

I FG FORMS GUT (F) CNG AF-B34
 II PT II_a → a IV XVII VIII XI XIII C PLAT PT G20810A
 III TF C6F VII_a (=III) PT G20810A
 - THROMBO CLASTIN

IV Ca BIND TO PL
 V PROACCUMIN LATSILE CFX → PROMINISINASE
 VI STABLEF PROCONVENTIN & IX, X
 VII ANIHA CFX → THASEC
 IX — B a X →
 X SWIFT CFX → PROMINISINASE
 XI PRIMA THROMBIN ANTIPT

FIBRINOGEN AT III

PROCOAGULATION

* REMOVE G²³ PROTAGUINID
 INHIBITED BY VITK ANTAGO WANKANIN
 GF

VWF CARRIES / PROTECTS VIII
 4 GLOVES MAKE GR8 CANS
 OLK₂

HMWK = FITTEND
 KALIKREIN → BDK → ACE → VLD → SPERM Y → PAIN

ANTIAGGULATION

Ca → TUNING TRANSFORMOVIN C (EC)

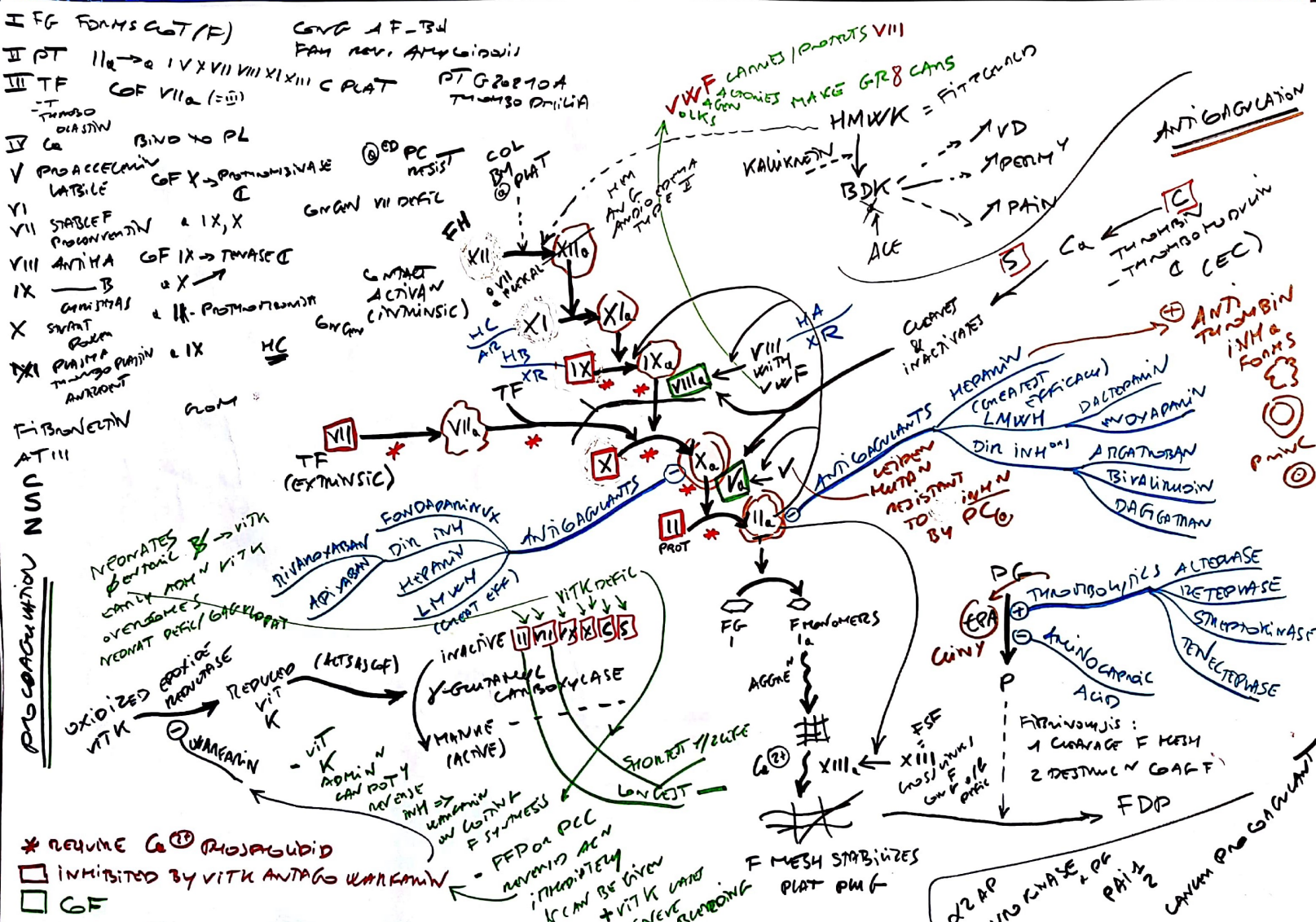
ANTI THROMBIN INH & FORMS
 PMUC

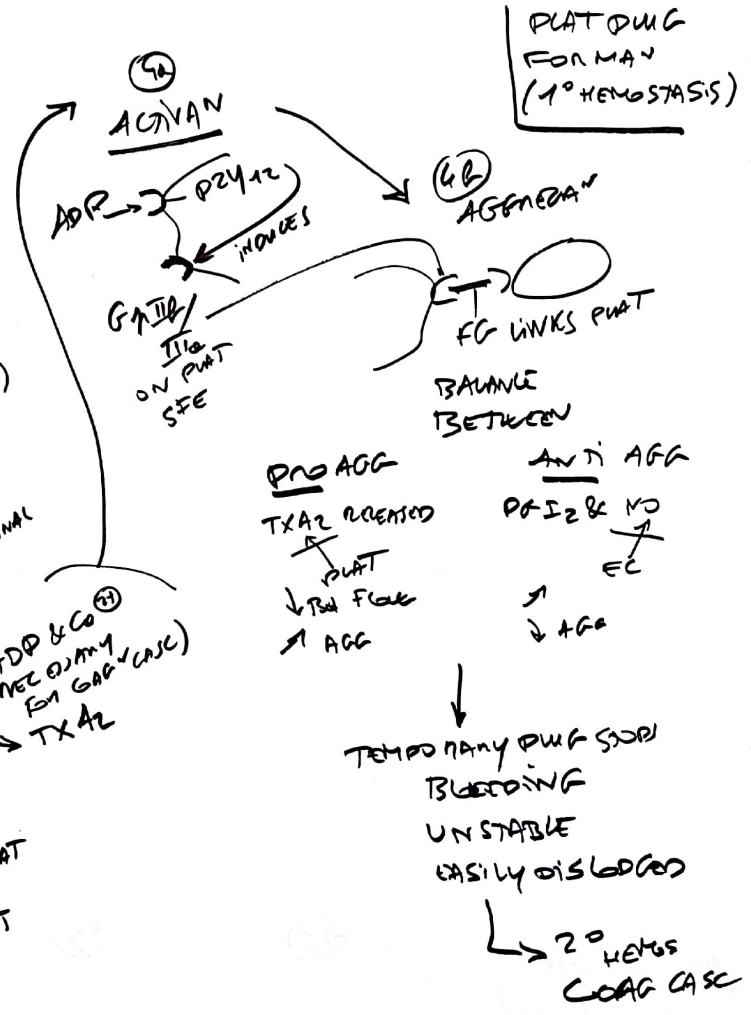
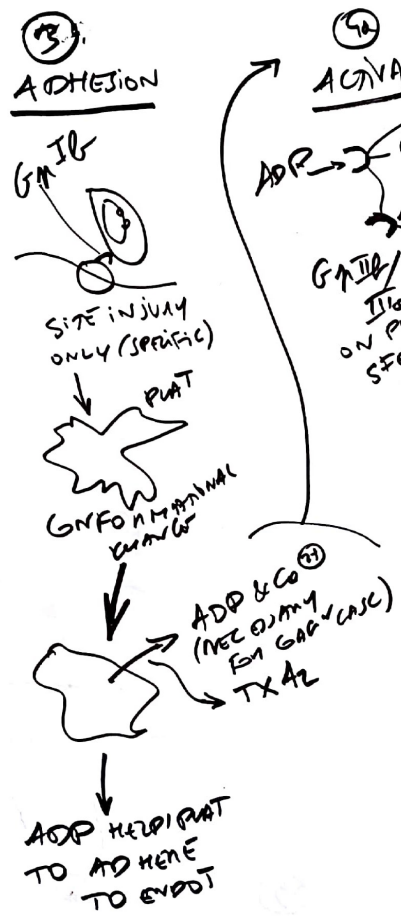
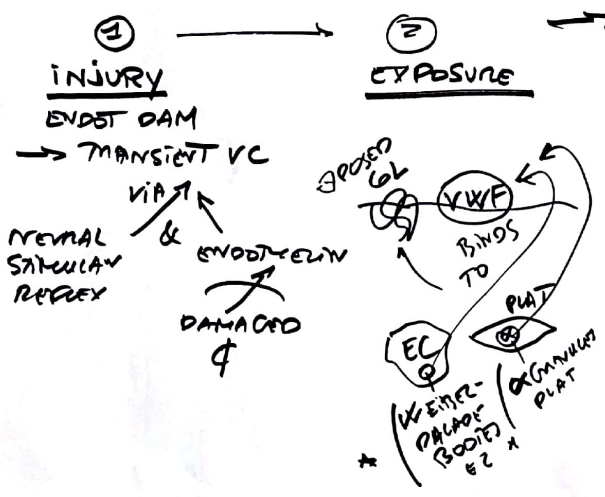
ANTIAGGULANTS
 HEPARIN (GREATEST EFFICACY)
 LMWH
 DALTEPARIN
 ENOXAPARIN
 DII INH⁰⁰¹
 APTAGROBAN
 BIVALENTIN
 DAFI GATHAN

PG → THROMBOLYTICS
 ALTEPLASE
 RETEPLASE
 STRAPTOKINASE
 TENECTEPHASE
 ACID

FIBRINOGENS:
 1 CLEAVE F FISH
 2 DESTROY CAG F
 FDP

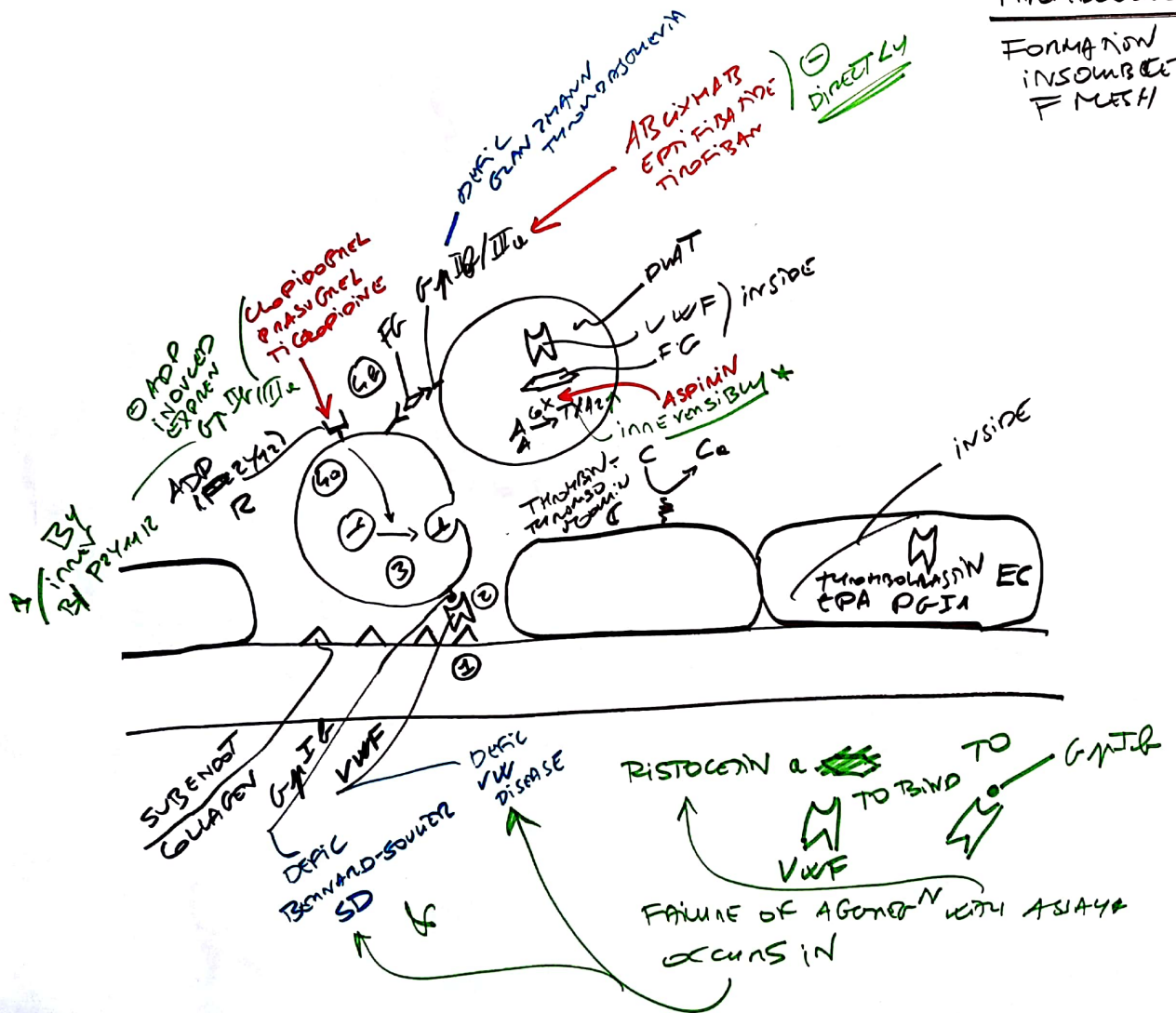
QZAP VIO KINASE + PAIN
 CANUM P₀ GAGUANT

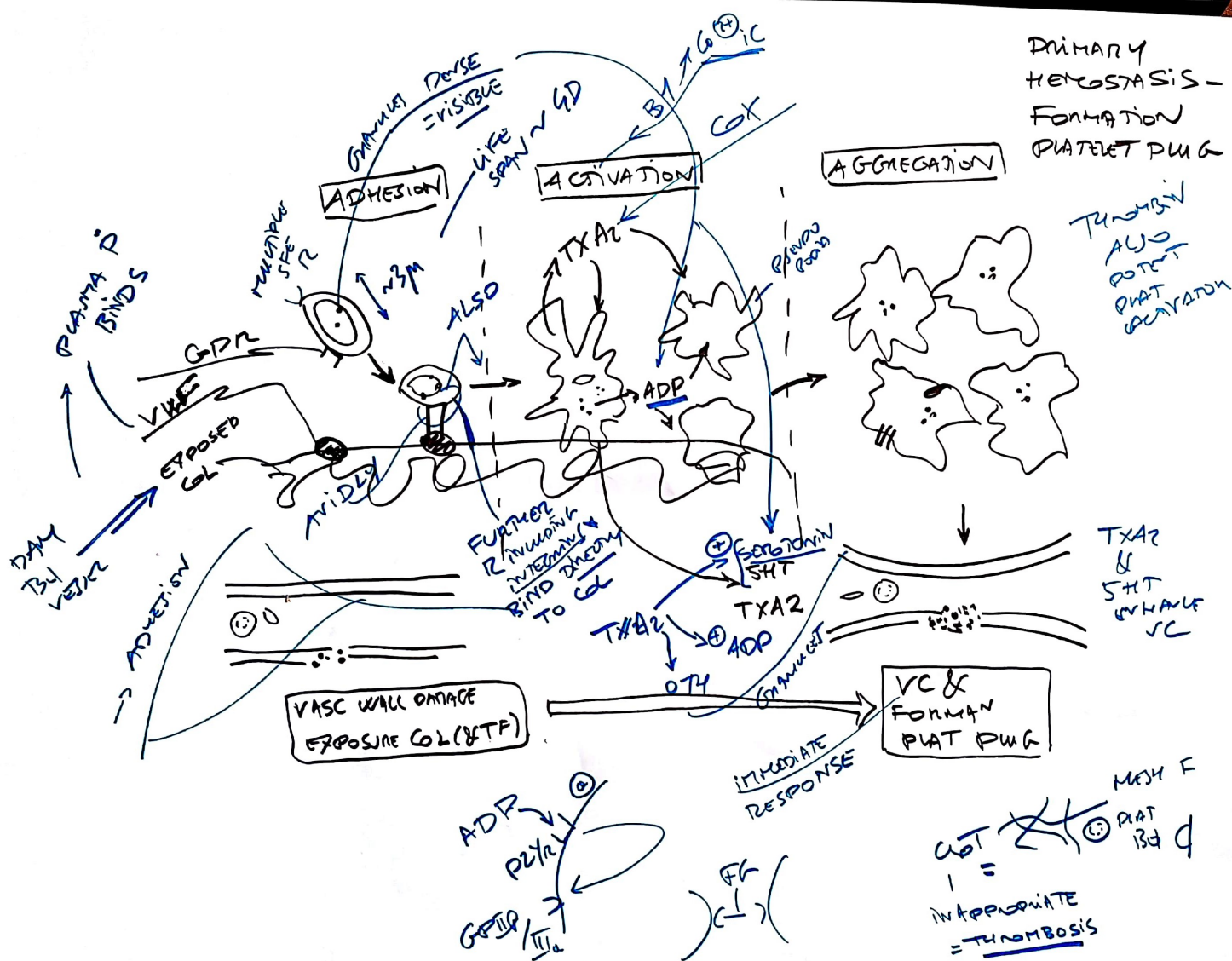




THROMBOGENESIS

FORMATION
INSOLUBLE
FIBRIN





FORMATION
 TSD CLOT GAGULAN

PGT
 CLOTTING
 F
 LIVER REQUIRED
 WITH

MANY
 THROMBIN IIa
 X
 requires Ca²⁺

DAMAGED
 ENDOT
 PLASMA

DAMAGED
 ENDOT
 FIBROBLAST

TF
 BEARING

① INITIATION

② AMPLIFICATION

ACTIVATED
 PLAT

CELL-BASED
 MODEL OF CLOTTING
 ACTIVE

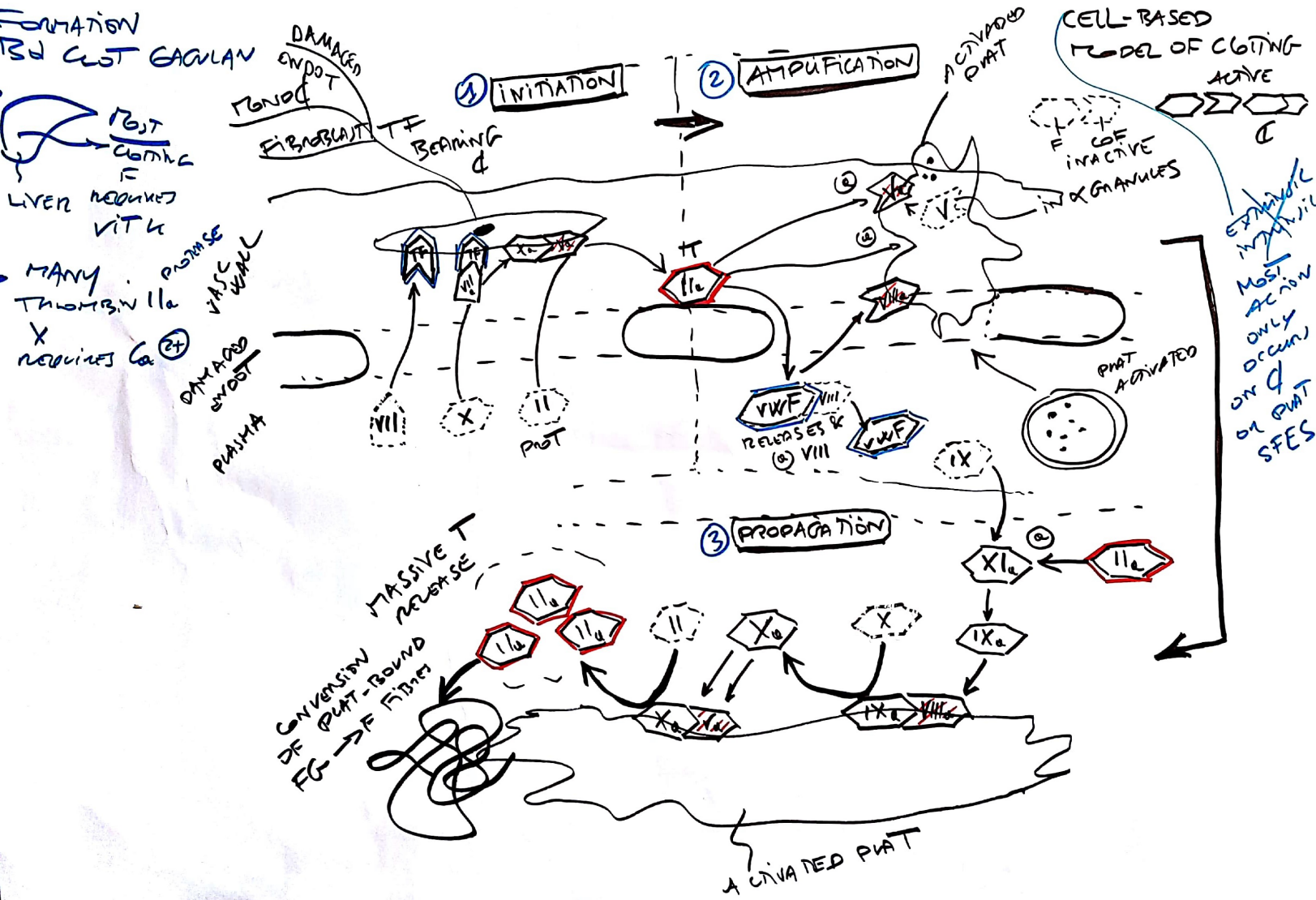
F
 COF
 INACTIVE
 IN α GRANULES

EXTRINSIC
 PATHWAY
 MOST
 ACTION
 ONLY
 OCCURS
 ON d
 OR PLAT
 SFES

③ PROPAGATION

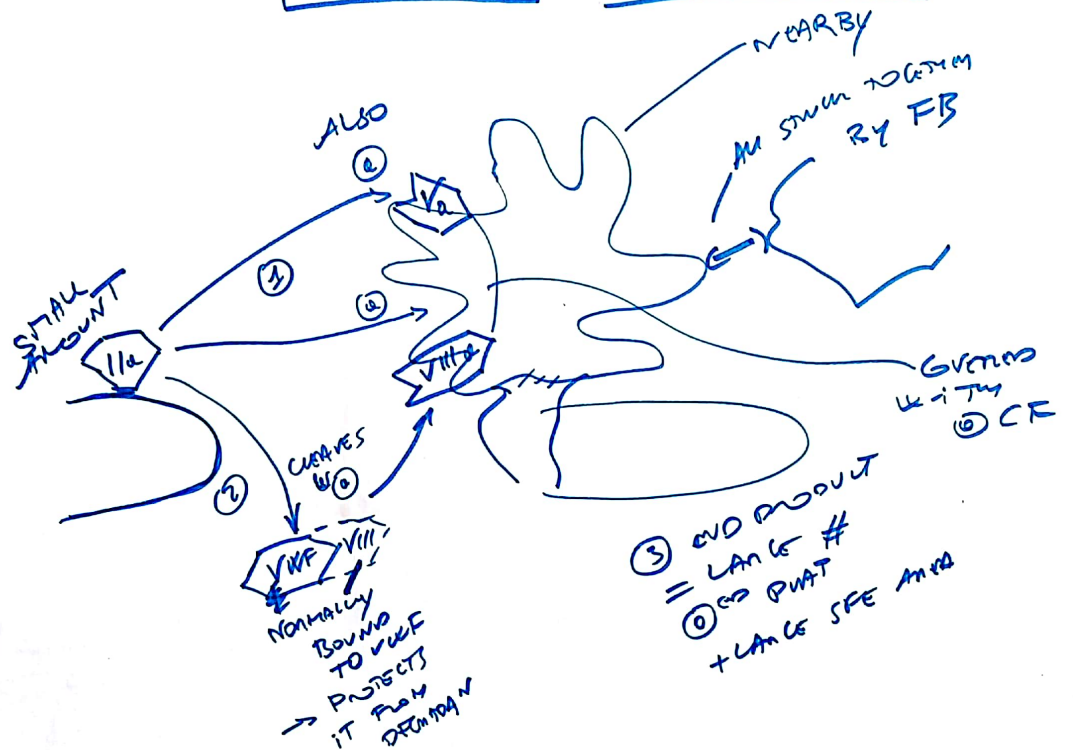
MASSIVE T
 RELEASE
 CONVERSION
 OF PLAT-BOUND
 FG → F FIBRES

A CLOTTED PLAT

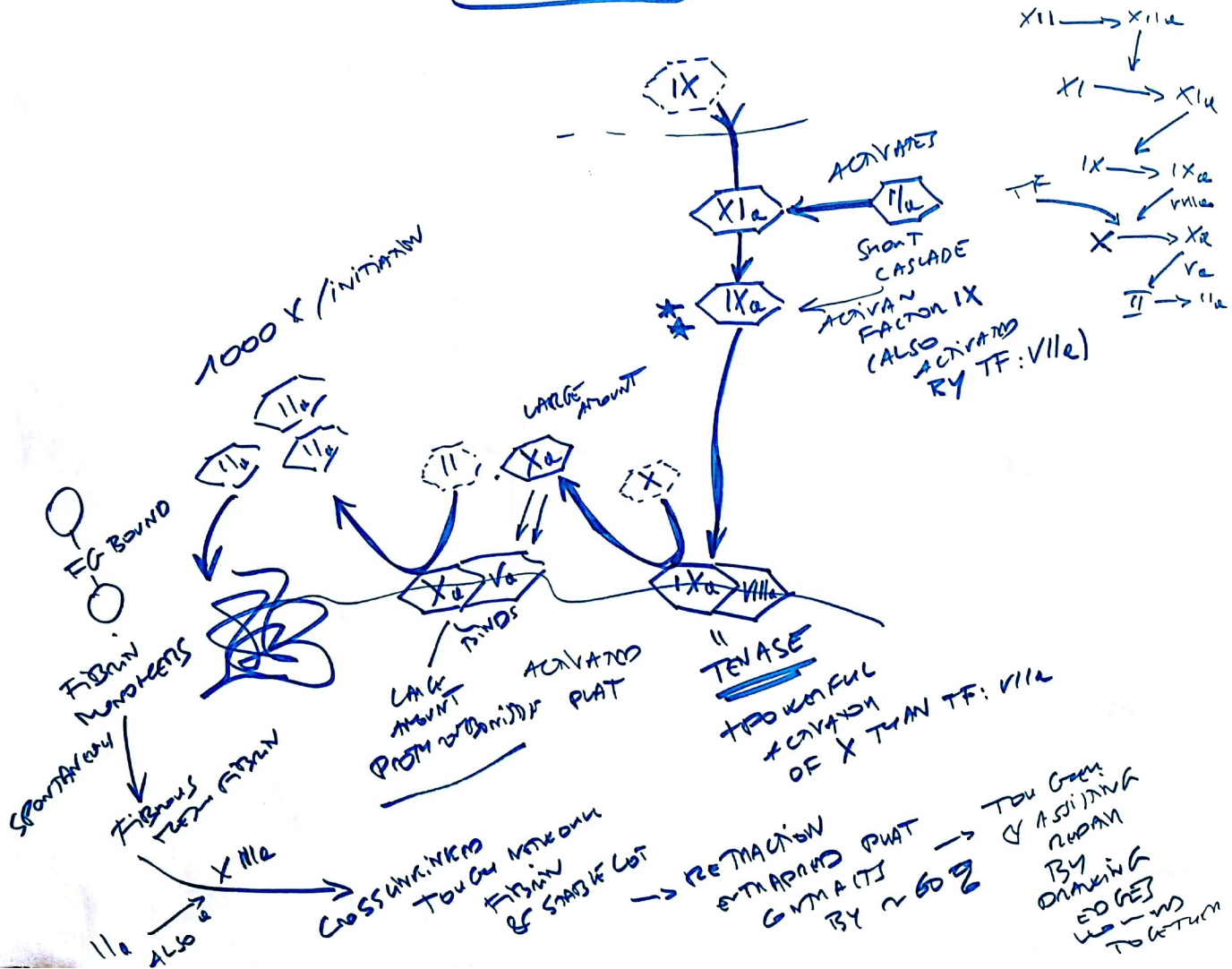


AMPLIFICATION

ON SFE PLATELETS



PROPAGATION



INHIBITORS
HEMOSTASIS
& FIBRINOLYSIS

$T \rightarrow \textcircled{+}$ & IS PRODUCED
= POSITIVE FEEDBACK
UNSTABLE

Fibrin - Plasminogen
tPA

PLASMIN

dr. plasmin

$AT \rightarrow \textcircled{+} T$
Xa
TELEASE
STIMULATED
BY HEPARIN
& HEPARANS
ON

THROMBIN
BINDS
EC
GNETI

PROSTACYCLIN
& NO
EC
UNDAMAGED

IMPAIRED
ADHESION
& GRAFT

$C \rightarrow Ca \rightarrow S$
V2
VILLO
TELEASE & PROTHROMBINASE