

Special Issue

Endoglin in Health and Disease

Message from the Guest Editors

Endoglin is a co-receptor for members of the transforming growth factor (TGF)- β family, and is known for its crucial role during developmental- and tumor angiogenesis. Extensive work has shown the important roles endoglin plays in modulating the TGF- β signaling pathway. In cancer, endoglin is extensively studied in relation to tumor angiogenesis. High endoglin levels have been related to poorer prognoses for patients with solid tumors. Consequently, therapies that interfere with the function of endoglin have been developed and (clinically) evaluated. Besides the important role for endoglin in regulating angiogenesis, recent work also shows a more widespread role for endoglin beyond the endothelium. Endoglin expression is also reported on epithelial (cancer) cells, cancer-associated fibroblasts, smooth muscle cells in pathological conditions, and cells of the innate- and adaptive immune system. This Special Issue will bring together the most recent work on endoglin in regulating angiogenesis, but also on its role in non-endothelial cells and the potential of endoglin targeting as a new treatment option in various diseases.

Guest Editors

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