

Editorial

Introduction of article-processing charges (APCs) for articles accepted for publication in the *Journal of Translational Medicine*

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Introduction

The Journal of Translational Medicine is published by BioMed Central, an independent publisher committed to ensuring peer-reviewed biomedical research is Open Access – it is universally and freely available online to everyone, its authors retain copyright, and it is archived in at least one internationally recognised free repository [1]. *The Journal of Translational Medicine* however, has taken this further, by making *all* content Open Access. To fund this, from the 1st of February, 2004 authors of articles accepted for publication will be asked to pay an article-processing charge (APC) of US\$525.

Problems with the traditional publishing model

Traditionally, readers pay to access articles, either through subscriptions or by paying a fee each time they download an article. Escalating journal subscriptions have resulted in libraries subscribing to fewer journals [2], and the range of articles available to readers is therefore limited. Although traditional journals publish authors' work for free (unless there are page or colour charges), having to pay to access articles limits how many can read, use and cite them.

Definition of Open Access

The Journal of Translational Medicine's Open Access policy changes the way in which articles are published. First, all articles become freely and universally accessible online, and so an author's work can be read by anyone at no cost. Second, the authors hold copyright for their work and grant anyone the right to reproduce and disseminate the article, provided that it is correctly cited and no errors are introduced [1]. Third, a copy of the full text of each Open Access article is archived in an online repository separate

from the journal. *The Journal of Translational Medicine's* articles are archived in PubMed Central [3], the US National Library of Medicine's full-text repository of life science literature; e-Depot [4], the National Library of the Netherlands' digital archive of all electronic publications; and Potsdam [5] and INIST [6], sites archiving the research articles published by BioMed Central in Germany and France, respectively.

The benefits of Open Access

Open Access has four broad benefits for science and the general public. First, authors are assured that their work is disseminated to the widest possible audience, given that there are no barriers to access their work. This is accentuated by the authors being free to reproduce and distribute their work, for example by placing it on their institution's website. It has been suggested that free online articles are more highly cited because of their easier availability [7]. Second, the information available to researchers will not be limited by their library's budget, and the widespread availability of articles will enhance literature searching and facilitate meta-analyses [8]. Third, the results of publicly funded research will be accessible to all taxpayers and not just those with access to a library with a subscription. As such, Open Access could help to increase public interest in, and support of, research. Note that this public accessibility may become a legal requirement in the USA if the proposed Public Access to Science Act is made law [9]. Fourth, a country's economy will not influence its scientists' ability to access articles because resource-poor countries (and institutions) will be able to read the same material as wealthier ones (although creating access to the internet is another matter [10]).

APC payment

APCs will allow continued Open Access to all of *The Journal of Translational Medicine* articles. Authors are asked to pay US\$525 if their article is accepted for publication. Waiver requests will be considered on a case-by-case basis, by the Editor-in-Chief. Authors can circumvent the charge by getting their institution to become a 'member' of BioMed Central, whereby the annual membership fee covers the APCs for all authors at that institution for that year. Current members include NHS England, the World Health Organization, the US National Institutes of Health, Harvard, Princeton and Yale universities, and all UK universities [11]. No charge is made for articles that are rejected after peer review. Many funding agencies have also realized the importance of Open Access publishing and have specified that their grants may be used directly to pay APCs [12].

What the APC covers

The APC pays for efficient and thorough peer review, for the article to be freely and universally accessible in various formats online, and for the processes required for inclusion in PubMed and archiving in PubMed Central, e-Depot, Potsdam and INIST. Although some authors may consider US\$525 expensive, it must be remembered that *The Journal of Translational Medicine* does not levy additional page or colour charges on top of this fee, which can easily exceed US\$525. With the article being online only, any number of colour figures and photographs can be included, at no extra cost.

Free versus Open Access

Although several journals now offer free access to their articles online, this is different from Open Access (as defined by the Bethesda Statement [13]). Journals often delay free access for 6–12 months, and even when the full text is available, readers are not allowed to reproduce and/or disseminate the work because of restrictions imposed by the copyright policy. That said, *The Journal of Translational Medicine* is not alone in the move to Open Access funded by APCs. The *British Medical Journal* has recently announced that it cannot continue to provide free access to its website [14] and is considering various sources of revenue, including APCs [15]. Also, the Public Library of Science has set up two new Open Access journals, and have elected to set APCs of US\$1500 for each accepted article [16]. Given that the Public Library of Science has used television advertising to promote journals [9], the high profile of these journals will raise awareness of Open Access and encourage researchers in all disciplines to understand and accept Open Access, with APCs as an acceptable method to fund it.

Conclusion

By providing a forum for Open Access, APCs will enable *The Journal of Translational Medicine* to serve the clinical and scientific community. We believe this change will benefit and aid scientific research, and we hope you will support this progress by submitting your next article to an Open Access journal.

Abbreviations

APC = article-processing charge.

References

1. **BioMed Central Open Access Charter** [<http://www.biomedcentral.com/info/about/charter>]
2. Tamber PS: **Is scholarly publishing becoming a monopoly?** *BMC News and Views* 2000, 1:1.
3. **PubMed Central** [<http://www.pubmedcentral.org>]
4. **e-Depot** [<http://www.kb.nl/>]
5. **Potsdam** [<http://www.uni-potsdam.de/over/homegd.htm>]
6. **INIST** [http://www.inist.fr/index_en.php]
7. Lawrence S: **Free online availability substantially increases a paper's impact.** *Nature* 2001, 411:521.
8. Velterop J: **Should scholarly societies embrace Open Access (or is it the kiss of death)?** *Learned Publishing* 2003, 16:167-169.
9. **Open Access law introduced** [<http://www.biomedcentral.com/news/20030627/04>]
10. Tan-Torres Edejer T: **Disseminating health information in developing countries: the role of the internet.** *BMJ* 2000, 321:797-800.
11. **BioMed Central Institutional Members** [<http://www.biomedcentral.com/inst/>]
12. **Which funding agencies explicitly allow direct use of their grants to cover article processing charges?** [http://www.human-resources-health.com/info/faq/apc_faq.asp?txt_faq_no=8]
13. **Bethesda Statement on Open Access Publishing** [<http://www.earlham.edu/~peters/fos/bethesda.htm>]
14. Delamothe T, Smith R: **Paying for bmj.com.** *BMJ* 2003, 327:241-242.
15. Smith R: **The BMJ will experiment with the 'author pays' model (Rapid response to BMJ 2003;327:241-2).** [<http://bmj.com/cgi/eletters/327/7409/241#35308>].
16. **Public Library of Science to launch new free-access biomedical journals with \$9 million grant from the Gordon and Betty Moore Foundation** [http://www.plos.org/news/announce_moore.html]

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