

Special Issue

Visualizing 3D Embryo and Tissue Morphology—A Decade of Using High-Resolution Episcopic Microscopy (HREM) in Biomedical Imaging, Volume II

Message from the Guest Editors

HREM is a digital volume data generation technique that offers near-histological detail in virtual 3D data of whole embryos of biomedical model organisms as well as small tissue samples. Introduced over 10 years ago, the HREM user community is steadily growing, and employs the method for phenotyping genetically engineered mouse embryos, biomedically challenged chick embryos and embryos of several other model organisms, as well as normal and pathological tissue samples of adult biomedical models and humans. Quite recently HREM also found its way into multimodal imaging pipelines, providing for the holistic visualization of normal and pathologic morphology and physiology of organisms at all levels of resolution. We invite authors to submit review articles focusing on applying HREM in various fields of biomedical research.

Guest Editors

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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