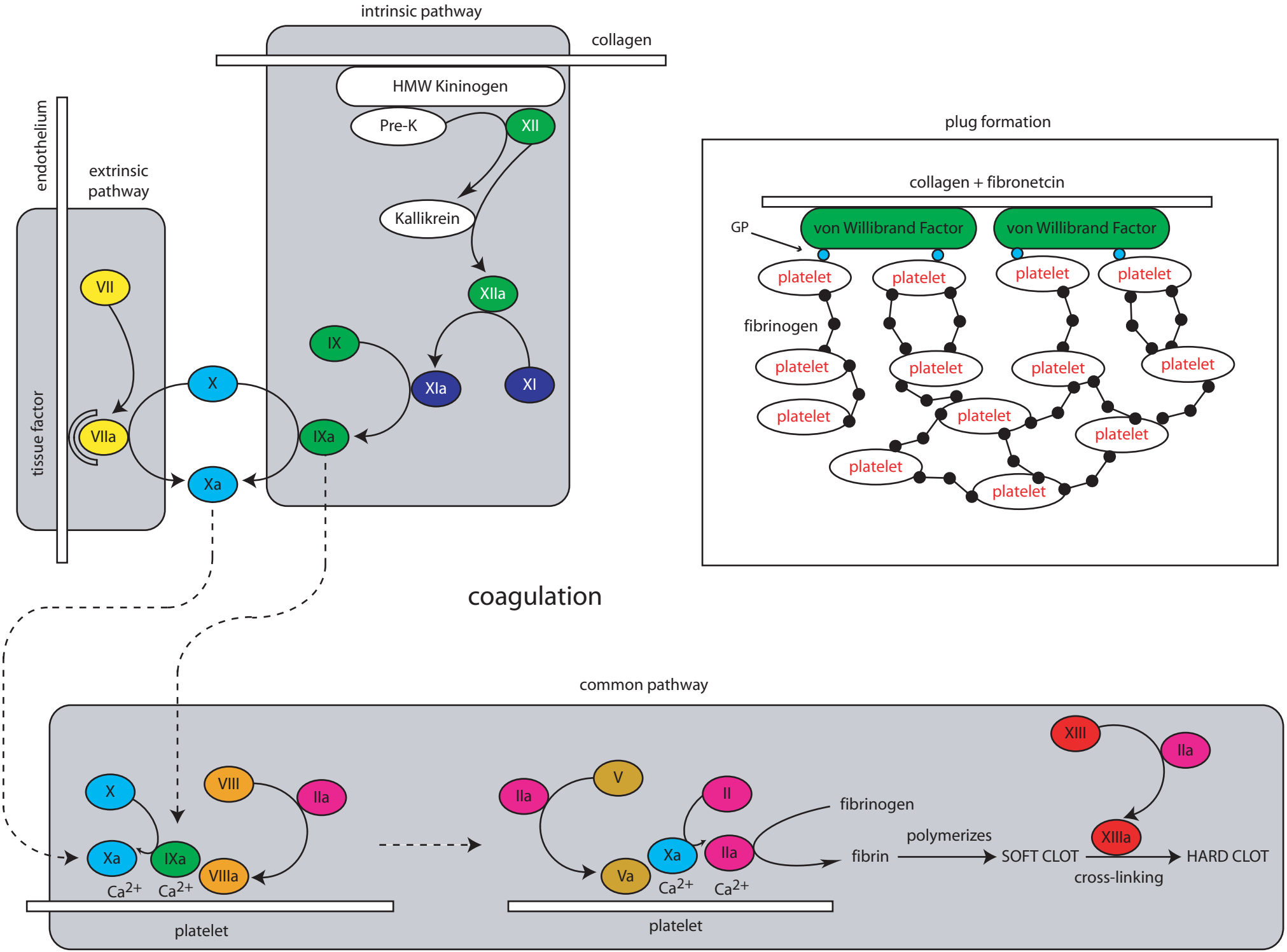
intrinsic pathway
collagen
HMW Kininogen
Pre-K
XII
Kallikrein
XIIa
IX
XIa
XI
IXa
endothelium
extrinsic pathway
VII
VIIa
tissue factor
X
Xa
plug formation
collagen + fibronetcin
GP
von Willibrand Factor
von Willibrand Factor
platelet
fibrinogen
coagulation
common pathway
X
VIII
IIa
Xa
IXa
VIIIa
Ca2+
Ca2+
platelet
IIa
V
II
Va
Xa
IIa
Ca2+
Ca2+
platelet
fibrinogen
fibrin
polymerizes
SOFT CLOT
XIII
IIa
XIIIa
cross-linking
HARD CLOT