

How a proper journal should be chosen for your research data and how choice is driven by the impact factor.

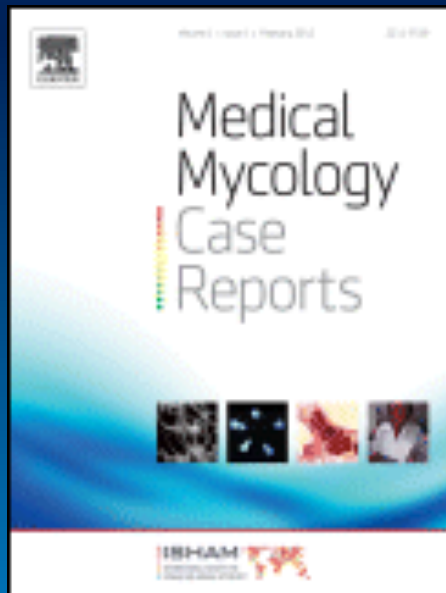
To publish or not to publish, but
WHERE is the question?

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Substituting Today in a “Bait and Switch Tactic”

Carl Clemons, PhD, USA, Executive Editor - Medical Mycology

THE OBVIOUS SELECTIONS FOR PUBLICATION OF YOUR BRILLIANT RESEARCH OR CLINICAL STUDIES



Top reasons you need to publish?

1. It is a requirement for me to obtain my degree
2. It is something my PI/advisor/mentor tells me I need to do
3. It is needed to get a post-doc/academic position
4. It is necessary for me to be promoted!!

Top reason you need to publish?

To disseminate the information of your research so the scientific community knows about it!!!!!!

- You can be the best scientist in the world but without publishing who will know about it?

The real top reason you publish?

I like seeing my
name in print!

Questions?

- Who wants to publish papers?
- Who has published a paper in a peer reviewed journal?
 - Primary research paper?
 - Review paper?
 - Letter to the Editor?
 - Case report?
 - Who has published a Book Chapter or Book?
 - Who has served as an Editor or reviewer of a journal?

My project is complete!
I am ready to publish a paper and become famous!
Where should I submit?????

For 2014 – MEDLINE/PubMed

- over 5600 journals
- >765,000 papers indexed by MEDLINE
- 2.7 billion searches MEDLINE/PubMed

My project is complete!
I am ready to publish a paper and become famous!
Where should I submit?????

- How many journals publish papers on mycology?
- Over 400 journals in PubMed alone publish on fungi!
- Many more journals not indexed by MEDLINE/PubMed publish papers on the topic of medical mycology

My project is complete!
I am ready to publish a paper and become famous!
Where should I submit?????

So there are a lot of choices! Too many as a matter of fact!

How do I chose the proper journal?

How does Dr. Kurzai chose a journal?

1. Suitability of research topic for the scope of the journal
2. Impact Factor
3. "Outreach" of the journal (e.g. very high for PLOS Pathogens, JID, J Bacteriology, J Clin Microbiology) this is probably related to total number of citations but also includes OA as an add on value
4. Personal knowledge of potential editors and personal experience with the journal itself

Evaluate your work for topic and strength

- Great I know what I did for the research! (Some don't!)
- My study is solid but a “ME TOO”
- My study is the first in the area, but not too novel (Drug studies fill this slot nicely)
- My study was a retrospective case report/clinical trial
- My study was novel and a hot topic!
- A seminal breakthrough study

Evaluate your work for topic and strength

- My study was so good.....

I'm just waiting for the call from Stockholm and the Nobel Committee!!!

Don't be this guy!

Really????

Evaluate your work for topic and strength

Type and strength of work contribute to journal choice – Be realistic about both!

AUTHOR CONSIDERATIONS – JOURNAL SELECTION

IMPACT OF IMPACT FACTOR

GENERAL SUMMARY

- IMPACT FACTOR IS ONLY A POINT-METRIC ATTEMPTING TO CONVEY COMPLEX DESCRIPTIONS
- simply put IF is the average number of times an article is cited over a 2 year period: they go up and down - could be 5 yr or 10 yr periods as well and these may be more reflective.
 - There are other metrics that can be examined – Eiganfactor, H index, individual paper metrics

****IMPACT FACTOR AND OTHER METRICS CANNOT CONVEY THE UTILITY OF JOURNALS TO THEIR COMMUNITIES****

AUTHOR CONSIDERATIONS – JOURNAL SELECTION

IMPACT OF IMPACT FACTOR

GENERAL SUMMARY

- A SIMPLE, ONE-SIZE-FITS ALL METRIC IS UNLIKELY TO BE DEVELOPED
- IMPACT FACTOR AS A SOLE METRIC DOES NOT APPROPRIATELY MEASURE IMPORTANCE OR QUALITY
- BUT IT HAS BECOME AN INDICATOR OF THE IMPORTANCE AND QUALITY OF JOURNALS
- MORE IMPORTANTLY, IS USED IN THE MYSTERIOUS PROCESS OF PROMOTION AND TENURE – WHY?????

Individual Paper Metrics

Aspergillus fumigatus Invasion Increases with Progressive Airway Ischemia

Joe L. Hsu , Mohammad A. Khan, Raymond A. Sobel, Xinguo Jiang, Karl V. Clemons,
Tom T. Nguyen, David A. Stevens, Marife Martinez, Mark R. Nicolls
PLoS ONE: October 14, 2013, DOI: 10.1371/journal.pone.0077136

Viewed [info](#)

Total Article Views

2,537

Oct 14, 2013 (publication date)

through Apr 20, 2015*

	HTML Page Views	PDF Downloads	XML Downloads	Totals
PLOS	2,089	167	25	2,281
PMC	183	73	n.a.	256
Totals	2,272	240	25	2,537

10.56% of article views led to PDF downloads

Paper to read covering the Decision Process for where to submit

- Salinas, and Munch. Where should I send it? Optimizing the submission decision process. Jan 23, 2015 PLOS ONE doi: 10.1371/journal.pone 0115451
- Covers models of how to decide on a journal to submit
 - Prestige and IF –in one scenario starting high going down estimate of 15 yrs to get an acceptance!!!!!!!
 - Likelihood of acceptance
 - Turn-around time
 - Audience

EXAMPLE of SUBMISSION OF MANUSCRIPT TO HIGH IF JOURNALS FINAL DISPOSITION

Manuscripts Submitted to the EMBO Journal (2007)

Total submitted	3,184
Total accepted	325 (10%)
Total rejected	2,849 (90%)
Total rejected found in PubMed (2009)	2,403 (84%)
Total rejected apparently unpublished(2009)	446 (16%)



Manuscripts Rejected by EMBO, but Published

High IF journals	01.2%
Comparable IF journals	10 %
Lower IF journals	73 %
Not published	16 %



Submit to a high IF journal but be prepared for the consequences - **REJECTION**
But eventually your work will be published, albeit in a lower IF journal

It's a gamble with the odds stacked against you

Audience: who needs to read the paper?

- What is the topic of the paper? Possible Journals??
 - General biology? PLoS ONE, Science, Nature ??
 - Pathogenesis? JID, PLoS Pathogens, IAI ??
 - Immunology? Cellular Immunol, J Immunol, IAI ??
 - Taxonomy? Med Mycol, Mycopathologia, Taxon ??
 - Epidemiology? JCM, J Med Microbiol, J Epidemiol ??
 - Clinical? J Clin Invest, CID, JAMA, Lancet, MMCR??
 - “Omics”? J Proteome Res, Fungal Genetic Biol ???
 - Drug Studies AAC, JAC, JCM ??
 - Diagnostics JCM, DMID ??
- Medical Mycology publishes papers on all of these topics for fungi!

AUTHOR CONSIDERATIONS – JOURNAL SELECTION

Review the scope of the journals: Which for this?

1. Does the presence of mediastinal adenopathy confer a risk for disseminated infection in immunocompetent persons with pulmonary coccidioidomycosis?
2. Bugs and Drugs in Rats.

A word about titles: (Fox and Burns. 2015. Ecol Evolution. Doi: 10.1002/ece3.1480)

Ex: Nocturnal feeding of *Saprolegnia*-infected *Oncorhynchus mykiss* on *Hexagenia*

What's this one even mean? Easy to understand titles may be better

Better? *“Night feeding by Saprolegnia-infected rainbow trout on giant mayflies”*

ONE JOURNAL TO WHICH YOU DON'T WANT TO SUBMIT YOUR WORK FOR PUBLICATION

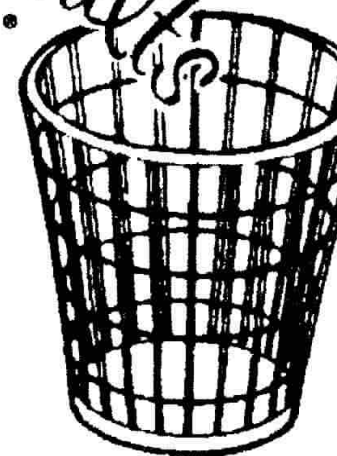
Jim Stanfield,
Mushroom Hunting for Beginners
49 #2 p10 March 2005

Amanita yodeadsucca

JOURNAL OF
Irreproducible Results

Official organ of the Society for Basic Irreproducible Research (ISSN 0022-2038)

Welcome to our 48th
Year of Publication



AUTHOR CONSIDERATIONS – JOURNAL SELECTION

Journal circulation – Is larger better?

Duration of editorial processing

- Time from submission to first decision
- Time from first decision to acceptance

Received 4 May 2011; Received in final revised form 4 July 2011;

Accepted 31 July 2011

AUTHOR CONSIDERATIONS – JOURNAL SELECTION

Open access or not*

- Granting agency requirements - Funding for author fees
- Gold or green
 - Gold – Full, immediate open access by publisher on multiple sites
 - Green – Open access, but on author's institution's site
- Could restrict choice of journals and ability to publish

Sir Mark Walport, the director of the Wellcome Trust has stated, “the Trust was considering sanctions for researchers and universities if Wellcome-funded research is not made freely available. One option under examination is to make grant renewals contingent on open access compliance...”

AUTHOR CONSIDERATIONS – JOURNAL SELECTION

On-line or print??

- On-line faster than print
- But print more accessible worldwide? Maybe?
- Combine the two – best solution?

•*<http://the-scientist.com/2012/02/07/occupy-elsevier> or
www.guardian.co.uk/science/2012/apr/09/wellcome-trust-academic-spring

AUTHOR CONSIDERATION - INSTRUCTIONS

Simple rules in preparing your manuscript:

Read the Instructions for Authors – Failure may result in rejections

Read the Instructions for Authors- Failure may result in return of mss

Read the Instructions for Authors- Failure may negatively impact reviews

Don't plagiarize! (Panter. In your own words: Best practices for avoiding plagiarism. AJE) - Failure can ruin your career!



Thank You
Tell your story and land that big one!

