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#NotAllPublishers
Added value and the OA transition
About me

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What do we want?
Fully funded, cost effective
Quality assurance...
...prestige
Consistent, interoperable...
...and specific to me
Great for authors (when I’m an author)
Great for readers
(when I’m a reader)
What do we have?
Costs [thousand US$/article]

Costs [thousand US$/article]

<table>
<thead>
<tr>
<th>Class</th>
<th>Free Hosted (WP)</th>
<th>ArXiv (sanity review)</th>
<th>Basic - PDF Only, Community review</th>
<th>Basic - JATS XML, Community review</th>
<th>Institutional hosting, Community review</th>
<th>Full service (Small Scale)</th>
<th>Full service (Enterprise)</th>
</tr>
</thead>
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<td>$ Per Article</td>
<td>0</td>
<td>$10</td>
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<td>$200</td>
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<td>$800</td>
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</table>
“Cells and cell culture. Rat SV40 transformed soft tissue blastoma cells were grown in Roswell Park Memorial Institute (RPMI) 1640 medium supplemented with 2 mg/ml N-2-hydroxyethylpiperazine-N'-2-ethanesulfonic acid, 100 U/ml penicillin G, 0.1 mg/ml streptomycin, 2 mg/ml sodium bicarbonate, and 5% fetal bovine serum (FBS). “
Ethics approval?
“The study was approved by the Ezahear Medical University Research Review Board to comply with all necessary animal and human welfare codes, and that consent was obtained properly where applicable.”
23 emails...
...prior to going to an editor
Ethics, statistics, image checks, data validation...
Are they worth it?
Orsellinic acid inhibits the growth of rat SV40 transformed soft tissue blastoma cells in vitro

Masabla I. A. Ohyeanorrow, Ogaya A. F. Loezee, and Corry I. Diouf

Ezahear Medical University, Porto-Novo, Benin
Indexing, markup, metadata, archival...
...much of which can (should) be automated...
...to bring down costs to..?
What could we have?
Reducing costs

Discovery

Publication Infrastructure

Review

Submission Systems
Reducing costs

Discovery

Publication Infrastructure

Review

Submission Systems
Reducing costs

Discovery

Publication Infrastructure

Review

Submission Systems
Reducing costs

- Curated content
- Communities of practice
Reducing costs

Curated content

Communities of practice

Evaluation Infrastructure
Reducing costs

Curated content
Communities of practice
Evaluation Infrastructure
Publication Infrastructure
Reducing costs
Superior Alternative

• Sustainable, global search and access for all literature, code and data
• Intelligent sort, filter and discover functionalities
• Scientific, evidence-based reputation system
• Authoring tools for collaborative writing and single-click submission
• Orders of magnitude cheaper: US$90/paper (e.g. SciELO) vs. US$5,000/paper (subscription)
How do we get there?
Why is it so hard?
Some home truths about cultural change via Ostrom
All change is incremental.
Change is feasible...
...within small homogenous communities with high trust
...where there are limited power asymmetries...
...where the interests of stakeholders are similar...
...are trusted institutions to support negotiation
...where information is readily available & cheap
It’s worse than that...
What can we do?
...identify smaller (more) homogenous communities
...with higher trust
...where the interests of stakeholders are similar...
...where we can impose trusted institutions to support negotiation
The institutional level...
... generate information which is available & cheap
...build the platforms to support disruption
The institutional level?
Collective action...
...requires changing the rules of the game...
…requires liberating resources for new use…
...requires cancelling subscriptions...
...requires mass cancellation of subscriptions...
...and reinvestment of liberated resources...
...control back in the hands of the community
...but...
...scale has value...
...experience has value...
...specialization has value...
...publishers (can) add value
...within the terms of service that the community needs
...which means institutions will need to take the lead
...and understanding where the value really lies for you
#NotAllPublishers