

Special Issue

Combined and Correlated Microscopy for Structure-Function Biology

Message from the Guest Editors

Many essential biological questions in contemporary cellular biology are based on information obtained by the use of various microscopy techniques. While separate entities characterized by individual features, the use of multiple imaging approaches is increasingly more often viewed as deeply complementary. Technological innovations in imaging techniques, labeling tools and functional fluorescent probes have powered the development of a series of hybrid approaches, allowing correlating functional fluorescence microscopy data and ultrastructural information from a structure–function singular event. In this Special Issue, we aim to examine several currently available examples of hybrid microscopy attaining correlative approaches in light and electron microscopy, and discuss their potential and limitations with respect to structure–function applications.

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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