

-angiopoietin-1.

-basic fibroblast growth factor (bFGF).

-vascular endothelial growth factor (VEGF) (Nyberg *et al.*, 2005).

Under physiological conditions, angiogenesis is strictly regulated by a host of endogenous promoters and inhibitors of endothelial cell growth.

Table 1 showed various types of endogenous angiogenesis promoters and inhibitors (Scott and Harris 1994)..

Table 1: Endogenesis promoters and inhibitors of angiogenesis.

Promoters	Inhibitors
Vascular endothelial growth factor	Endostatin
Fibroblast growth factor	Angiostatin
Angiogenin transforming growth factors	Platelet factor 4
Angiotropin	Thrombospondin
Tumor necrosis factor	Tissue inhibitors of metalloproteinases (TIMPs)
Platelet-derived growth factor	Prolactin
Granulocyte-colony stimulating factor	Basic fibroblast growth factor soluble receptor
Placental growth factor	Transforming growth factor-beta
Interleuken 8 hepatocyte growth factor	Interferon-alpha
Proliferin	Placental proliferin-related protein
Matrix metalloproteinases	Interleukin 1, 6, 12