

Special Issue

Angiogenesis and Lymphangiogenesis: From Molecular Regulation to Therapeutic Application

Message from the Guest Editor

Both inhibition and stimulation of angiogenesis are of practical relevance in a broad spectrum of human diseases, which is why molecular mechanisms of normal and pathological angiogenesis are of major importance in order to better understand this process and to create a basis for new drug discovery. Many unclear, undiscovered, and confusing results persist concerning the molecular regulation of both excessive and deficient angiogenesis, and this is the reason we aim to explore the mechanisms of this process. Similar to angiogenesis, there are some known growth factors that stimulate lymphangiogenesis. Opposite to angiogenesis, however, there are no known specific substances that can effectively inhibit lymphangiogenesis in human diseases, and in particular in patients with cancer. Only a few experiments that investigate humanized antibodies against the lymphatic endothelium are currently in progress. Therefore, we strongly encourage the publication of original papers and reviews that could contribute to a better knowledge of these two fascinating processes: angiogenesis and lymphangiogenesis.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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