

## Special Issue

# Advanced Research on Tumor Endothelial Cells

### Message from the Guest Editors

Tumor blood vessels supply the tumor with oxygen and nutrients and provide a gateway for tumor metastasis; thus, tumor progression depends on angiogenesis. Since the approval of the first antiangiogenic drug, bevacizumab, tumor endothelial cells (TECs) have been considered “the second most important target for cancer therapy”. Antiangiogenic drugs have shown their benefit when used in combination with chemotherapeutic drugs. However, it has been reported that these drugs have several issues that need to be overcome, such as side effects and drug resistance. Recent studies have elucidated that TECs differ from normal endothelial cells (NECs) both morphologically and physiologically, contrary to previous presumptions. Additionally, it has been reported that TECs are not homogeneous and constitute a heterogeneous population. To develop novel cancer therapy, it is important to study TECs. This Special Issue focuses on tumor endothelial cell biology and discussing the consequence of their altered phenotypes.

### Guest Editors

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