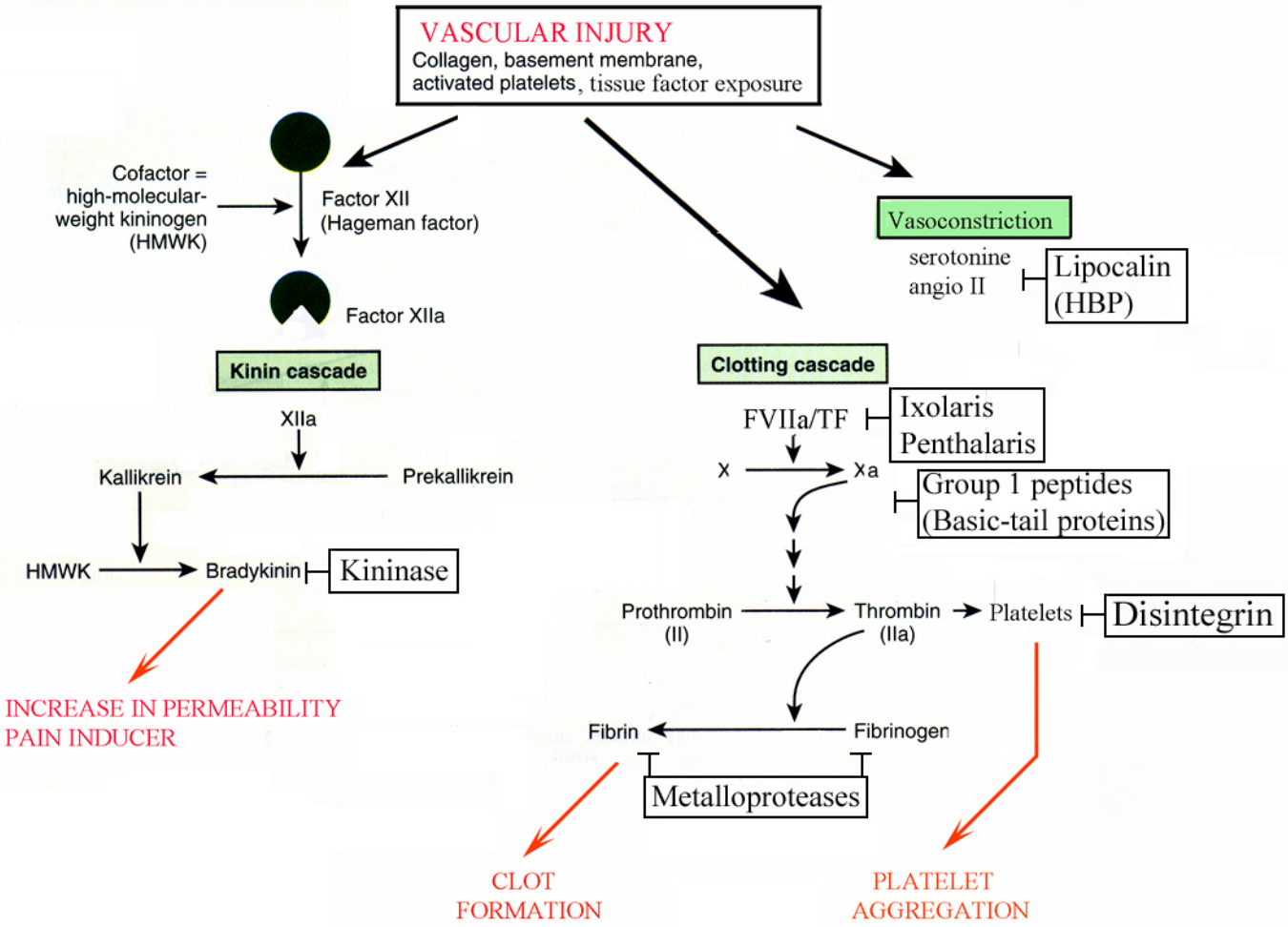
VASCULAR INJURY
Collagen, basement membrane,
activated platelets, tissue factor exposure
Cofactor =
high-molecular-
weight kininogen
(HMWK)
Factor XII
(Hageman factor)
Factor XIIa
Kinin cascade
XIIa
Kallikrein
Prekallikrein
HMWK
Bradykinin
Kininase
INCREASE IN PERMEABILITY
PAIN INDUCER
Vasoconstriction
serotonine
angio II
Lipocalin
(HBP)
Clotting cascade
FVIIa/TF
Ixolaris
Penthalaris
X
Xa
Group 1 peptides
(Basic-tail proteins)
Prothrombin
(II)
Thrombin
(IIa)
Platelets
Disintegrin
Fibrin
Fibrinogen
Metalloproteases
CLOT
FORMATION
PLATELET
AGGREGATION

Figure 11