

Wikiversity Journal of Medicine

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Wikiversity Journal of Medicine

- An *open access*, public peer reviewed journal with no publication cost for authors
- Started in 2014
- Currently located in Wikiversity
- Attracts referenced texts and images by means of scientific publishing, which can then be used across Wikimedia projects
- Also accepts articles that are notable in their own right





Wikipedia

- Is a free Internet encyclopedia that anyone can edit
- Is the largest and most popular general reference work on the Internet
- Is ranked among the ten most popular websites.
- Wikipedia's level of accuracy approaches that of Encyclopedia Britannica

Giles J, (December 2005). "Internet encyclopedias go head to head". *Nature* 438 (7070): 900–901. Bibcode:2005Natur.438..900G. doi:10.1038/438900a. PMID 16355180. (subscription required)

- 50% - 70% of physicians use Wikipedia as a source for health care information

Heilman JM, West AG. (2015) "Wikipedia and Medicine: Quantifying Readership, Editors, and the Significance of Natural Language." *J Med Internet Res*;17(3):e62. PMID: 25739399

- Consists of more than 38 million articles in more than 250 different languages
- As of February 2014, it had 18 billion page views and nearly 500 million unique visitors each month





Wikiversity Journal of Medicine

Why is it useful?



..because Wikipedia has limitations

Criticism of Wikipedia includes claims that it exhibits systemic bias, presents a mixture of “truths, half truths, and some falsehoods”

- “No guarantee of validity” of its content due to open structure
- Ensuring Wikipedia's standards of “notability”
- Lack of accountability resulting from users' anonymity
- Changes are reviewed, but not systematically
- Possibility of vandalism and insertion of false information still remains



..because Wikipedia has limitations

- Biggest issue is lack of information

Clauson, K. A; Polen, H. H; Boulos, M. N K.; Dzenowagis, J. H (18 November 2008). "Scope, Completeness, and Accuracy of Drug Information in Wikipedia". *Annals of Pharmacotherapy* 42 (12): 1814–1821. doi:10.1345/aph.1L474. PMID 19017825.

- Cannot incorporate original research
- Researchers want credit for their work
 - More than a mention in the “history” tab.
- Particularly a shortage of images
 - Can not simply use any image on the internet due to copyright



A decorative graphic on the left side of the slide, consisting of several overlapping, flowing blue lines that curve upwards and then downwards, creating a sense of movement and depth. The lines are semi-transparent, allowing the grid background to be seen through them.

Wikiversity Journal of Medicine

How does a WikiJournal
work?



Features of an Academic Journal

- Reliability
 - "consistency" or "repeatability"
- Quality check and quality control
 - Elimination of bias
- Articles are reviewed by a board of experts or "peer reviewed"



Features of an Academic Journal

- Follow a format:
 - Abstract
 - Literature review
 - Methodology
 - Results
 - Conclusion
 - Cites sources and/or bibliography
- May include tables, graphs or illustrations to support research
- Authors are identified and have contact information



..Academic Journals also have their issues

- Maintenance costs, Journal subscription, Advertising
- Open access
- An article processing charge (APC), also known as a publication fee, is often charged to authors to publish in an academic journal
 - Particularly common in open access journals
- Copyright of images



Wikiversity Journal of Medicine

- *An open access journal*
- Peer reviewed
- No publication cost for authors
- Attracts referenced texts and images by means of scientific publishing, which can then be used across Wikimedia projects
- No advertising
- Ensures Wikipedia's standards of “notability”



Wikiversity Journal of Medicine

Abides by several international journal guidelines:

- ICMJE Recommendations for the Conduct, Reporting, Editing, and Publication
- COPE code of conduct for journal editors
- Budapest Open Access Initiative recommendations

www.icmje.org/icmje-recommendations.pdf



Wikiversity Journal of Medicine

- Registered by the National Library of Sweden and assigned an International Standard Serial Number (ISSN)
- Member of CrossRef, which assigns Digital Object Identifier (DOI) codes to published articles, serving as permanent links from external sites
- In the process of listing into Directory of Open Access Journals (DOAJ)



Wikiversity Journal of Medicine

- Has the Wiki Advantage
 - Authors can write their works directly online
 - Easy to collaborate and coordinate
Saves lots of editorial work
 - Editing is restricted when published



The Process

1

- Submission of work

2

- Peer review

3

- Editorial board

4

- Publication



Example: A review article, based on reliable sources:



Insights into abdominal pregnancy

Gwinyai Masukume

Editor's note

This article provided a great deal of valuable evidence that was not mentioned in the Wikipedia article on abdominal pregnancy, and the Wikipedia article has subsequently been expanded with text from this publication. However, because of this purpose, it has never been the aim of this article in itself to be a complete review of the subject, and many aspects of abdominal pregnancy are not included herein.

This article also provides an example of how to contribute to Wikimedia projects such as Wikipedia by means of academic publishing.

Introduction

While rare, abdominal pregnancies have a higher chance of maternal mortality, perinatal mortality and morbidity compared to normal and ectopic pregnancies, but on occasion a healthy viable infant can be delivered.^[1]

Because tubal, ovarian and broad ligament pregnancies are as difficult to diagnose and treat as abdominal pregnancies, their exclusion from the most common definition of abdominal pregnancy has been debated.^[2]

Others - in the minority - are of the view that abdominal pregnancy should be defined by a placenta implanted into the peritoneum.^[3]

Symptoms and signs

Abdominal pregnancy does not have any specific symptoms and signs so much so that in about half of instances it is missed, only being discovered during surgery; because of the "vague" yet serious nature of the symptoms, signs and results of medical tests patients with abdominal pregnancy will generally have surgery at some point.^{[4][5][6]}

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Risk factors

Risk factors are similar to tubal pregnancy with sexually transmitted disease playing a major role.^[7] However, about half of those with ectopic pregnancy have no known risk factors - known risk factors include damage to the Fallopian tubes from previous surgery or from previous ectopic pregnancy and tobacco smoking.^[8]

Mechanism

Typically an abdominal pregnancy is a secondary implantation which means that it originated from a tubal (less common an ovarian) pregnancy and re-implanted.^[9] Other mechanisms for secondary abdominal pregnancy include uterine rupture, rupture of a uterine rudimentary horn and fimbrial abortion.^[11]

Diagnosis

Suspicion of an abdominal pregnancy is raised when the baby's parts can be easily felt, or the lie is abnormal, the cervix is displaced, or there is failed induction of labor.^[14] X-rays can be used to aid diagnosis.^[9]

To diagnose the rare primary abdominal pregnancy, Studdiford's 1942 criteria need to be fulfilled: tubes and ovaries should be normal, there is no abnormal connection (fistula) between the uterus and the abdominal cavity, and the pregnancy is related solely to the peritoneal surface without signs that there was a tubal pregnancy first.^[10] Studdiford's criteria were refined in 1968

The text is used to expand Wikipedia articles: Before After

Suspicion of an abdominal pregnancy is raised when the baby's parts can be easily felt, or the [[Lie (obstetrics)|lie]] is abnormal. [[Obstetrical ultrasonography|Sonography]] is extremely helpful in the diagnosis as it can demonstrate that the pregnancy is outside an empty uterus, there is no [[amniotic fluid]] between the placenta and the fetus, no uterine wall surrounding the fetus, fetal parts are close to the abdominal wall, and the fetus is in abnormal lie. <ref name=hk/> [[MRI]] has also been used with success to diagnose abdominal pregnancy. <ref name=dahiya/> Elevated [[alpha-fetoprotein]] levels are another clue of the presence of an abdominal pregnancy. <ref>{{cite journal | author=Tromans PM, Coulson R, Lobb MO, Abdulla U |title= Abdominal pregnancy associated with extremely elevated serum alphafetoprotein: case report |journal= British Journal of Obstetrics and Gynaecology |pmid=6200135 | year=1984 | volume=91 | issue=3 | pages=296–8 | doi=10.1111/j.1471-0528.1984.tb04773.x}}</ref>

+

Suspicion of an abdominal pregnancy is raised when the baby's parts can be easily felt, or the [[Lie (obstetrics)|lie]] is abnormal, the [[Cervix|cervix]] is displaced, or there is failed [[Labor induction|induction of labor]]. <ref name=Nunyalulendho/> [[X-ray#Medical uses|X-rays]] can be used to aid diagnosis. <ref name=bonn/> Sonography can demonstrate that the pregnancy is outside an empty uterus, there is reduced to no [[amniotic fluid]] between the placenta and the fetus, no uterine wall surrounding the fetus, fetal parts are close to the abdominal wall, the fetus has an abnormal lie, the placenta looks abnormal and there is [[Ascites|free fluid in the abdomen]]. <ref name=hk/> <ref>{{cite doi|10.1186/1752-1947-7-10}}</ref> [[MRI]] has also been used with success to diagnose abdominal pregnancy and plan for surgery. <ref>{{cite journal | author=Lockhat F, Corr P, Ramphal S, Moody J |title=The value of magnetic resonance imaging in the diagnosis and management of extra-uterine abdominal pregnancy |journal= Clin Radiol |pmid=16488208 | year=2006 | volume=61 | issue=3 | pages=264-9 | doi=}}</ref><ref name=dahiya/> Elevated [[alpha-fetoprotein]] levels are another clue of the presence of an abdominal pregnancy. <ref>{{cite journal | author=Tromans PM, Coulson R, Lobb MO, Abdulla U |title= Abdominal pregnancy associated with extremely elevated serum alphafetoprotein: case report |journal= British Journal of Obstetrics and Gynaecology |pmid=6200135 | year=1984 | volume=91 | issue=3 | pages=296–8 | doi=10.1111/j.1471-0528.1984.tb04773.x}}</ref>

Images of *Aerococcus urinae*

Mikael Häggström^{1,2,3} and Jonatan Mattiia^{4,5}

Abstract

This is a description of an infection in 73 year old man with multiple comorbidities, with images of *Aerococcus urinae* from resultant blood cultures, showing their **alpha hemolytic** and **Gram-positive** properties.

Plain language summary: *Aerococcus urinae* is a type of bacteria that can lead to infections in the urinary system. This work describes a 73 year old man who had an infection with *Aerococcus urinae*. Samples of blood and urine were taken from the patient, and when put on blood cells the bacteria weakly changed the color of the blood cells around them. This result is called **alpha hemolysis**, and can be seen in *Image 1*. Adding Gram stain to the bacteria turned them violet, and therefore the bacteria were **Gram-positive**. This can be seen in microscopy in *Image 2*. The patient was treated with antibiotics.

Aerococcus urinae

Aerococcus urinae is a relatively new species of bacteria in clinical and microbiological practice, first reported in 1989 and designated as a separate species in 1992.^[1] It can cause urinary tract infections, bacteremia / septicemia and/or endocarditis.^[4] As a urinary tract pathogen, it causes infections predominantly in elderly persons with local or general predisposing conditions.^[4] *Aerococcus urinae* has been estimated to cause approximately 0.31 - 0.44% of urinary tract infections.^[4]

mg/l (normally less than 5^[4] or 6^[6]) and a leukocyte count of 13.7*10⁹/l (normally less than 9.0^[6] or 10.0^[7]). The patient was admitted to the hospital for observation, and after one day on the ward he developed chills and was **subfebrile** with a **tympanic** body temperature of 37.6°C (normally up to 37.5°C).^[8] Blood and urine samples were taken for culture. Microscopy of the blood samples showed gram-positive cocci. The patient received intravenous cefotaxime. After three days all blood samples and urine samples showed growth of gram-positive catalase-negative cocci *Aerococcus urinae* (Figures 1 and 2).

Patient case

A 73 year old man presented to the emergency department with two days of fatigue, fever and chills. He had a previous history of left arterial cerebral media infarction with expressive aphasia, right side hemiparesis and post-stroke seizures. He suffered from hypertension, atrial fibrillation and aortic stenosis with normal systolic left ventricular function as well as urinary incontinence and prostatic hyperplasia.

In the emergency department he was afebrile and the blood-samples showed a C-reactive protein level of 19

Sundsvall Regional Hospital

¹Image credits and author of introduction

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³Author Correspondence: [online form](#)

⁴Author of patient case

⁵Author Correspondence: [online form](#)

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Example:
A submitted
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images.

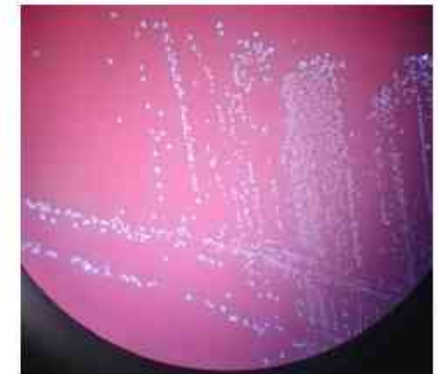


Figure 1 | Blood agar with alpha hemolytic colonies following culture from the patient's blood samples.



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Aerococcus urinae

From Wikipedia, the free encyclopedia

Aerococcus urinae is a member of the bacterial genus *Aerococcus*. The bacterium is a Gram-positive, catalase-negative coccus growing in clusters. Isolates of this species were originally isolated from the urine of patients with urinary tract infections and were denoted *Aerococcus*-like organisms.^[1] In 1992, *A. urinae* was assigned as distinct species.^[2] Due to difficulties in the biochemical identification of *A. urinae* in clinical microbiological laboratories, the incidence of infections with this bacterium has likely been underestimated and secure identification relies on genetical or mass spectroscopic methods.^[3] *A. urinae* may also cause invasive infections including urosepsis and infective endocarditis, especially in elderly men with underlying urinary tract diseases.^{[4][5]} *A. urinae* is sensitive to

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porins, and vancomycin. It is also used in urinary tract infections with ciprofloxacin.^[6] The bacterium can adhere to platelets, two features of *Aerococcus* organism.^[7] *A. urinae* is the causative agent of infections whereas *Aerococcus urinae* sp. nov.^[8]

"*Aerococcus*-like organism, a new species." *Journal of Clinical Microbiology* **29** (5): 1000-1002.

"Genetic analysis of some *Aerococcus* species." *Journal of Clinical Microbiology* **29** (5): 1000-1002.

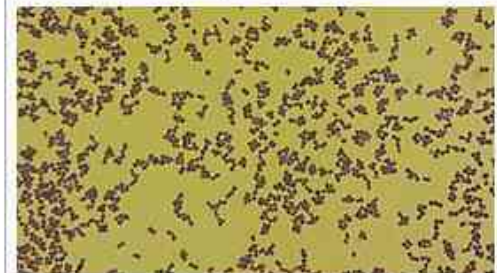
"Genetic analysis of some *Aerococcus* species." *Journal of Clinical Microbiology* **138** (2): 401-405. doi:10.1099/00221287-138-2-401

- [↑] Rasmussen, M (December 2012). "Aerococci and aerococcal infections." *Journal of Infection* **66** (6): 467-74. doi:10.1016/j.jinf.2012.12.006. PMID 23277106.
- [↑] Ebnöther, C; Altwegg, M; Gottschalk, J; Seebach, JD; Kronenberg, A (Oct 2002). "Aerococcus urinae endocarditis: case report and review of the literature." *Infection* **30** (5): 310-3. doi:10.1007/s15010-002-3106-x. PMID 12382093.

Aerococcus urinae



Aerococcus urinae on blood agar, showing alpha hemolytic colonies.



Microscopy of Aerococcus urinae with gram stain, showing gram positive cocci.

Scientific classification

Kingdom: Bacteria
 Phylum: Firmicutes
 Class: Bacilli

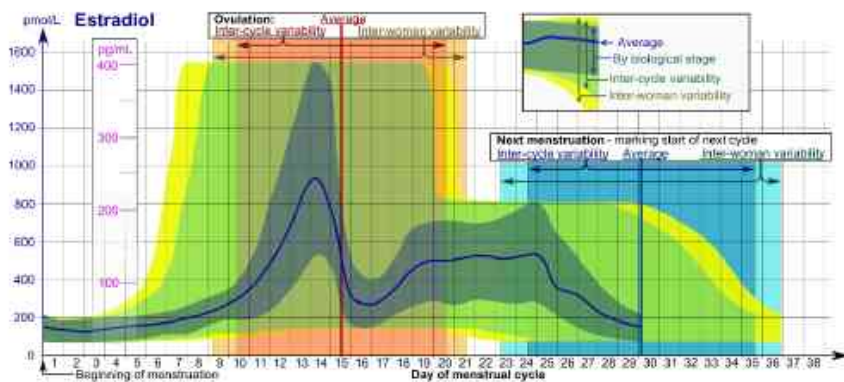


Figure 2 | Estradiol during menstrual cycle

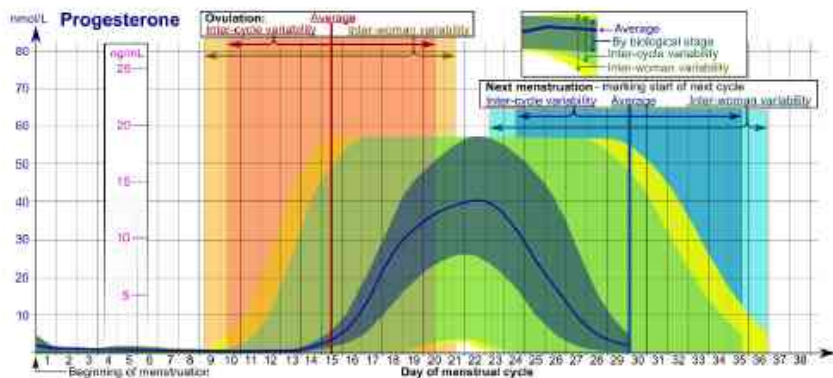


Figure 2 | Progesterone during the menstrual cycle

the up to 95% prediction intervals for any single woman, assuming an inter-cycle average duration that is equal to population average. These ranges are more appropriate to use in non-monitored cycles with only the beginning of menstruation known, but where the woman accurately knowing her average cycle lengths and time of ovulation, and that they are somewhat averagely regular, with the time scale being compressed or stretched to how much a woman's average cycle length is shorter or longer, respectively, than the average of the population.

- The ranges denoted Inter-woman variability are the up to 95% prediction intervals for hormone levels in

the overall population. These ranges are more appropriate in non-monitored cycles, where the average cycle lengths and time of ovulation are unknown, but only the beginning of menstruation is given.

Derivation

Average hormone values

The average hormone levels are taken from Stricker 2006,^[1] with some regression to a smoother curve between values of a rather zigzag pattern. The confidence intervals for the average values are not given in this

Wikipedia articles where media are used	View count (Feb 2015)
Estrogen	53793 [1]
Estradiol	27055 [2]
Menstrual cycle	53209 [3]
Ovulation	15584 [4]
Reference ranges for blood tests	23898 [5]
Progesterone	34680 [6]
Follicle-stimulating hormone:	22883 [7]
Luteinizing hormone	23706 [8]

These images now appear in articles with a total of **254 808** readers per month.



Benefit to authors

Vast readership of published content

- Wikipedia is the 7th most visited webpage on the Internet

["How popular is wikipedia.org?". Alexa Internet Alexa Top 500 Global Sites"](#) *alexa.com*

- Average of 10,000 to 100,000 readers per month for each publication

https://en.wikiversity.org/wiki/Wikiversity_Journal_of_Medicine/View_count



Benefit to authors

What you get:

- Certification of having undergone peer review
- Can be cited in scholarly publications with a standardized reference format:



Uthman, Ed (2014). "[Tubal pregnancy with embryo](#)".
Wikiversity Journal of Medicine 1 (2).
doi:[10.15347/wjm/2014.007](#). ISSN [20018762](#)



Examples of submitted works

- Case studies (with informed consent)
Preferably containing images.
- Reviews, supported by reliable sources
- Original research - not to be used in Wikipedia.
- Wikipedia content
 - Images
 - Article sections
 - Entire Wikipedia articles



Peer reviewers

Criteria:

- Have public contact information, or be willing to be contacted for verification
- Have relevant expertise in medicine
- Be willing to state any conflicts of interests
- Not be part of the editorial board
- Found by searching among authors of articles of similar scope





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This is the public peer review for the article: [The Cerebellum](#)

Authors: [Marion Wright](#), [William Skaggs](#), [Finn Arup Nielsen](#), *et al.* [@](#)
 Author correspondence: by online forms - [Wright](#) [@](#), [Skaggs](#) [@](#), [Nielsen](#) [@](#)
 PDF version [@](#) (checked)
 DOI: 10.15347/wjm/2016.001 [@](#)

Pre-publication peer review

Following is the peer review statement of the [May 2016 version of the Cerebellum article [@](#)], copied here with permission from the peer reviewer.
[Mikael Häggström](#) (discuss • contribs) 10:03, 19 May 2016 (UTC)



The article is very informational and is written in an encyclopedic voice. It is written at a scholarly level while still maintaining enough readability for lay readers. Though, I suggest a few changes (highlighted in the attached pdf).

- While the article provides a comprehensive overview of the cerebellum in terms of its structure and functions, certain aspects of its anatomy are still lacking:
 - Information on blood supply should be added (superior cerebellar artery, anterior inferior cerebellar artery, and posterior inferior cerebellar artery), perhaps with illustrations.
 - Its connections to the brainstem (the three cerebellar peduncles) and tracts (e.g. cerebellothalamic tract) should be mentioned.

Reviewer-annotated pdf file

- Information on cerebellar anomalies should also be added to section "Clinical significance", e.g., Arnold-Chiari malformation, Dandy-Walker syndrome, etc.
 Other comments:
 - I notice some missing citations at several locations:
 - Page 1, "Most of them derive from... Purkinje cell receives two dramatically...". The basic concept of Marr-Albus...
 - Page 5, last paragraph of section 1.2.1 Purkinje cell. The most popular concept of their function...
 - Page 7, section 2 Function, last paragraph. Kenji Doya has argued...
 - Page 9, second paragraph of section 2.3 Theories and computational methods. Perhaps the earliest "performance" theory...
 - Page 3, Figure: Microcircuitry of the cerebellum. abbreviation of CFC is lacking.
 - Page 7, section 1.2.5 Deep nuclei, use the word 'supply' instead of 'innervate'.

Response

These issues are now been [amended [@](#)]. Thanks [Marion Mikael Häggström](#) (discuss • contribs) 19:58, 20 June 2016 (UTC)
 I can also forward that the peer reviewer is pleased too with the current article version. [Mikael Häggström](#) (discuss • contribs) 15:14, 22 June 2016 (UTC)

This article is included in Wikiversity Journal of Medicine
 PDF version [@](#) (checked)
 DOI: 10.15347/wjm/2016.001 [@](#)

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 Last updated: 03 August 2016

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This work has been through public peer review
Reviewed version
Published version

Text / media from this work is used in the following Wikipedia article: Cerebellum



Peer review example

The Cerebellum

Marion Wright, William Skaggs, Finn Arup Nielsen,* et al.

Abstract

The cerebellum (Latin for "little brain") is a region of the brain that plays an important role in motor control. It may also be involved in some cognitive functions such as attention and language, and in regulating fear and pleasure responses,^[a] but its movement-related functions are the most solidly established. The cerebellum does not initiate movement, but contributes to coordination, precision, and accurate timing. It receives input from sensory systems of the spinal cord and from other parts of the brain, and integrates these inputs to fine-tune motor activity.^[b] Cerebellar damage produces disorders in fine movement, equilibrium, posture, and motor learning.^[c]

Anatomically, the cerebellum has the appearance of a separate structure attached to the bottom of the brain, tucked underneath the cerebral hemispheres. Its cortical surface is covered with finely spaced parallel grooves, in striking contrast to the broad irregular convolutions of the cerebral cortex. These parallel grooves conceal the fact that the cerebellar cortex is actually a continuous thin layer of tissue tightly folded in the style of an accordion. Within this thin layer are several types of neurons with a highly regular arrangement, the most important being Purkinje cells and granule cells. This complex neural organization gives rise to a massive signal-processing capability, but almost all of the output from the cerebellar cortex passes through a set of small deep nuclei lying in the white matter interior of the cerebellum.^[d]

In addition to its direct role in motor control, the cerebellum is necessary for several types of motor learning, most notably learning to adjust to changes in sensorimotor relationships. Several theoretical models have been developed to explain sensorimotor calibration in terms of synaptic plasticity within the cerebellum. Most of these models derive from those formulated by David Marr and James Albus, based on the observation that each cerebellar Purkinje cell receives two dramatically different types of input: one comprises thousands of weak inputs from the parallel fibers of the granule cells; the other is an extremely strong input from a single climbing fiber.^[e] The basic concept of the Marr–Albus theory is that the climbing fiber serves as a "teaching signal", which induces a long-lasting change in the strength of parallel fiber inputs. Observations of long-term depression in parallel fiber inputs have provided support for theories of this type, but their validity remains controversial.^[f]

Structure

At the level of gross anatomy, the cerebellum consists of a tightly folded layer of cortex, with white matter underneath and a fluid-filled ventricle at the base. At the microscopic level, there are four deep nuclei embedded in the white matter. Each part of the cortex consists of the same small set of neuronal elements, laid out in a highly stereotyped geometry. At an intermediate level, the cerebellum and its auxiliary structures can be separated into several hundred or thousand independently functioning modules called "microzones" or "micro-compartments".

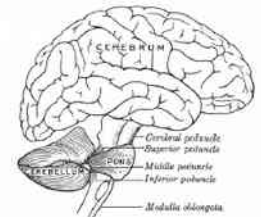


Figure 1 | Drawing of the human brain, showing cerebellum and pons. Gray's Anatomy, Public Domain

*Corresponding author: faan@du.se
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 Based on the Wikipedia article "Cerebellum" as of June 30, 2016.
 Received 2016-06-03, accepted 2016-06-22

Editorial board

Decides what works to include in the journal, based largely on peer reviews.

9 persons:

- 3 from America, 3 from Europe, 1 from Africa, 1 from Asia, 1 from Oceania.
- 6 medical doctors, 1 medical student, 2 PhDs.

Members

Editorial board member	Academic status	Other positions in this journal	Member since
Mikael Häggström	MD	Editor-in-chief	1 January 2015
Gwinyai Masukume	MB ChB (UZ), Dip Obst(SA), MSc(Wits)	Assistant to the editor-in-chief	1 January 2015
Lisa Kipersztok	MD, MPH		1 January 2015
James Heilman	MD, CCFP-EM		1 January 2015
Carl Fredrik Sjöland	med. kand.		4 March 2015
Mike Nicolaije	BSc(med), BSc(bio-chem), BLS/AED instr		24 March 2015
Guy Vandegrift	PhD, Assoc. Prof. Physics, Wright State University		12 January 2016
Diptanshu Das	MBBS, MHSc (clinical child development) and PDCR		21 July 2016
Thomas Shafee	PhD in biochemistry		24 July 2016

Contribute

- **Publish** an article. Credentials are not necessary.
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Wikiversity Journal of Medicine


Model for journals in other fields

The screenshot shows the Wikiversity Journal of Medicine website. At the top left is the Wikiversity logo. The main header reads "Second Journal of Science". Below the header is a navigation bar with links: About, Current issue, Past issues, Publish, Peer reviewers, Editors, Editorial board, and Contribute. The central content area features a "Current issue" section with a "zeroth" mockup issue, an editorial titled "Why this journal was created", and two featured articles: "Wikiversity: Quantum mechanics timeline" and "Wikipedia: Introduction to quantum mechanics". The left sidebar contains various navigation and utility links. The right sidebar includes contact information and social media links.

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VOLUME 0 (2016) Current issue ISSUE 0

This "zeroth" mockup issue uses *unrefereed* articles to illustrate how we can host trans-wiki articles that will be useful for teachers and their students.

Editorial: [Why this journal was created](#)

Wikiversity: Quantum mechanics timeline new

Author: *Guy vandegrift* (For demonstration only; not a peer reviewed article)

Wikiversity's policy of permitting linking into two slightly different articles has led to two slightly different versions. In October 2014, an editor rendered it too advanced for its intended use by adding **this section** to the other version (i.e., the one not posted here). As is common on Wikiversity, the project was forked into two parallel pages (at present, neither version is ready to be accepted by this journal).

Also, this practice of routinely linking articles and accepting student submissions in mainspace makes Wikiversity an ideal host for journals like this and Wikiversity Journal of Medicine. To a limited degree, POV is tolerated here.


Full article:
wiki (editable) | PDF format (checked)

Wikipedia: Introduction to quantum mechanics new

Author: *The parent article editors*. Submitted to community review.

This Wikipedia article seems to have more focus than most. It also demonstrates how articles can be included in this journal without the permission or even knowledge of its authors, so that we effectively already have 5 million submitted manuscripts. The version "accepted" by this journal features the journal's logo and link to this abstract, which was added and then immediately removed.

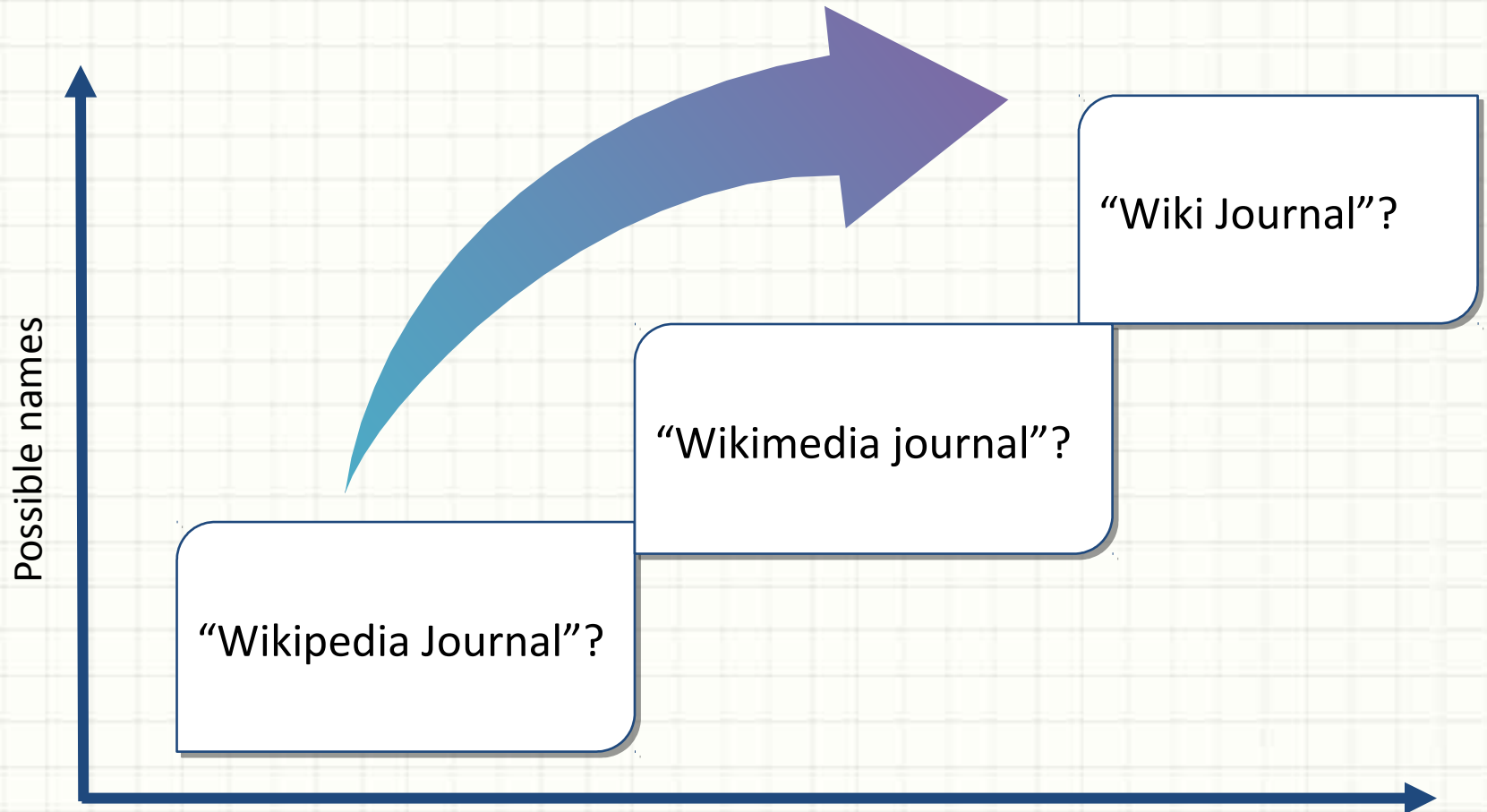
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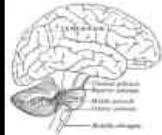
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VOLUME 3 (2016) Current issue ISSUE 1

The Cerebellum



Drawing of the human brain, showing cerebellum and pons.
Gray's Anatomy, Public Domain

Authors: Wright M, Skaggs W, Nielsen F A, et al.

The cerebellum (Latin for "little brain") is a region of the brain that plays an important role in motor control. It may also be involved in some cognitive functions such as attention and language, and in regulating fear and pleasure responses, but its movement-related functions are the most solidly established. The cerebellum does not initiate movement, but contributes to coordination, precision, and accurate timing. It receives input from sensory systems of the spinal cord and from other parts of the brain, and integrates these inputs to fine-tune motor activity. Cerebellar damage produces disorders in fine movement, equilibrium, posture, and motor learning

Full article:
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doi: [10.15347/wjmv2016.001](https://doi.org/10.15347/wjmv2016.001)

VOLUME 2 (2015) Previous issue ISSUE 1

Images of Aerococcus urinae



Micrograph of Aerococcus urinae

Authors: Mattila J, Haggstrom M

Aerococcus urinae is a type of bacteria that can lead to infections in the urinary system. This work describes a 73 year old man who had an infection with Aerococcus urinae. Samples of blood and urine were taken from the patient, and when put on blood cells the bacteria weakly changed the color of the blood cells around them. This result is called alpha hemolysis, and can be seen in Image 1. Adding Gram stain to the bacteria turned them violet, and therefore the bacteria were Gram-positive. This can be seen in microscopy in Image 2. The patient was treated with antibiotics.

Full article:
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doi: [10.15347/wjmv2015.001](https://doi.org/10.15347/wjmv2015.001)

Table of pediatric medical conditions and findings named after foods



Strawberry tongue of scarlet fever
Image by Martin Kronawitter

Authors: Kipersatoki L, Maasilinna G

This is an appendix to a peer-reviewed article. Included in the table are medical terms that have analogies related to food and drink (and also related to items involved in the preparation or consumption of food and drink).

Full article:
[wiki \(editable\)](#) | [PDF format \(checked\)](#)
doi: [10.15347/wjmv2015.002](https://doi.org/10.15347/wjmv2015.002)

The Year of the Elephant

Authors: Mari JS, Hubbard P, Cathy, JT

Based on historical interpretations of the *Surat al-Fil*, the 105th Meccan *Sura* of the *Qur'an*, an epidemic occurred near Mecca circa 570 CE (Common Era), the Year of the Elephant in Islamic history. The five verses of the *Sura* are thought to be an allegorical description of the "Elephant War epidemic," so named because invading Axumite (Ethiopian) forces from present-day Yemen included one or more war elephants.

Full article



Wikiversity Journal of Medicine

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