

Introductory Editorial

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I am pleased to announce the launch of *Signal Transduction Insights*, a new peer reviewed open access journal published by Libertas Academica.

Signal Transduction Insights covers all aspects of signal transduction, from molecular and intracellular to intercellular levels. The journal integrates research from various areas of biology and its applications in health. We welcome high-quality research in the area of normal and abnormal signal transduction. This includes, but is not limited to, signalling systems involved in cell communication, cell growth and cell cycle control, cell differentiation, cellular senescence, cell death as well as relevant mechanisms controlling gene expression. Included is also research on signalling events related to functions of stem cells, carcinogenesis and cancerous stem cells. Of significant interest is research aimed at further understanding disease-related aberrations in signalling pathways and the fast-growing area of signal transduction therapy.

Signal Transduction Insights will be competing head-on with a number of existing subscription-based journals. However, a niche for the new journal clearly exists, since *Signal Transduction Insights* will publish articles accessible to all internet users throughout the world, without any access boundaries. This freedom is coupled with rigorous, fair and prompt standards of peer review. Peer review is undertaken by at least two leading experts in the field.

Signal Transduction Insights is published exclusively online. Articles will follow a consistent format so that the visual impact will be high and equal to that of the best hard-copy publications. In contrast to paper-based journals, however, the electronic format allows the full use of digital technologies and permits the inclusion of large data sets, from field and laboratory studies, links to other web pages, animations, slide shows, video clips and unlimited colour, all at no additional charge. Open access means that all articles are freely available to all, worldwide, and at no cost to the reader. Authors retain copyright of their work and can grant anyone the right to reproduce and disseminate it, provided that it is correctly cited and no errors are introduced, under the Creative Commons “CC-BY” licence.

In hard-copy journals, the costs of publication are met by subscriptions, paid by the reader. In *Signal Transduction Insights*, as in other open access journals, these costs are borne by the author in the form of a publication processing fee. Many grant-awarding bodies recognise the value of open access publishing by allowing their funds to be used for PPFs. However, fee waivers and discounts are available on a case-by-case basis, and we shall make every effort to ensure that lack of funds does not impede the overall objective of publishing the best science, irrespective of authorship or country of origin.

I do not foresee that open access, online journals will totally replace the traditional print format in the immediate future, although this may be an increasing trend with time. I am certain, however, that the benefits of online publication, and the extra opportunities that digital technologies give to authors, will be increasingly recognised. Open access is of huge benefit to the researchers working in institutions around the world where institutional libraries are unable to afford subscription fees for a full range of journals.

I am confident that *Signal Transduction Insights* will attract manuscripts of the highest quality, which are of the greatest possible benefit to readers of the journal.

For further information on what we hope will be an exciting and highly useful new journal, please click on the “about this journal” links on the journal’s web page.

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