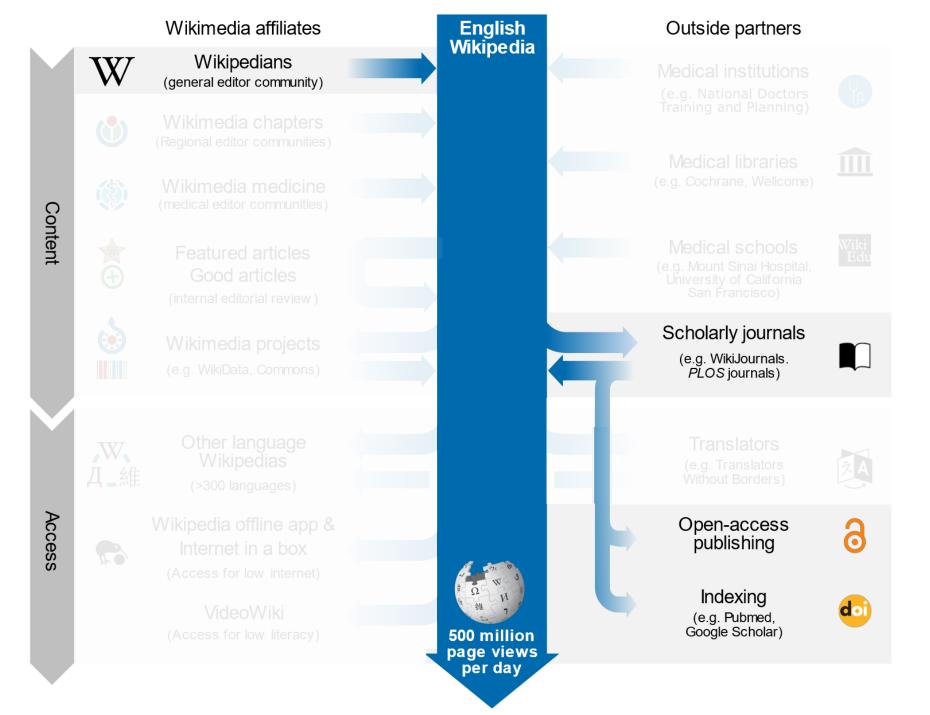
AN UPDATE ON THE WIKIJOURNAL USER GROUP

Current and future activities

BRIEF BACKGROUND

A LITTLE HISTORY



INTERACTIONS WITH THE KNOWLEDGE ECOSYSTEM

DEVELOPMENT OF CONCEPTS



2008 – RNA Biology starts requiring authors to update Wikipedia



2012 – PLOS Comp Biol starts publishing 'topic page' review format



GENE 2013 — Gene starts Gene Wiki Reviews



Open Medicine 2014 – Open Med puts Wikipedia page through peer review



2014 – WikiJMed publishes first issue



2018 – PLOS Genetics also starts publishing 'topic page' format



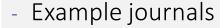
2018 – WikiJSci & WikiJHum publishes first issue

BRIDGING THE ACADEMIC DIVIDE

- Content published into both Wikipedia and academic corpus



Stable, citable, peer-reviewed journal version Living version with extreme impact of Wikipedia





PLOS Genetics

PLOS CompBiol

PLOS ONE

Wiki.J.Med



Wiki.J.Sci

Wiki.J.Hum



Open Medicine

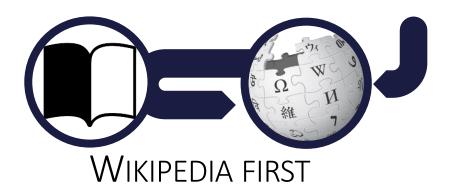
GENE

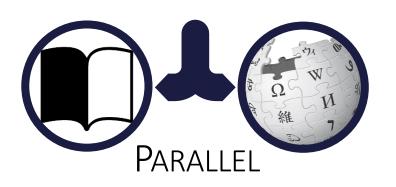
Gene



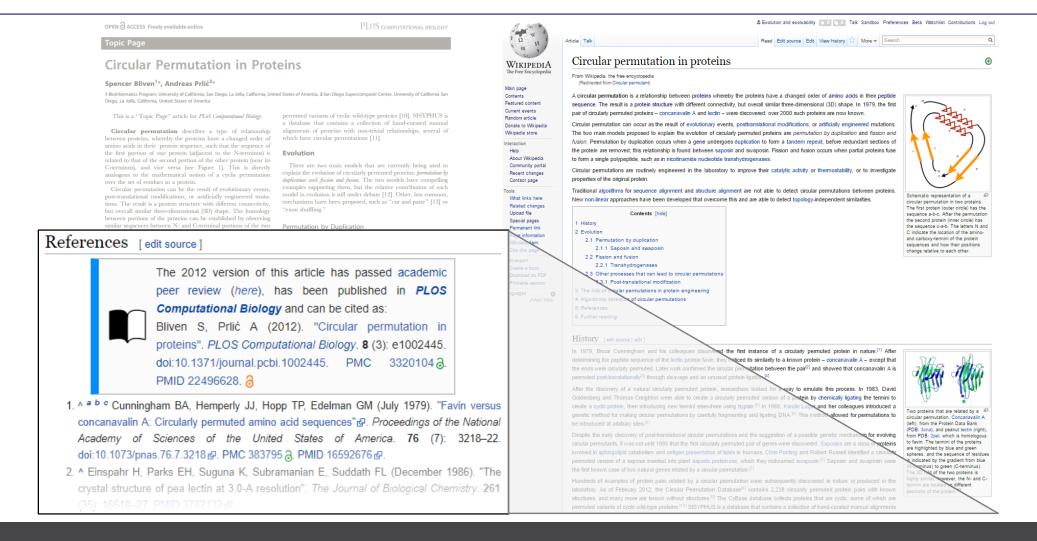
RNA Biology







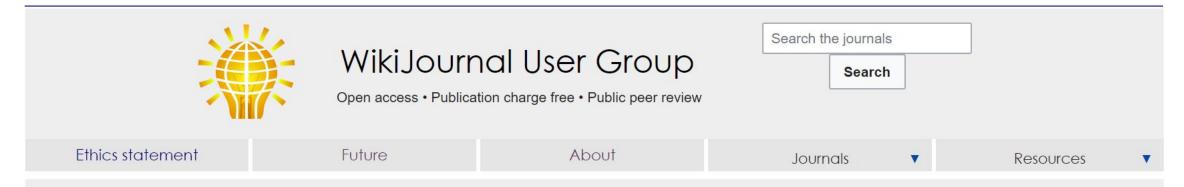
ACADEMIC AND WIKIPEDIC VERSIONS



CURRENT WIKIJOURNALS

WikiJMed | WikiJSci | WikiJHum

WikiJournals



The WikiJournal User Group publish a set of open-access, peer-reviewed academic journals with no publishing costs to authors. Its goal is to provide free, quality-assured knowledge. Secondly, it aims to bridge the Academia-Wikipedia gap by enabling expert contributions in the traditional academic publishing format to improve Wikipedia content.



FEATURES



Open Access

All published articles are openly accessible under a free Creative Commons license



Free to publish

WJM is a fully non-profit journal run by volunteer editors so has no publication charges of any kind



Public peer-review

All article peer reviews are published and publicly accessible



Wikipedia-integrated

Appropriate material is integrated into Wikipedia for added reach and exposure

FORMATS

Research

Original research

Generally including Intro, Method, Results, Discussion.

Case studies

A patient case in the medical journal, or a significant event, decision, project, or policy.

Review

Focused

on a specific detail of a topic.

Encyclopaedic

- Broad summaries covering an entire topic
- Encyclopaedic tone.

They can be rewrites, expansions or improvements of existing important Wikipedia articles.

Multimedia

These are short reviews centred around a key image or other multimedia.

Example case studies in WikiJournals

FULL REVIEW ARTICLES Existing high-quality Wikipedia FA article updated and submitted GA Peripatric speciation Rosetta stone Quality Wikipedia article previously existing but flawed/outdated Lysine Start Wikipedia article previously Stub completely absent/stub Absent Anthracyclines

ARTICLE SECTIONS

Wikipedia article section that warranted own page

Gene structure

Wikipedia article previously lacked images

Cell disassembly during apoptosis

PARTNER ARTICLES

More technical partner

Dioxins and dioxin-like compounds

STAND-ALONES

Case study

 Acute gastrointestinal bleeding from a chronic cause: a teaching case report

Teaching method

•A card game for Bell's theorem and its loopholes

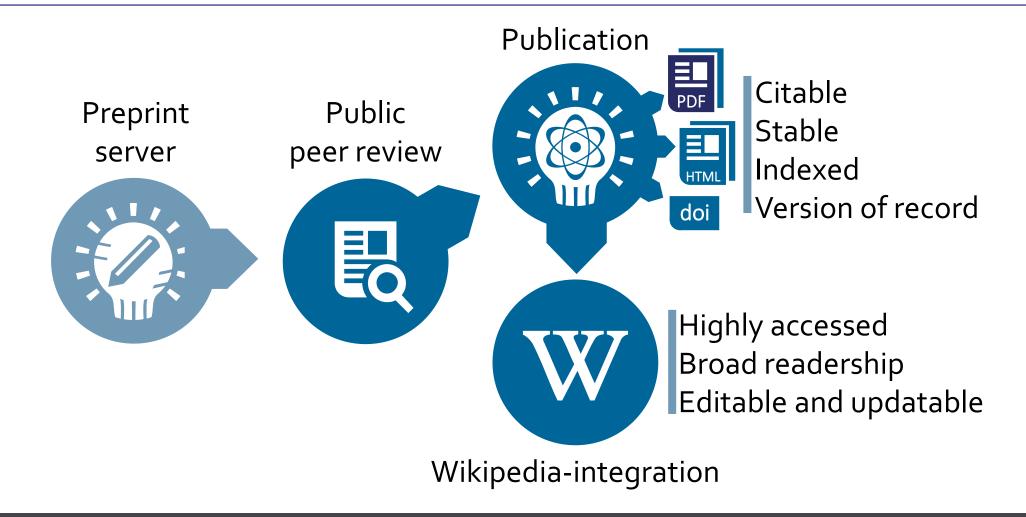
Systematic review

Mealtime difficulty in older people with dementia

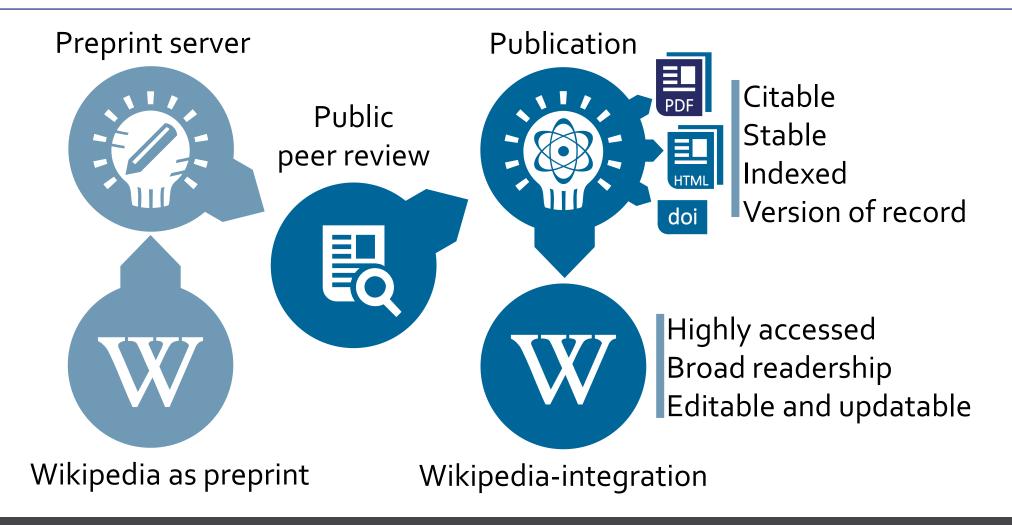
Image gallery

Medical gallery of Blausen Medical

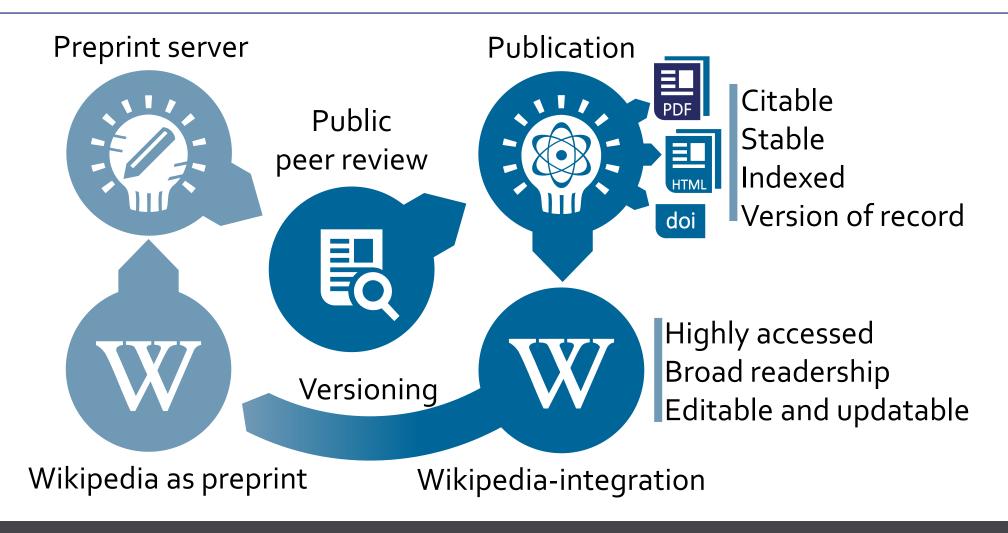
A WIKIJOURNAL'S PUBLISHING FLOW



A WIKIJOURNAL'S PUBLISHING FLOW



A WIKIJOURNAL'S PUBLISHING FLOW



IN REVIEW

▼ Articles currently submitted to WikiJournal of Medicine for peer review (7 pgs)

WikiJournal Preprints/Accessing health information online in Sweden: Swedish Wikipedia

WikiJournal Preprints/Comparison between the Lund-Browder chart and the BurnCase 3D® for consistency in estimating total body surface area burned

WikiJournal Preprints/Digital media use and mental health

WikiJournal Preprints/Epidemiology of the Hepatitis D Virus

WikiJournal Preprints/Parenting stress

WikiJournal Preprints/Rabeprazole

WikiJournal Preprint/Systematic review

▼ Articles currently submitted to WikiJournal of Science for peer review (9 pgs)

WikiJournal Preprints/Arabinogalactan-proteins

WikiJournal Preprints/Beak and feather disease virus

WikiJournal Preprints/C10orf71

WikiJournal Preprints/Can each number be specified by a finite text?

WikiJournal Preprints/E-extension in Nepal: brief overview in Nepalese agriculture

WikiJournal Preprints/Earth-grazing meteoroid of 13 October 1990

WikiJournal Preprints/Non-canonical base pairing

WikiJournal Preprints/RNA-Seq

WikiJournal Preprints/The TIM barrel fold

▼ Articles currently submitted to WikiJournal of Humanities for peer review (4 pgs)

WikiJournal Preprints/Abū al-Faraj 'Alī b. al-Ḥusayn al-Iṣfahānī, the Author of the Kitāb al-Aghānī

WikiJournal Preprints/Fascism and Italy

WikiJournal Preprints/Florence Fuller

WikiJournal Preprints/"It's all about people skills": Perspectives on the social license of the forest products industry from rural North America

GEOGRAPHY OF EDITORS



WHAT DOES THE FUTURE HOLD?

MAXIMISING POTENTIAL VALUE

APPLICATIONS AND PROJECTS

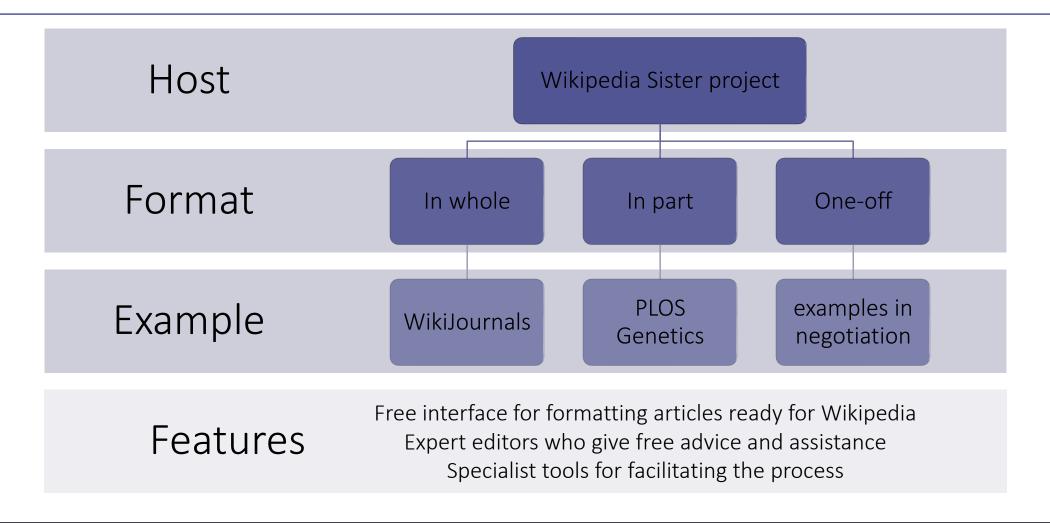
CURRENT

- Thematic organisation application for WikiJournal User Group
- **Sister Project** application for a Wikimedia Journals platform
- SCOPUS application WikiJMed

UPCOMING

- PubMed Central application WikiJMed
- **SCOPUS** application *WikiJSci*
- PubMed Central application WikiJSci
- Better Wikidata integration?
- Open Journal Systems integration?

Wikimedia Journal Hosting Platform



Wikimedia Journal Hosting Platform

Site identity and branding

journals.wikimedia.org / wikijournals.org / journals.wiki / j.wiki

Specialised sidebar items and logos

CC BY default license

Automation of repetitive tasks

Assigning DOIs

Copying accepted articles into latest volume & issue

Formatting PDFs

Specialised extensions

Annotating history to mark version as published

Automated email reminders to reviewers

Wikidata integration to track peer reviews submitted to

talkpages

Features

OPEN QUESTIONS

- Do we need an FAQ?
- What are the best ways to grow?
- What other publishing formats might be useful?
- Other methods of Wikimedia engagement?
- General ideas on 2020 priorities?
- Feedback on WMF strategy?
- http://w.wiki/HFK

[END]

Possible Journal Partnership System

- One-off partnering with subject-specialist journals

Specialist journal: Invite authors, identify peer reviewers
WikiJournal: Advises on wikipedia policy compliance, readability and formatting

- Resulting article co-published in specialist journal & WikiJournal
- Then copied into Wikipedia per 'journal-first' model

Co-publishing example:

Staniszewska, S., et al. (2017). GRIPP2 reporting checklists: tools to improve reporting of patient and public involvement in research. *Research involvement and engagement*, 3(1), 13.

Staniszewska, S., et al. (2017). GRIPP2 reporting checklists: tools to improve reporting of patient and public involvement in research. *British Medical Journal 358*(1), j3453

COMMITTEE ON PUBLICATION ETHICS

- WikiJMed ethics statement audited and approved by COPE
- WikiJMed.org/Ethics statement
- Attribution of CC material

Images / videos / other media: Attribution and license type at end of the figure legend

Text <1 paragraph / <10% of final work: Hyperlink to contributor list 'Acknowledgements' section

Text >1 paragraph / >10% of final work: Hyperlink to the full contributor list included in the author list (typically as a hyperlinked "et al"). Treated as "Large group authorship".

- Ownership

Journal article released by authors under creative commons license of their choice

Material integrated into Wikipedia may be edited by anyone (inc. authors) and will evolve over time

- What constitutes a preprint

Wikipedia can be treated as a preprint server where the submitting author has been a significant contributor

- Dual publication into Wikipedia

Material that complies with Wikipedia's guidelines (e.g reviews / images) can be directly integrated via CC license Materia that does not (e.g. original research / opinion / speculation) can be cited as a source in a Wikipedia article

CONTRIBUTIONS

- Submit an article. Credentials are not necessary.
- **Peer reviewing** of article submissions. Does require expertise in the subject at hand.
- Help preparing & formatting submitted articles
- Join an editorial board and share your ideas about journal management
- Will hire a technical editor.

SIMILARITIES AND DIFFERENCES

	Academic Journal	Wikipedia
Readership size	Small and brief Median article - 800 total Top 5% article - 3000 total	Very large and extended Median article - 10,000 per year Top 5% article - 1,000,000 per year
Readership composition	Other academics, often within narrow field	General public as well as experts and professionals
Peer review	Pre-publication, private review by 2-4 subject specialists	Post-publication public review of a sort by subject generalists 'Good article' - 1 reviewer 'Featured Article' - 5-12 reviewers
Reputation	Varies by journal but generally extremely high	Public generally trust Academics have mixed opinions but improving
Authorship	Small number with relevant, accredited expertise. Organised group with lead and corresponding authors.	Large number with mixed expertise levels. Loose organisation. Many pseudonymous or anonymous.
Timeliness	Static Updated by new publications	Constantly updated Only one consensus version

Shafee, T. et al. (2017). Evolution of Wikipedia's medical content: past, present and future. JECH. 71(10)

