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(54) Title: METHODS FOR CONTROLLING ANGIOGENESIS AND CELL PROLIFERATION

(57) Abstract: The present invention relates generally to methods of inhibiting angiogenesis in a patient by administering an effective angiogenesis-inhibiting amount of a thrombin inhibitor, and to the treatment of disease states that result from uncontrolled cell proliferation by administering a thrombin inhibitor alone or co-administering a thrombin inhibitor with an anticancer or cytotoxic agent. Specifically, the thrombin inhibitors used in the methods of the present invention are hirudins.