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The Role of Short Peptides in Tumor Angiogenesis

Because tumor angiogenesis is one of the most prominent mechanisms driving tumor development and progression, anti-angiogenesis is a potential novel anticancer therapy. But more and more studies found conventional antiangiogenic drugs used alone are clinically ineffective in treating advanced solid tumor because of reasons such as indirectly directed against tumor growth, not specific to cancer cells and so forth. With the increasing understanding of short peptides in tumor angiogenesis, the application prospect of short peptides in anti-angiogenesis has attracted attention gradually. This review will help to better understanding short peptides in the inhibition of tumor angiogenesis.

Keywords: Angiogenesis; Cytotoxicity; Growth factors; Short peptides; Tumor

Biography:

Zoa Bindzi Joseph Bertin Alexis, Very good knowledge in clinical, experimental and molecular pharmacology. Passionate about research, bio-informatics and everything related to therapeutics.