

Special Issue

Decoding the Complexity of Angiogenesis: Insights into Vascular Formation and Disease

Message from the Guest Editor

Angiogenesis, in the strictest sense, is defined as the physiological process of vessel formation from the pre-existing vasculature. However, it is important to note that angiogenesis and vasculogenesis occur during embryonic development and in physiological and pathophysiological conditions. Angiogenesis is a fascinating fundamental biological process involving the interplay of different cell types and signaling molecules, and it is an extremely relevant therapeutic target under multiple disease conditions. The present Special Issue of *Cells*, entitled “Decoding the Complexity of Angiogenesis: Insights into Vascular Formation and Disease”, aims to publish high-quality original research and reviews dealing with this fascinating topic. Key themes that will be explored within this Special Issue include mechanistic insights into cell–cell interactions, molecular downstream mechanisms, pathophysiologically relevant models, and mechanisms of developmental angiogenesis. Furthermore, translational approaches relevant to diseases with modified angiogenesis are highly appropriate.

Guest Editor

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About the Journal

Message from the Editorial Board

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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