



Multimodal Interdisciplinary Approach of Tumor Vasculogenesis and Angiogenesis in Oncology

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Message from the Guest Editor

The observation of tumor vasculature dates back to ancient times. The main topics are as follows:

1. Tumor endothelial cells heterogeneity and its impact on tumor angiogenesis and vasculogenesis.
2. Molecular characterization of cells initiating tumor vasculogenesis.
3. New innovative experimental models for the study of tumor angiogenesis and vasculogenesis.
4. Chemotherapy and radiotherapy as friends or foes of tumor angiogenesis and vasculogenesis.
5. Malignant cells involvement in tumor vasculogenesis.
6. Tumor stroma immune microenvironment and its modulation related to tumor angiogenesis and vasculogenesis.
7. New radiologic research techniques for in vivo study of tumor angiogenesis and vasculogenesis and for targeting tumor vessels.
8. Nanotechnology, tumor angiogenesis and vasculogenesis.
9. Artificial intelligence, tumor vasculogenesis and angiogenesis.
10. Pathologist role in the assessment of tumor angiogenesis and vasculogenesis by conventional immunohistochemistry and digital image analysis and its impact on initial preliminary diagnosis.





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Message from the Editor-in-Chief

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