

Special Issue

Cellular Structural Biology

Message from the Guest Editor

The possibility of describing a complete and intact cell with sufficient resolution so as to define its structural components in a fully quantitative way is a major goal in life sciences, with obvious impact on health and on the design of new biomaterials. In this context, cryo-soft X-ray tomography represents an interesting technique to retrieve information at nanometer resolution, covering full cellular volumes near to native state. Indeed, the high resolution of this technique allows the visualization of the structural organization of cells, their membranes, compartments, organelles and supramolecular assemblies, which makes this method one of the most exciting alternatives to image complete biological cells. To reflect these advances, the *International Journal of Molecular Sciences* has designed a Special Issue that is accepting contributions with an emphasis on biophysics, imaging and structural biology, and their integration to provide a view of the cell at multiple scales.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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