Natural Anticoagulant Activity

(Vane & Botting, 1995)

- Discusses how the body uses natural substances, like prostacyclin and antithrombin, to prevent excessive blood clotting.

Fibrinolysis Theory

(Loskutoff & Samad, 2001)

-  Describes how blood clots are naturally broken down by the body's fibrinolytic system, mainly involving plasminogen and plasmin.

Coagulation Cascade Theory (Hoffman & Monroe, 2001)

  - Explains how blood clots form through a cascade of enzyme activations, leading to fibrin formation and clotting.

Comparison with Synthetic Drugs

(Warfarin, Heparin)

- Compares curcumin’s anticoagulant effects with synthetic blood thinners such as Warfarin and Heparin, which are commonly used in medicine.

 Clot Mass/Volume

(Clot Size)

Clothing Time

(Coagulation)

 Clot Lysis Time

(Fibrinolysis)

Curcumin Concentration d (25%, 50%, 75%, 100%)