

## Special Issue

# Vascular Endothelial Functions in Health and Diseases

### Message from the Guest Editors

This Special Issue provides a comprehensive review of the rapidly expanding field of vascular biology. The vascular endothelial cell layer separates blood from underlying tissue, thereby exerting multiple functions including control of vascular tone and hemodynamics, participation in blood clotting, modulation of immune reactions, triggering angiogenesis, and exchange of substances between blood and tissues. Therefore, endothelial dysfunction or damage is a cause of several human pathologies such as chronic wounds, cardiovascular diseases, diabetes, cancer, lung and brain injury, and infectious diseases, including COVID-19. Advancement in endothelial protection and correction of endothelial dysfunction requires the identification of the key molecules that participate in signaling cascades, metabolic health, and macromolecule interaction networks in endothelial cells. Some of these molecules are predicted to gain pharmacologic value in emerging vasculoprotective therapies.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 November 2023)



## Cells

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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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