

A Novel Method to Detect and Inhibit Angiogenesis

Published date: Feb. 1, 2012

Technology description

Description

Researchers at UC San Diego have discovered a novel method of detecting and inhibiting angiogenesis. In vivo experiments have shown that angiogenesis induced by a wide range of pro-angiogenic factors can be completely or significantly inhibited with antibody, peptide or organic molecule inhibitors of the newly identified target. Because angiogenesis plays a key role in the growth and spread of tumors, neovascular eye diseases, and inflammatory diseases, such as rheumatoid arthritis, this method has great potential as a highly specific therapeutic approach to the management of these diseases.

Institution

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