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Platelet-Derived Growth Factor

National Cancer Institute

Source

National Cancer Institute. *Platelet-Derived Growth Factor*. NCI Thesaurus. Code C20448.

A family of growth factors that act as potent mitogens and are involved in the stimulation of angiogenesis. There are four members of this family (platelet-derived growth factor A, B, C and D) that are characterized by a core motif of eight cysteines. They bind to their cognate receptor tyrosine kinases (platelet-derived growth factor receptor family) as homodimers or heterodimers to stimulate signaling.