a 'Draft'

- Enter Draft:Article title into WP search bar
- Click the red link to start the article
- Start writing and publish as you go

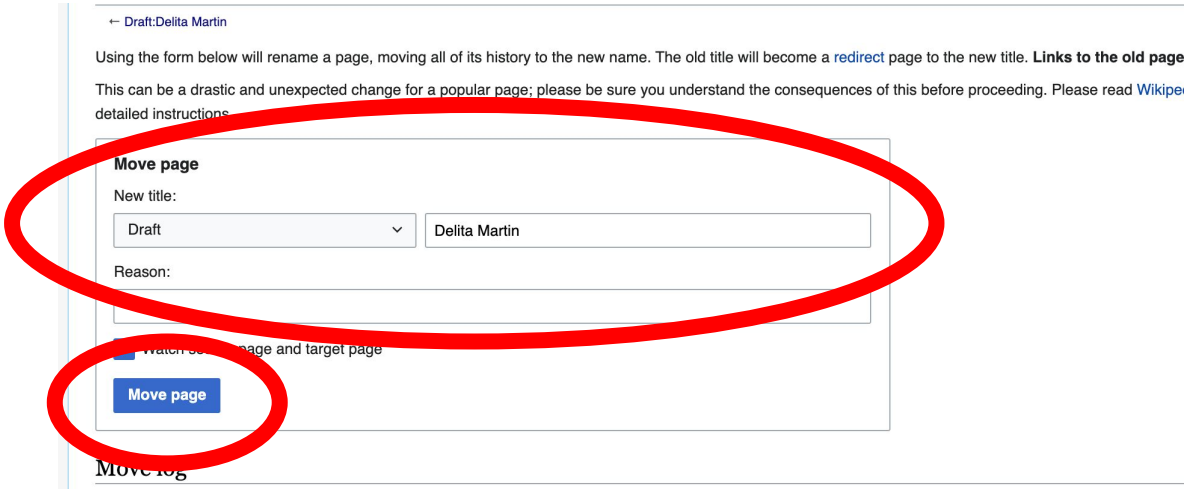


Creating Articles: Drafts

- When ready to move your draft to Wikipedia mainspace, go to the draft and select ‘More’ then ‘Move’

Creating Articles: Drafts

- Select ‘Article’ from the New Title dropdown menu and check that ‘Draft’ has been removed from the title
- Select ‘Move Page’

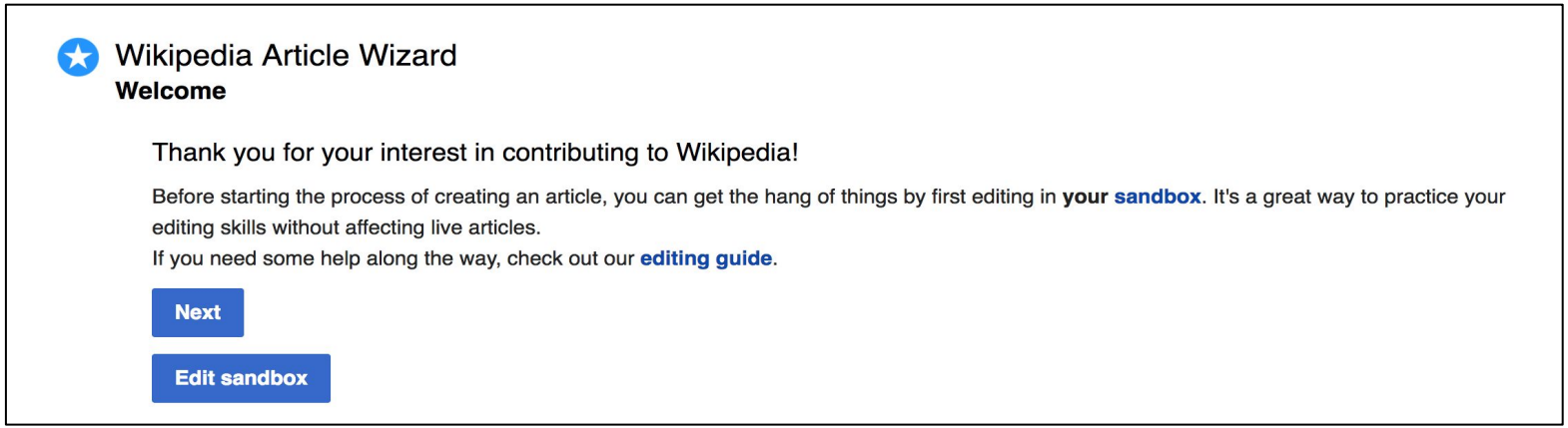


Or…

Creating Articles: Drafts

1b. Use the Article Wizard - (Search Wikipedia: Article Wizard)

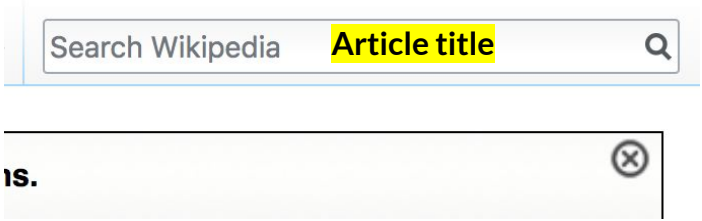
- Follow prompts
- Publish in draft form

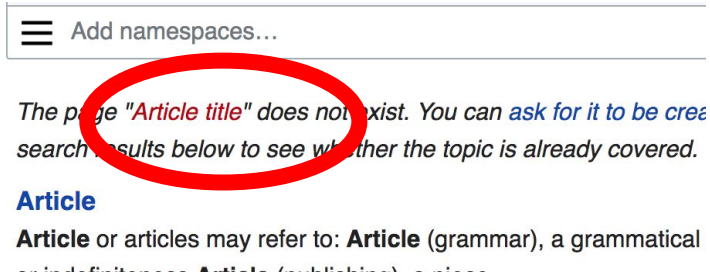


Creating Articles: Wikipedia Mainspace

2. Start a ‘Mainspace’ article

- Enter Article title into WP search bar
- Click the red link to start the article
- Create
- Publish





Creating Articles: Sandbox

3. Practice using your Sandbox

- Select Sandbox
- Select Edit or Edit Source
- Create article or section
- Copy/Paste Sandbox content into a draft of mainspace article

Uploading Photos or Files to Wikicommons

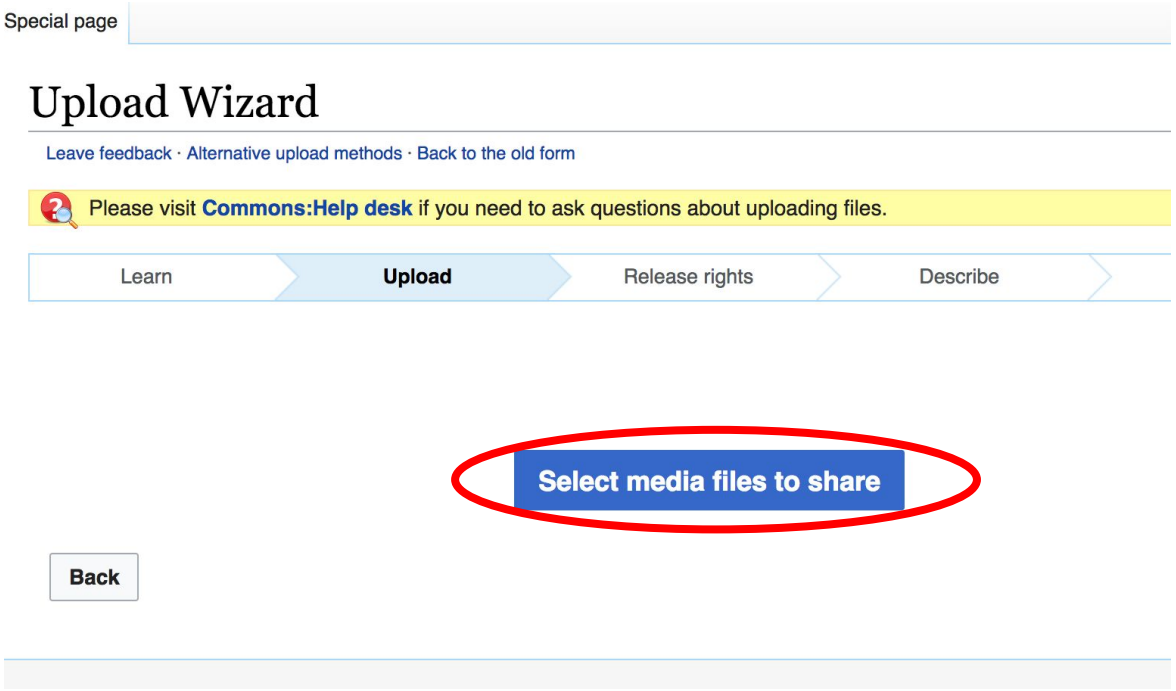
WIKIPEDIA
The Free Encyclopedia

Adding Images or Files

1. Go to commons.wikimedia.org
2. Select ‘Upload’

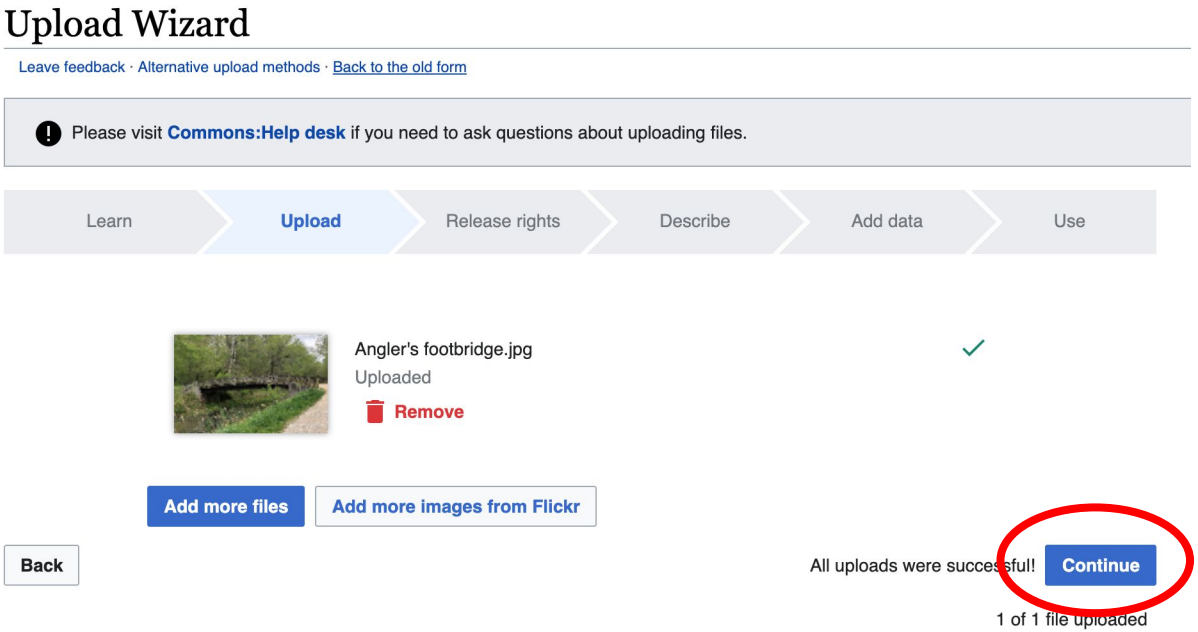
Adding Images or Files

3. Select media files to share



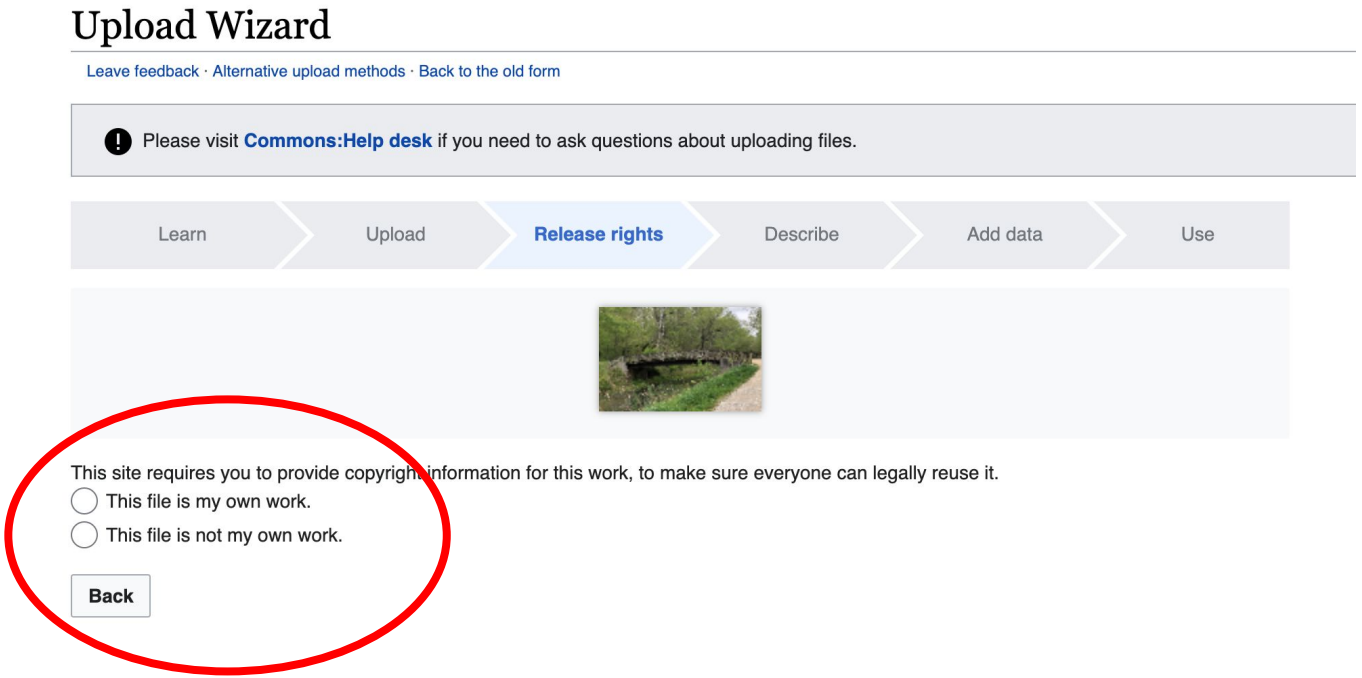
Adding Images or Files

4. Select ‘Continue’



Adding Images or Files

5. Select Address Copyright



Adding Images or Files

5a. Release the rights if it is your own work

Learn | Upload | **Release rights** | Describe | Add data | Use

This site requires you to provide copyright information for this work, to make sure everyone can legally reuse it.

(•) This file is my own work.

I, Ariel Cetrone (WMDC), the copyright holder of this work, irrevocably grant anyone the right to use this work under the Creative Commons Attribution ShareAlike 4.0 license (legal code).

(Anyone may use, share or remix this work, as long as they credit me and share any derivative work under this license.)

Use a different license

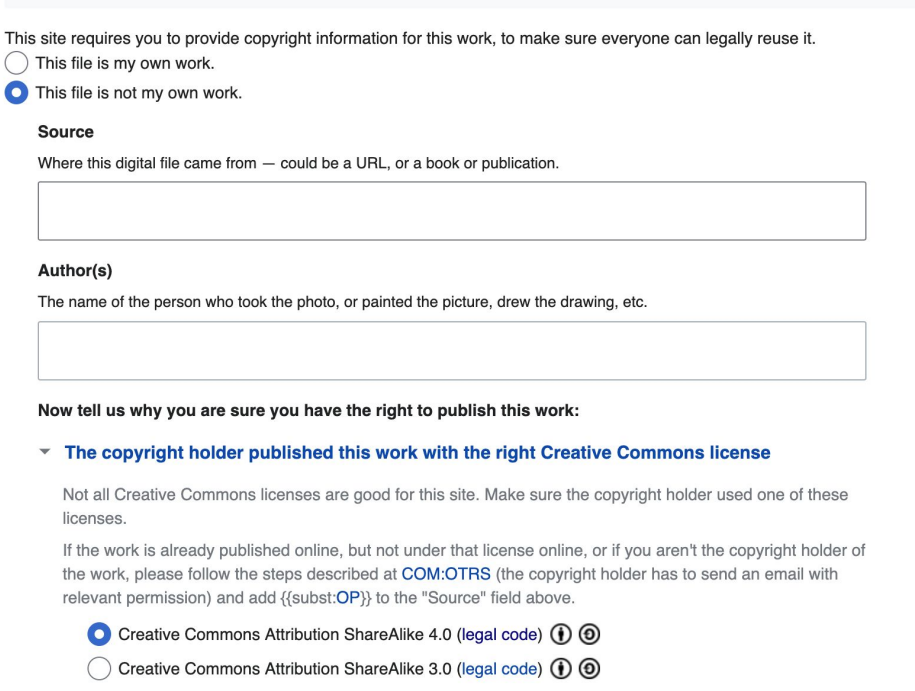
( ) This file is not my own work.

Back

Next

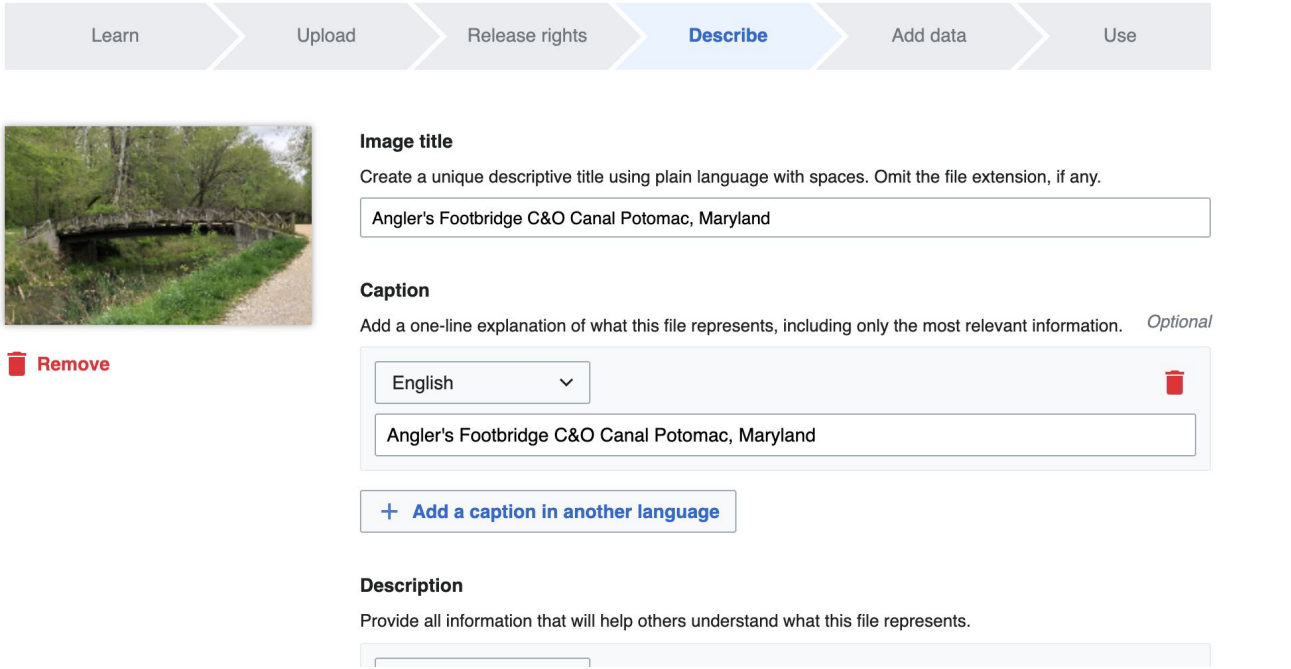
Adding Images or Files

5b. If not your own work, name the source and select the appropriate Creative Commons license or another reason why it is license-free or in the public domain (Pre-1925, published for the US government, etc.)



Adding Images or Files

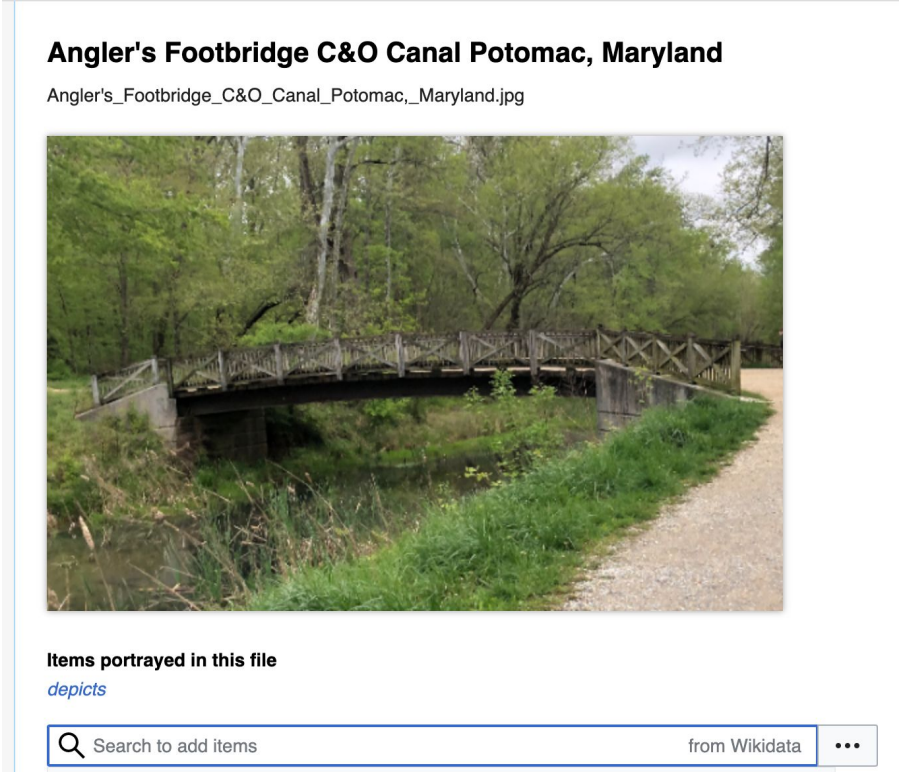
6. Describe the image



Adding Images or Files

7. Add metadata (optional),
i.e. Depicts Footbridge

8. Publish

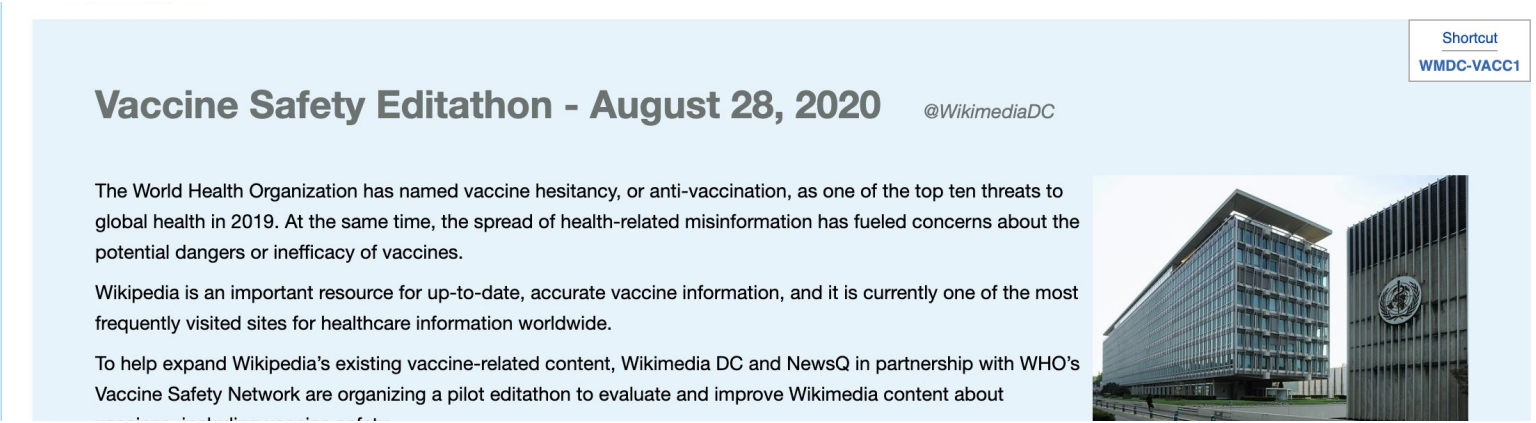


Event Page, Article Worklist, and Sources

WIKIPEDIA
The Free Encyclopedia

Event page

- Wikimedia page with links to Wikipedia policies, practices, and tools. Also includes a list Wikipedia articles for creation or improvement and secondary sources
- This page will remain live and accessible after the event.



Article Worklist Review

Articles needing creation [edit source]

Low expertise [edit source]

Please consider creating an article about one of the organizations listed here. Here is a sample article on GAVI that can be used for inspiration.

Medium expertise [edit source]

Please consider creating an article about the vaccination situation in one of the countries listed here.

High expertise [edit source]

Please choose one of the general topics listed here or one of the italicised topics listed here.

Suggested Worklist [edit source]

For expansion or other editing

- Emergency use authorization -- US specific; should we expand it with international coverage? or create a new article for that? I did not find one.
- *Vaxxed* -- combine footnotes to the same source
- Efficacy -- a longstanding banner warning requests expert attention
- Pragmatic clinical trial -- there are big and apparently sophisticated suggestions on the talk page
- Adjuvant research:
  - Adjuvant <== has two Mechanism sections
  - Immunologic adjuvant <== more narrowly our topic of interest
  - CDC on adjuvants <== this is good but doesn't say how adjuvants work ; wp's articles don't appear to cite it
  - look for sources from WHO
- Research exemption -- Good but should be written with international frame, moving national-specific stuff below the lede. This reference or something parallel should communicate that such exemptions exist EU-wide, in plain language. One source at least says the US does NOT have such an exemption but it was considered in legislation within the last two years.

For creation

Suggested Sources

Potential References [edit source]

1. ^ Denise A. Smith. 2020. Situating Wikipedia as a health information resource in various contexts: A scoping review. *PLoS ONE* 15(2): e0228786. https://doi.org/10.1371/journal.pone.0228786
2. ^ Giovanni Colavizza. COVID-19 research in Wikipedia. Bioarxiv working paper. https://www.biorxiv.org/content/10.1101/2020.05.10.087643v3

Additional sources and references [edit source]

- https://www.vox.com/2020/8/13/21359025/coronavirus-vaccine-covid-19-moderna-oxford-mrna-adenovirus

Attendees [edit source]

Let’s Edit!

Use the chat for immediate assistance

Fur future assistance or to inquire about help with your own editing event, contact:
Ariel Cetrone - Institutional Partnerships Manager
Wikipedia Username: @Ariel Cetrone (WMDC)
ariel.cetrone@wikimediadc.org