



Chinese Medical Sciences Journal: Monographic Call for Paper  
2022 Volume 37 Issue 3

## Scientific Data Openness and Innovative Applications

Open science has emerged as a global trend. The past few years have witnessed the rapid advances in big data in healthcare and bioinformatics, and data-driven scientific research has become a brand-new paradigm in medical sciences. Scientific data play key roles in biomedicine, covering a wide range of regions and disciplines including system biology, new drug discovery and development, artificial intelligence in medicine, as well as clinical data integration and standardization. They are also of utmost importance to the prevention, diagnosis, control, treatment, and rehabilitation of a variety of diseases.

Chinese Journal of Medical Sciences, an official publication of Chinese Academy of Medical Sciences, in cooperation with [National Population Health Data Center \(NPHDC\)](#), now calls for articles on the theme of Scientific Data Openness and Innovative Applications. The monographic focuses on topics of the latest developments in scientific data openness/sharing, platform construction, biomedical data governance, high-quality shared datasets, and high-standard researches based on globally shared scientific data, aiming to promote the sharing and utilization of scientific data in biomedicine, and facilitate the use of scientific data in scientific and technological innovations.

### Guest editorial board

Zhu Yunping	Beijing Proteome Research Center
Yuanbai Li	Institute of Information on Traditional Chinese Medicine/Library, China Academy of Chinese Medical Sciences
Di Dong	Institute of Automation, Chinese Academy of Sciences
Xiaolin Yang	Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences (CAMS)
Jiao Li	Institute of Medical Information, CAMS
Ailin Liu	Institute of Materia Medica, CAMS

### Article types

- Original articles: researches performed based on global public open datasets and on the theories and methodologies of system biology
- Data papers: Articles that thoroughly describe high-quality datasets.
- Perspectives, opinions, and commentaries: Valuable opinions or comments on the

openness/sharing, management, application, challenge, ethics, policy, and many other aspects of scientific data in biology and medicine.

## **Manuscript requirements**

- The datasets and the data-based research must be original and have not been published in other Chinese- or English-language journals;
- The article must be demonstrated to be scientific, innovative, practical, and readable;
- Research involving human subjects and animals must follow the requirements of biomedical ethics;
- Datasets and databases must be real and valid and are reasonably cited;
- English-writing must be professional and proficient.

## **Editorial processing**

- Our journal adopts double-blind peer review for all manuscripts, in line with our publication standards and norms.
- A fast-track process will be set for all the themed articles. Authors will be informed whether their articles have been accepted or not within 2 months after the submission, and the article will be published online 2 weeks after it is accepted.

## **Submission**

Please submit your manuscript online through the Author Center. Please refer to the [Instruction for Authors](#) and [Data Article](#) for details.

## **Important dates**

- Submission deadline: June 15, 2022
- Publication date: September 30, 2022

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