

Special Issue

Data Management in Life Sciences

Message from the Guest Editor

The increasing volume and complexity of scientific data have made effective data management a cornerstone of reproducible, collaborative, and impactful research. This Special Issue aims to explore current advances in data management practices, with particular focus on interoperability, metadata quality, and the implementation of FAIR (Findable, Accessible, Interoperable, Reusable) principles. Close attention will be paid to tools and frameworks that address challenges across the data lifecycle, from acquisition and curation to sharing and reuse.

We welcome contributions presenting practical solutions, case studies, and policy-aware systems with demonstrable real-world impact in the fields of life sciences, health, environmental research, and beyond. Researchers, data stewards, and infrastructure developers, particularly those engaged in large-scale, cross-border initiatives, are all eligible to participate. Together, we aim to showcase how careful, standards-driven data management can drive scientific excellence in a sensitive, secure, and scalable manner.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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