

Special Issue

Unlocking Environmental Genomics and Transcriptomics: Advancements in Environmental DNA and RNA

Message from the Guest Editor

Environmental DNA and RNA (collectively, environmental nucleic acids or eNA) are powerful emerging tools for molecular ecology that have shown great promise over the previous decade for advancing our collective knowledge about the structure, function, and dynamics of aquatic ecosystems; however, the true potential of eNA has yet to be unlocked. As such, this Special Issue aims to publish articles and rapid communications including original research, novel methodologies, and in-depth reviews that will improve the sampling, processing, and/or (meta)genomic/(meta)transcriptomic analysis of eNA. Research areas may include (but are not limited to) the following:

- Development of ground-breaking eNA methods (particularly eRNA);
- Advancements in the sequencing of eNA (including single-cell sequencing);
- Elucidation of the structure, function, and diversity of cell-bound and cell-free eNA;
- Monitoring ecosystem health or biodiversity in response to anthropogenic stressors;
- Assays for health, stress, infestation, and disease monitoring in aquaculture systems.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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