Natural Sciences is debuting

Bretislav Friedrich¹, Marianne Bronner², Gerard Meijer³, and Vivian Yam⁴

¹Fritz Haber Institut der Max-Planck-Gesellschaft

³Fritz-Haber-Institut der Max-Planck-Gesellschaft

November 11, 2020

Editorial: Natural Sciences is debuting

"There's a way to do it better - find it." -Thomas A. Edison

Welcome to Wiley's new flagship journal, *Natural Sciences*. Our aim is to meet the challenge of publishing top-tier papers in an open-science environment and thereby contribute to innovating the ways scientists communicate with one another and with society at large. We encourage you to partake in this transformative endeavor.

Natural Sciences is an inter- and multidisciplinary journal that publishes outstanding research from the global community spanning biology, chemistry, and physics and their interfaces, as well as seminal works from related fields such as engineering and biomedical research. The journal's aspiration is to promote the sharing and hybridization of disciplinary perspectives and thereby to foster crossing of the traditional boundaries that have previously separated disciplines. The journal will feature Research Articles of all lengths and formats, Commentaries, and Reviews, as well as Editorials, Highlights, Book Reviews, and News items.

In contrast to many other high-ranking "elite" journals, *Natural Sciences* is run by practicing academic scientists who will treat submitted papers just like they wish their own papers would be treated – fairly, quickly, and without bias. That's why our tagline reads *A Journal of, by, and for scientists*.

By embracing open science, *Natural Sciences* will promote the global scientific community's shared goal of enriching society with freely accessible prime scientific research. With open-science in general and open-access publishing in particular, the cost of scientific publishing will be carried by funding agencies or research institutions, and not the reader. Subscription-model-based academic publishing will be relegated to the sidelines, and scientific publications made freely accessible and re-usable for all.

Moreover, Natural Sciences supports the cultural changes in the research community that call for increased transparency and openness in communicating and sharing the results of scientific research. Open science encompasses not only open-access publishing but also open peer review and sharing of primary scientific data. These, along with reviewer recognition, are key innovations effecting such a transformation and will be espoused by Natural Sciences .

In developing the concept of *Natural Sciences*, we worked closely with Wiley to ensure efficient editorial practices. Wiley's international network of experienced professionals steeped in scientific publishing are there for us 24/7. Together, we are committed to open-science publishing that is timely and rigorous – and to embracing open-science innovations in the process.

The ideas and values that led us to envision *Natural Sciences* are summarized in our *Manifesto* [link to https://onlinelibrary.wiley.com/page/journal/26986248/homepage/manifesto].

²Caltech

⁴University of Hong Kong

Natural Sciences is now open for submissions [link to https://mc.manuscriptcentral.com/naturalsciences]. The Article Processing Charge (APC) will be waived during the first two years.

Looking forward to your submissions,

Bretislav Friedrich, Executive Editor

Marianne Bronner, Chief Biology Editor

Vivian Yam, Chief Chemistry Editor

Gerard Meijer, Chief Physics Editor [link all the names to https://onlinelibrary.wiley.com/page/journal/26986248/homepage/board]