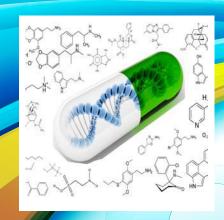


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Dr. Fraser C. Henderson Sr., MD

The Metropolitan Neurosurgery
Group LLC, USA

"The Journal of Spine has distinguished itself, in a very short period of time, in bringing to the readership a more diverse spectrum of pathology, with unique and original observations from clinicians around the world. I applaud their high standards, quick turn around time for editorial review and the excellence of their reviews. I anticipate a growing role for the Journal of Spine in the elucidation of spine patho-physiology, and the development of novel thought and approaches to the growing number of spinal disorders that we are now treating."

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- ➤ OMICS International supports the Bethesda Statement on Open Access Publishing.
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### **Definition of Open Access**

# An Open Access Publication<sup>[1]</sup> is one that meets the following two conditions:

"The author(s) and copyright holder(s) grant to all users a free, irrevocable, worldwide, perpetual right of access to, and a license to copy, use, distribute, transmit and display the work publicly and to make and distribute derivative works in any digital medium for any responsible purpose, subject to proper attribution of authorship<sup>[2]</sup>, as well as the right to make small number of printed copies for their personal use.

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**Dr. Bodart Jean-Francois, Ph. D.**Lille University of Science and
Technology, France

"Current Synthetic and Systems Biology enabled me to express points of view regarding emerging concepts in developmental biology. To my opinion, Current Synthetic and Systems Biology shall provide an integrative perspective in the field of biology. Such journal must promote to a broad audience the access towards new paradigms and concepts. Results in the field of Synthetic and Systems Biology Combining may be perceived as abstracts. Combining reviews, commentaries and articles will allow to get a more concrete perception of the results of our community. Up to now the community of synthetic biology seems to be more active, thus, more have to be done to provide in integrative and systems biology."

<sup>[1]</sup> Open Access is a property of individual works.

<sup>[2]</sup> Community standards, rather than copyright law, will continue to provide the mechanism for enforcement of proper attribution and responsible use of the published work.

#### THE Open Access MOVEMENT - A Comprehensive Outlook

In recent times, there has been a lot of debate on the implementation of Open Access for scientific publications. Keeping this in mind, a comprehensive outlook on Open Access and its impact on scientific community is being provided in this article.

Open Access should be seen as a means of accelerating scientific discovery by providing free and unrestricted access of scientific knowledge via the Internet. An essential role of Open Access is the long-term preservation of peer-reviewed scholarly journal articles and research data. Open Access is not only used for journal articles but is also being implemented to theses, scholarly monographs, and book chapters. Promotion of Open Access is very crucial to encourage innovation, socio-economic development, and flow of knowledge around the world. As such, Open Access can be defined as an instrument ultimately used for public welfare to stimulate the growth of global science, as well as maintain the quality of scientific achievements.

Restricted access to research findings and scientific discovery through subscription and pay-per-view journals will only impede communication through the scientific community. In addition, restricted access can also hamper the education and dissemination of scientific knowledge to the aspiring younger generations who are keen to pursue a career in science. Increased productivity and development of science can only be achieved by diffusing knowledge and providing the facilities for creating permanent repositories such as Open Access.

Through Open Access publications, scientists can avoid subscription fees, copyright and licensing restrictions to access scholarly literature. Since Open Access publishing allows the permanent restoration of scientific data through digital copies, other than the constraint of Internet access, scientists around the world can freely share information and collaborate to enhance the progress of science. OpenAccess journals not only give royalty to free literature, but also reduce costs for papercopy production, physical storage, and distribution through digitalized copies.

The benefits of implementing Open Access are reaped by many end users, such as, students, researchers, clinicians, patients, policy makers, and journalists. As long as there is Internet access, people from all over the world, be it an underdeveloped country in Africa, a developing country like India or developed countries such as USA or UK, will have immediate access to latest research findings. Thus, Open Access initiative helps in unlocking the traditional methods of subscription articles and releasing information to tertiary level readers, who normally would not have access to first hand research studies.

Realizing the potential of Open Access in terms of greater visibility within and beyond the scientific community, in recent years, there has been a tremendous boost to Open Access movement through various Open Access publishers. OMICS is one such publishing group that believes in this movement and is most ardently working towards the welfare and progress of scientific community. OMICS International is built upon the principles of Open Access and is determined to provide free and unrestricted access of research articles to scientists around the world for the advancement of science and technology.



**Dr. Vasiliki E. Kalodimou, Ph.D.**IASO Maternity Hospital of Athens,
Greece

"Cardiovascular Pharmacology: Open Access Journal, a broad-based journal was founded on two key tenets: To publish the most exciting researches with respect to the subjects of Cardiovascular Pharmacology. Secondly, to provide a rapid turnaround time possible for reviewing and publishing and to disseminate the articles freely for research, teaching and reference purposes.

Cardiovascular Pharmacology: Open Access Journal is available at the click of the button, curtsey the Internet resulting in a worldwide audience that will lead to an increase visibility and impact of published work."