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### F1000: a useful resource for biomedical researchers and editors

<http://f1000.com/>

#### Faculty of 1000 for researchers and editors

Faculty of 1000 (F1000) is a platform highlighting future directions of research in biology and medicine. Nowadays biomedical bibliographic databases are expanding rapidly, and it takes a lot of time to find a relevant literature source. F1000 was launched in 2003 to help researchers pick exceptional sources and use them for future research.

Vitek Tracz, the CEO and founder of F1000, wanted to realize the concept of post-publication review by leading experts from all over the world. In line with this, three online services were organized: F1000Prime (recommendations hub), F1000Research (open access journal), and F1000Posters (repository of presentations). All these services are aimed at helping researchers reflect on prospects in research.

In our times there is no shortage of scholarly resources. On the contrary, the abundant flow of information is now a big issue. Not only researchers but also science editors are affected by the deluge of information and difficulties in distinguishing the most important items. Academic journals should become the main hubs for innovative research results and platforms for scholarly communication. Science editors, in turn, should play their role in upgrading journal standards by publishing the most influential and innovative articles. F1000 can help not only researchers but also editors to hone their editorial skills and learn how to select and review the most valuable papers.

#### F1000Prime

F1000Prime contains post-publication reviewer comments on selected biomedical papers. More than 10,000 leading scholars representing 53 research areas overview recent publications abstracted on PubMed. F1000Prime is unique in that its experts do not just provide opinions but also qualitatively assess papers. The experts' recommendations reflect the scientific merit of papers rather than their indexing status and journals' impact indicators. The experts pick potentially useful research papers and recommend them to the scholarly community, thus saving the readers' precious time.

The experts provide authoritative comments on evaluated papers and forecast trends in research fields. Any

recommendation from F1000 is a great honour for authors. F1000 recommendations may provide an outlook on the citability of individual papers. Apart from that, F1000Prime can help research, academic and publishing organizations to predict research outcomes and adjust the allocation of resources accordingly.

#### F1000Research

F1000Research is a promising initiative for science publishing. It differs from traditional and most open access journals. Submissions to F1000Research are accepted and then sent for peer review. The manuscripts' initial and revised versions and reviewers' comments are stored on the F1000Research website. Papers disapproved by experts are rejected and not visible to the public.

F1000Research prioritizes original data and provides enough room for a range of article types, "negative" studies, and preliminary reports.

#### F1000Posters

Meeting reports contain a bulk of unpublished research data and innovative ideas. F1000Posters is an open access repository of posters and presentations from leading biological and medical conferences. Readers of these items can gain insight into the latest scientific achievements and tendencies. Since its launch in June 2010, F1000Posters has grown considerably and now includes posters from more than 180 international meetings, with some of the posters being viewed up to 850 times a month.

**Xiaochun Qiu**

Information Center, Shanghai Jiaotong University  
School of Medicine  
Shanghai, China

ORCID: <http://orcid.org/0000-0003-1604-3390>

**Qian Liu**

Tianjin Medical University General Hospital  
Tianjin, China

[liuqian@lungca.org](mailto:liuqian@lungca.org)

ORCID: <http://orcid.org/0000-0002-6986-5542>