

Special Issue

Vasoactive Peptides in Tumor Microenvironment

Message from the Guest Editors

Numerous peptides participate in the regulation of the cardiovascular system at different levels in the body. Based on structural and functional similarities, they are grouped into two families: 1) vasoconstrictors, such as angiotensin II, vasopressin, neuropeptide Y; 2) vasodilators, such as adrenomedullin, natriuretic peptides, substance P. Vasoactive peptides act as classic hormones, circulating in blood to the targets, or mediate specific effects in a paracrine or autocrine manner. Under pathological conditions, they initiate and maintain maladaptive cellular responses promoting the growth of tumors. Over the last decade, interest in their role in cancer has grown, and strong evidence of their modulatory activity on mitogenesis, apoptosis, angiogenesis, tumor invasion, and development of metastases has been accumulated. Therefore, we invite our colleagues in this field to contribute to this Special Issue by providing research articles or relevant topic reviews on vasoactive peptides and their activities in hematological and not hematological malignancies. We are particularly interested in novel therapeutics, new biomarker studies, genomics, and stem cell research.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2022)



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