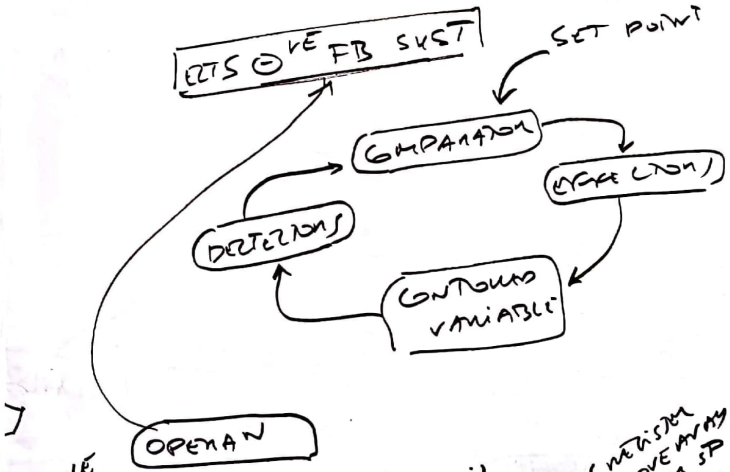
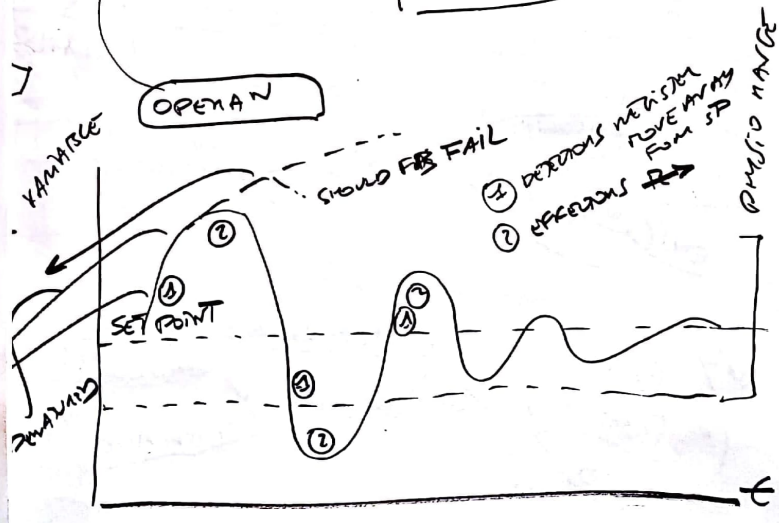
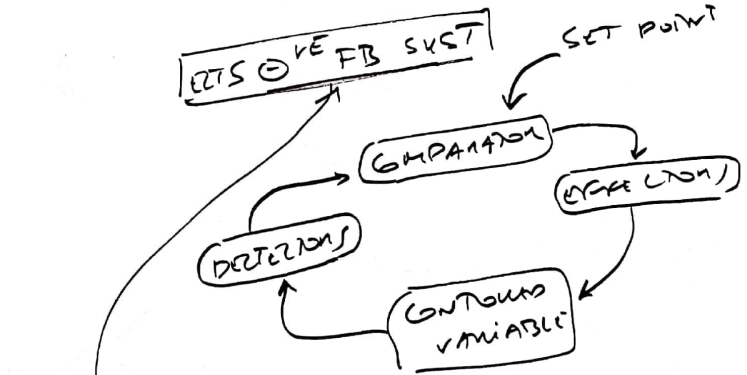
PHYSIOLOGY AT A GLANCE 3E

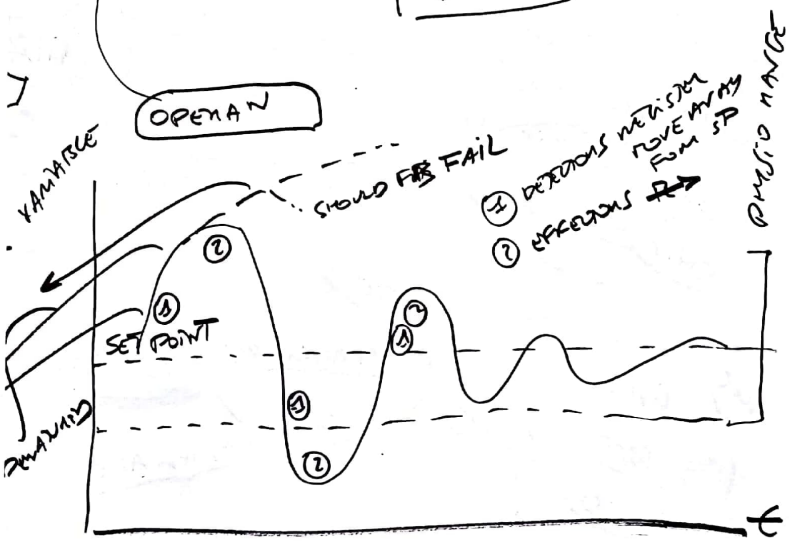
1 HOMEOSTASIS & PHYSIOPAT



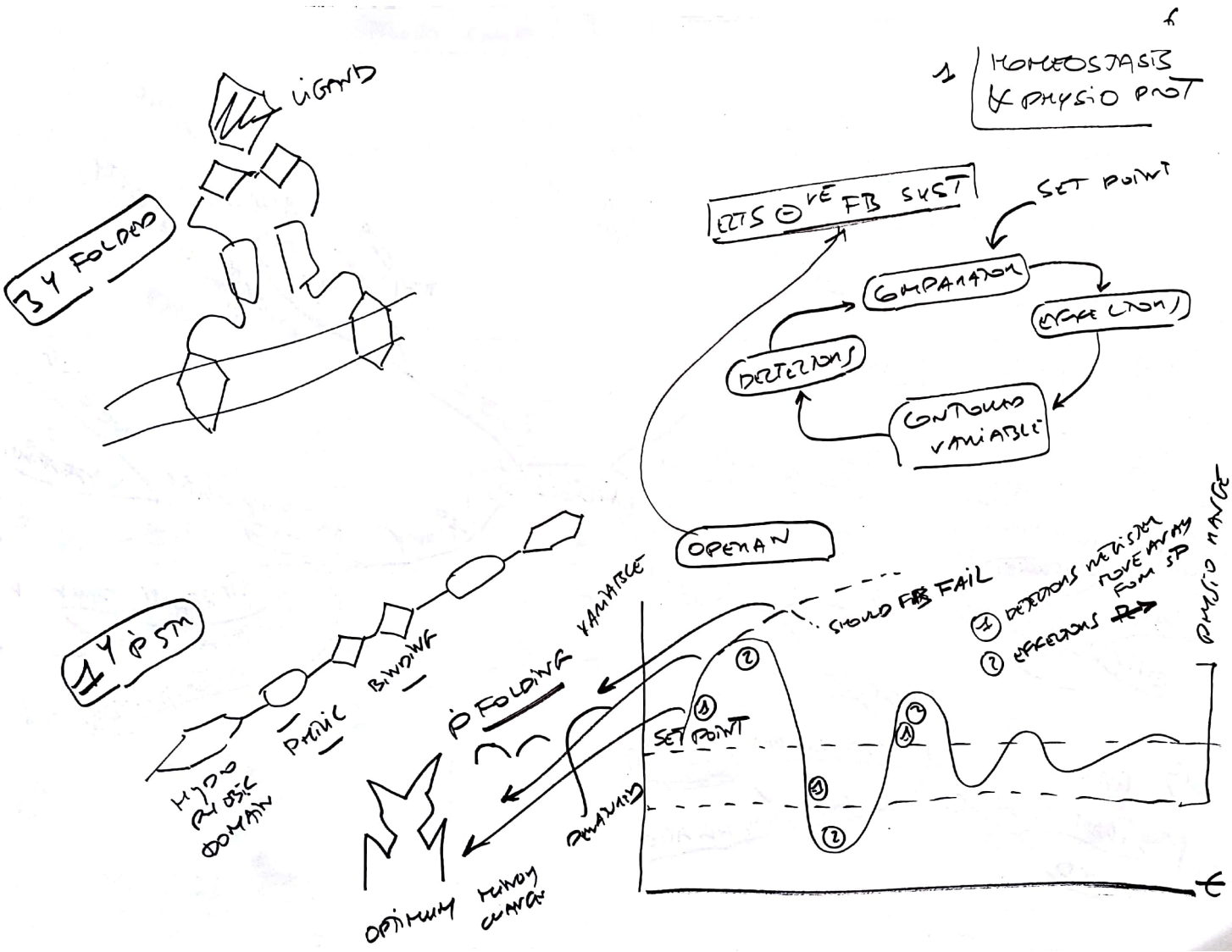


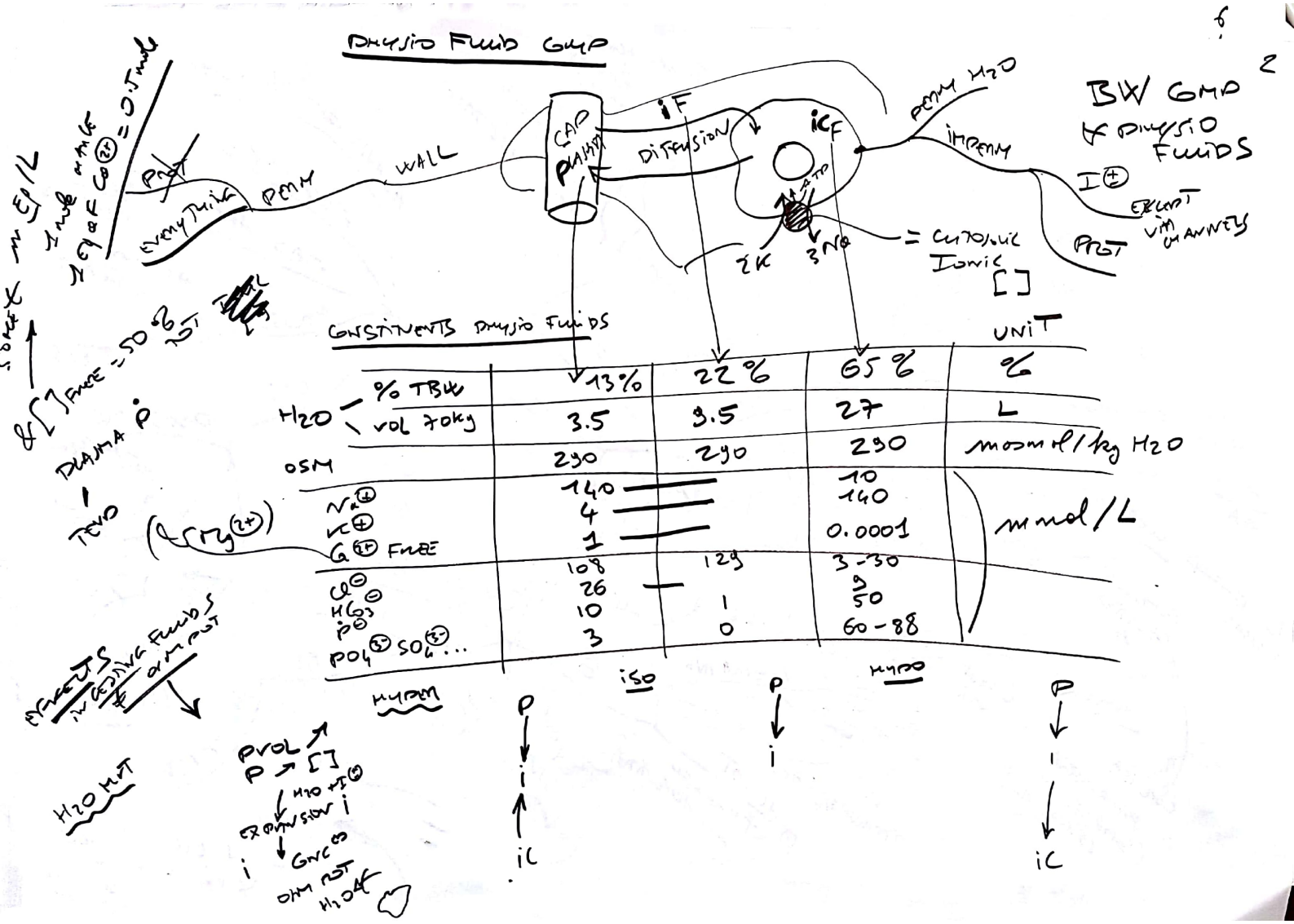
1 HOMEOSTASIS & PHYSIO PROT

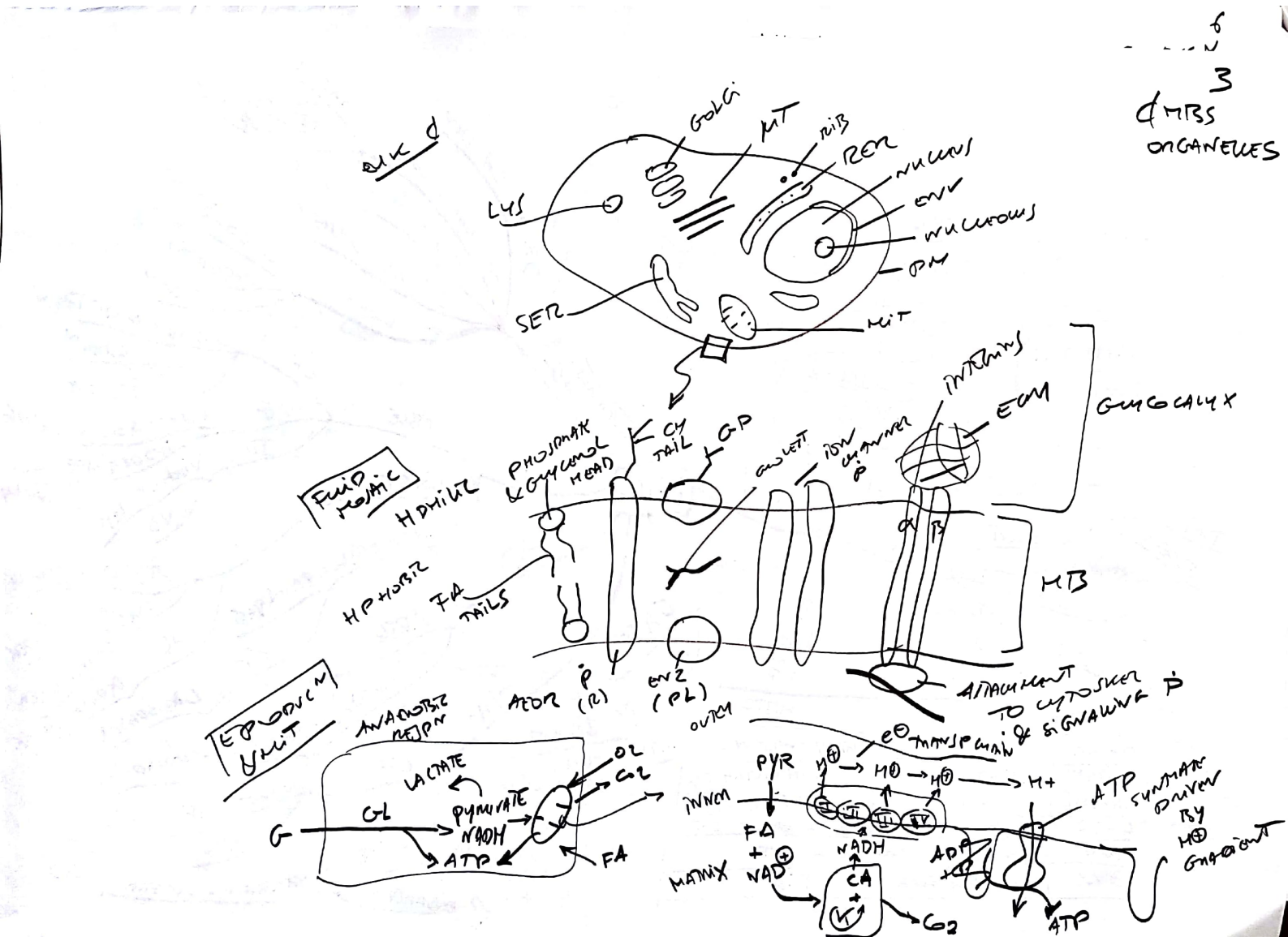


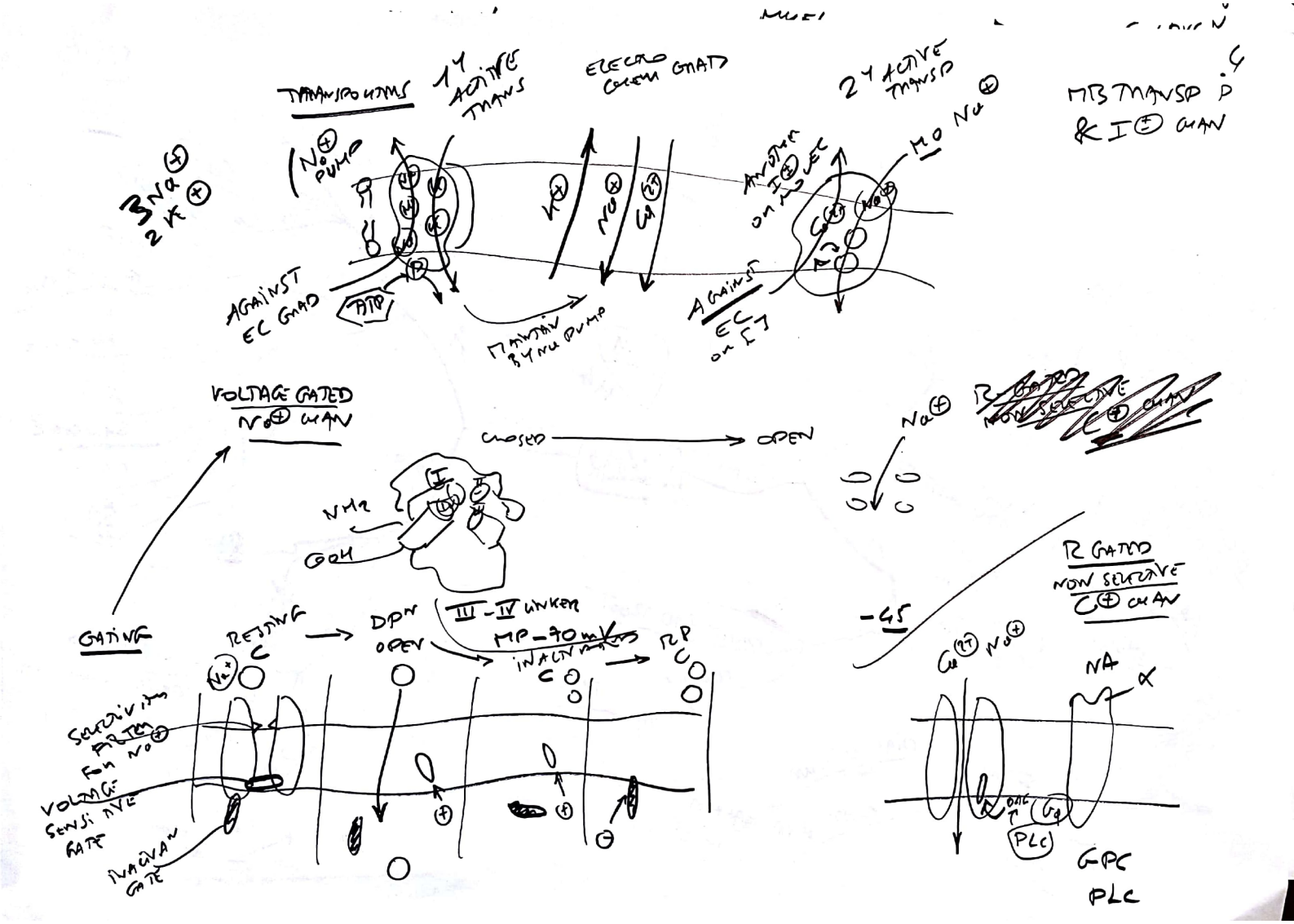


I INTRODUCTION







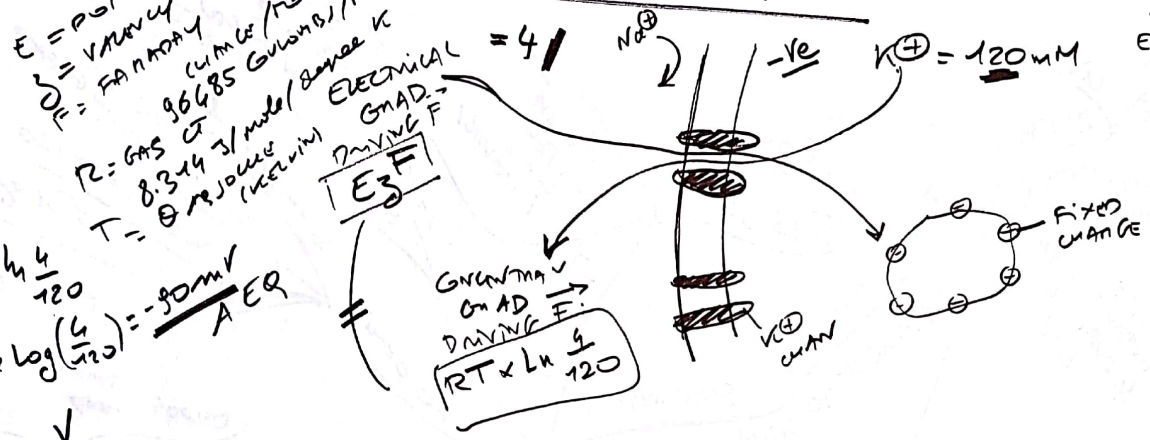


NERNST EQUAN & K⊕ EQ POT

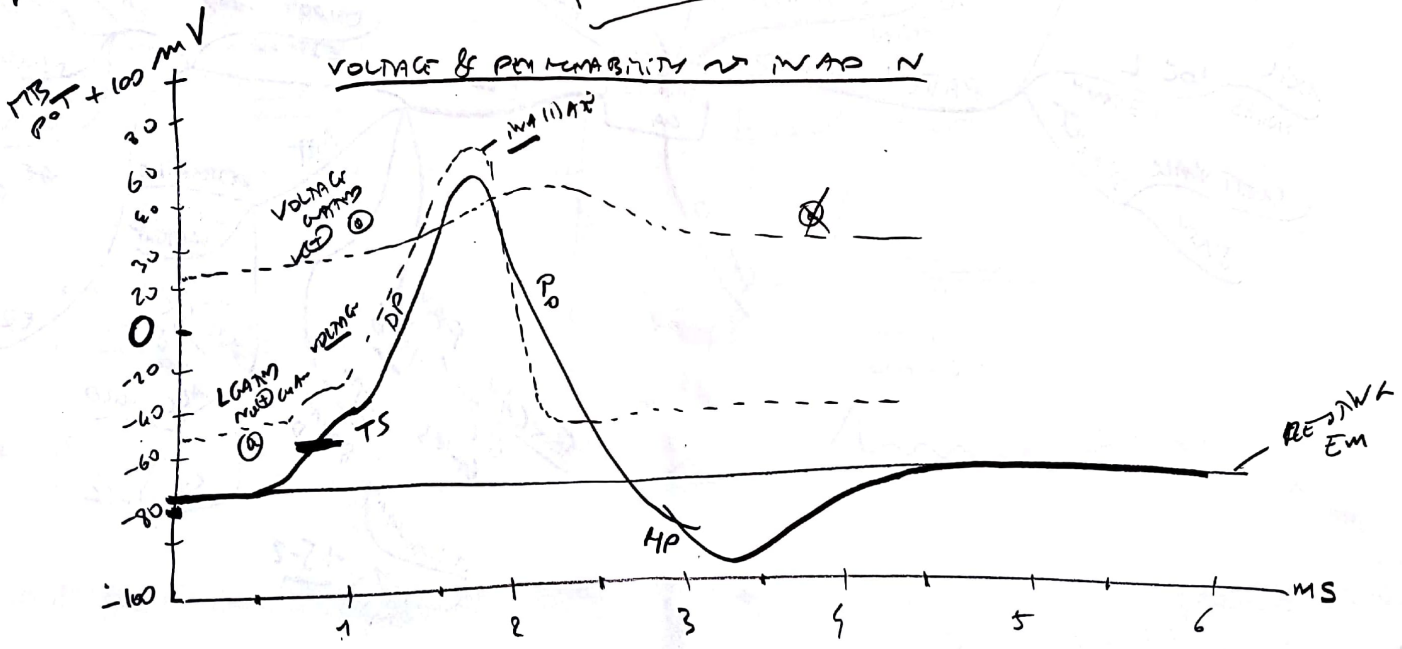
E = POT
Z = VALENCY
F = FARADAY 96485 COULOMB/MOLE
R = GAS CT 8.314 J/mole/Degree K
T = θ IN JOULE (KELVIN)

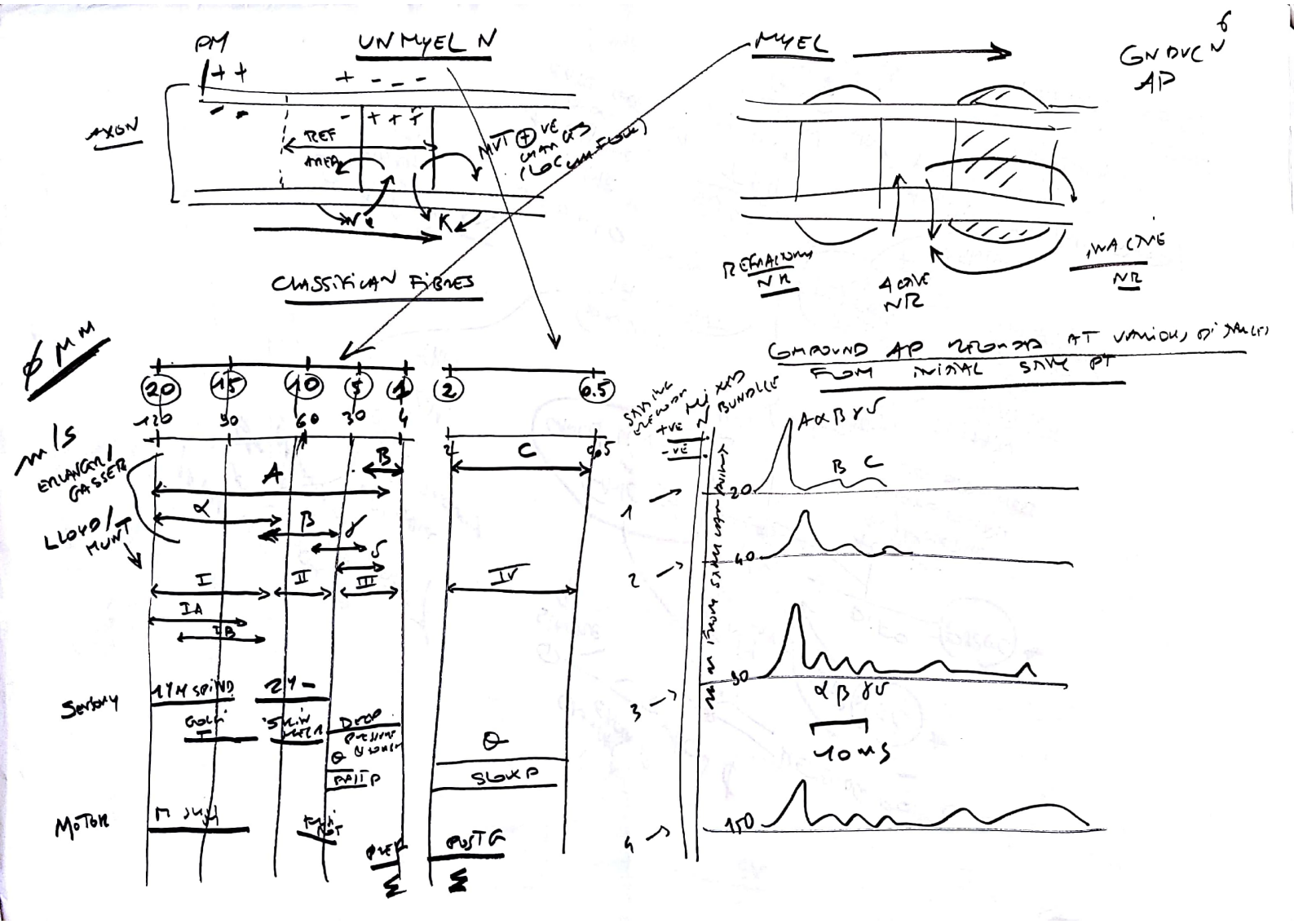
$E = \frac{RT}{ZF} \times \ln \frac{4}{120}$

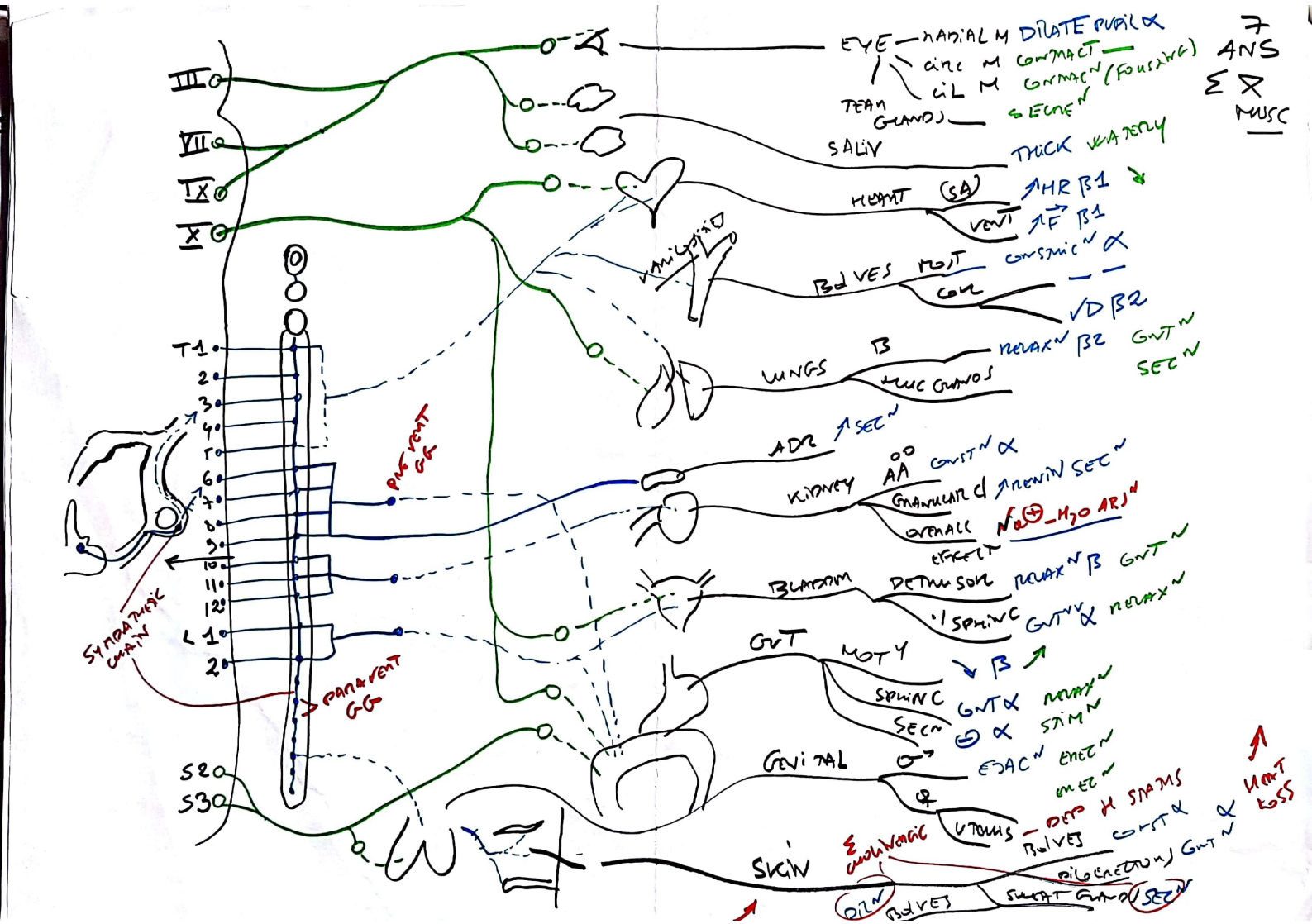
$E_K = 61 \times \log\left(\frac{4}{120}\right) = -90mV$ AEQ

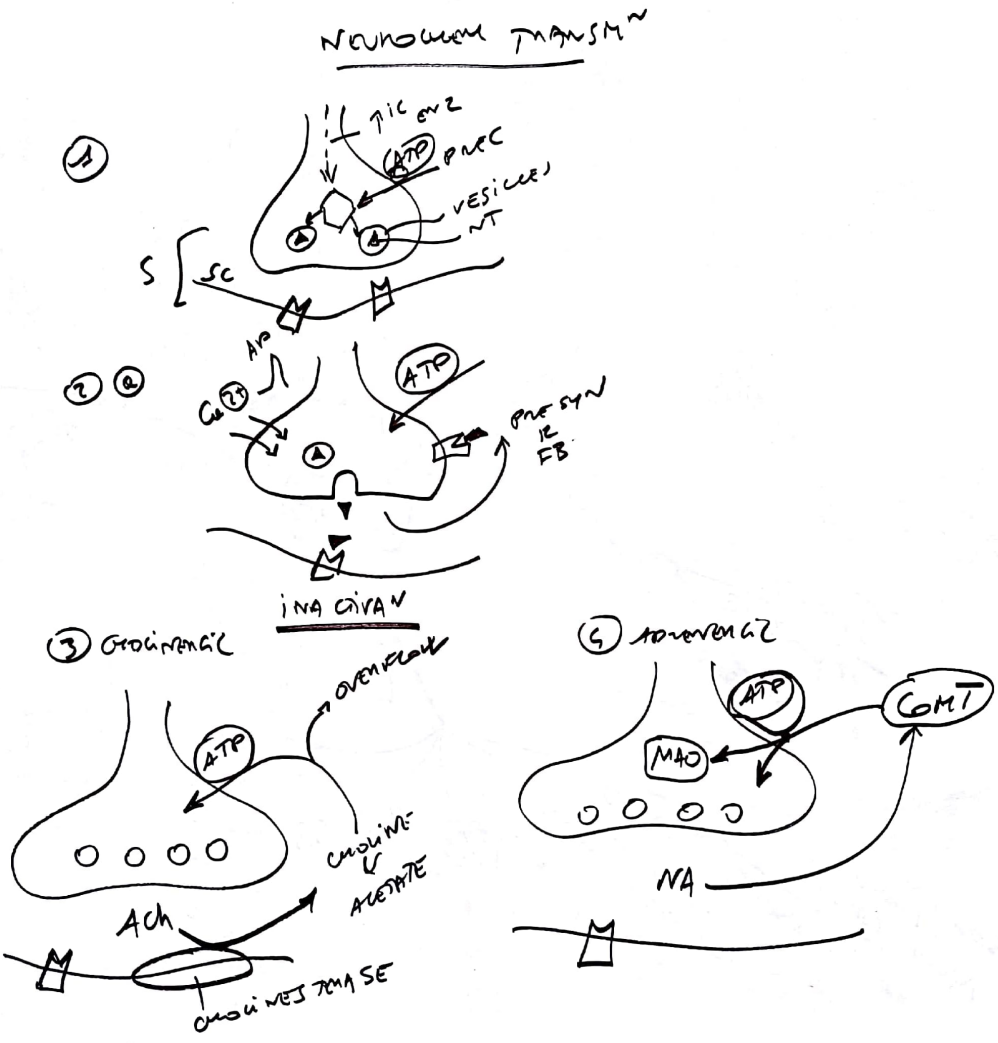


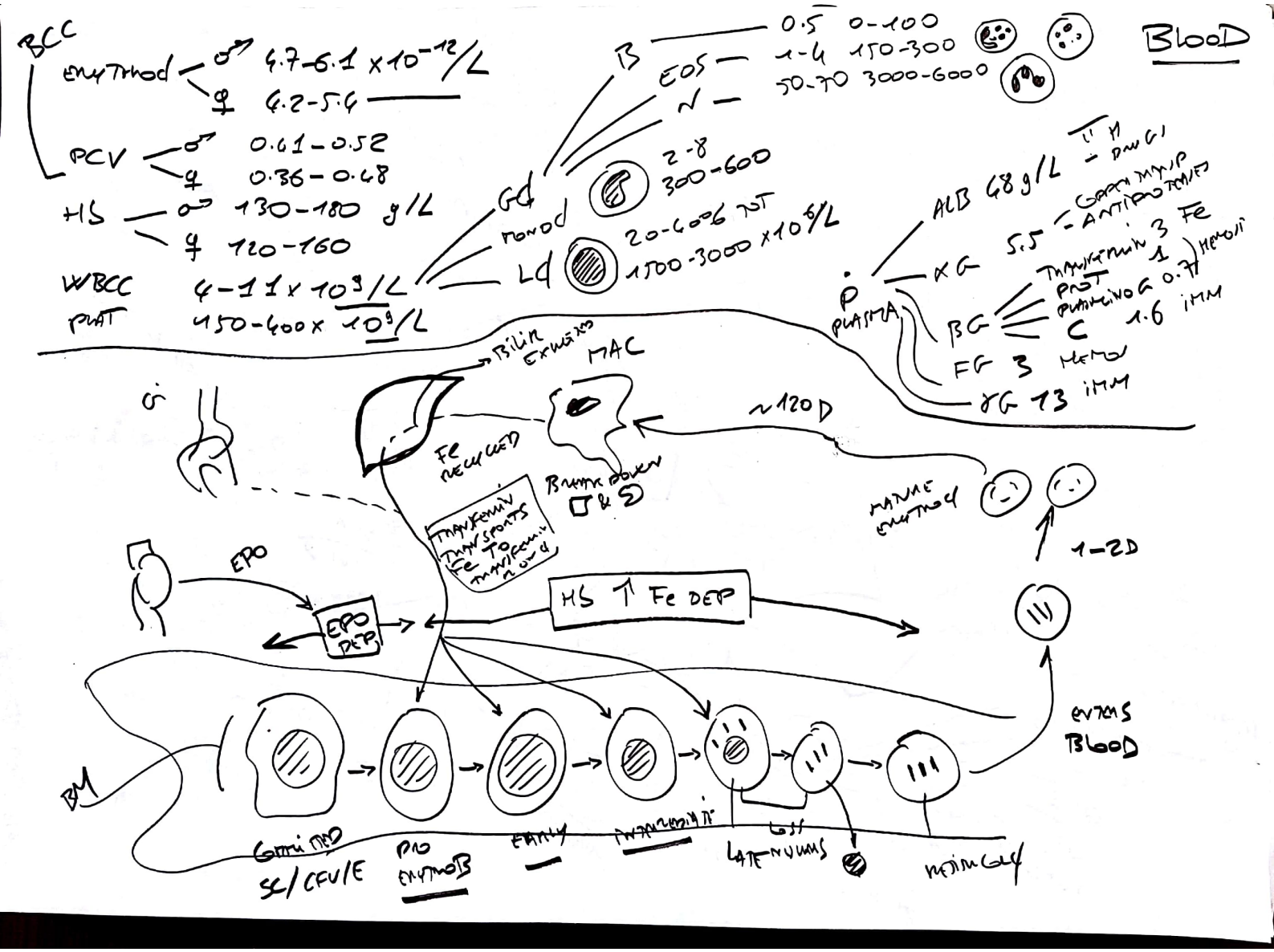
VOLTAGE & PERMEABILITY IN NAD N

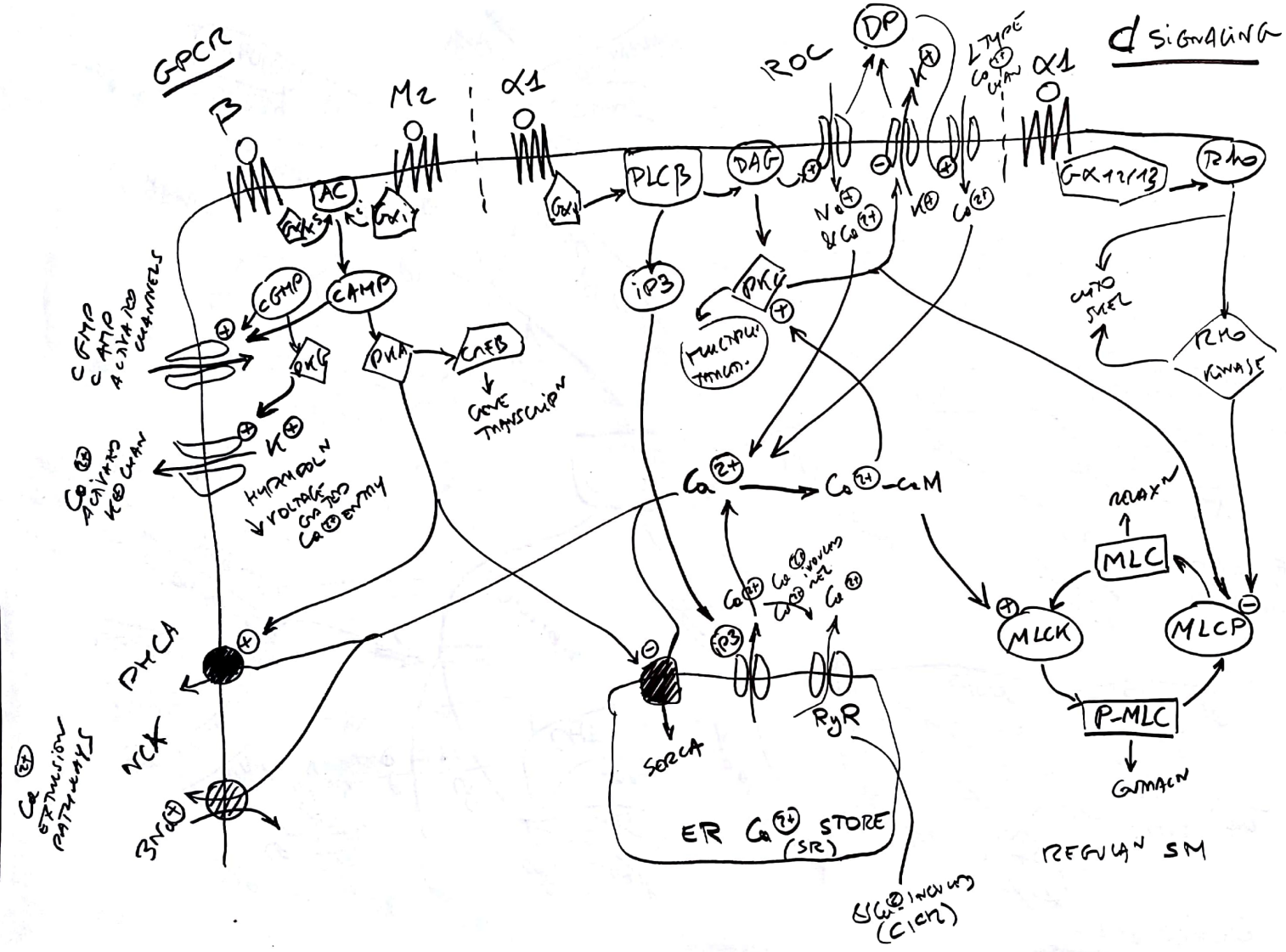




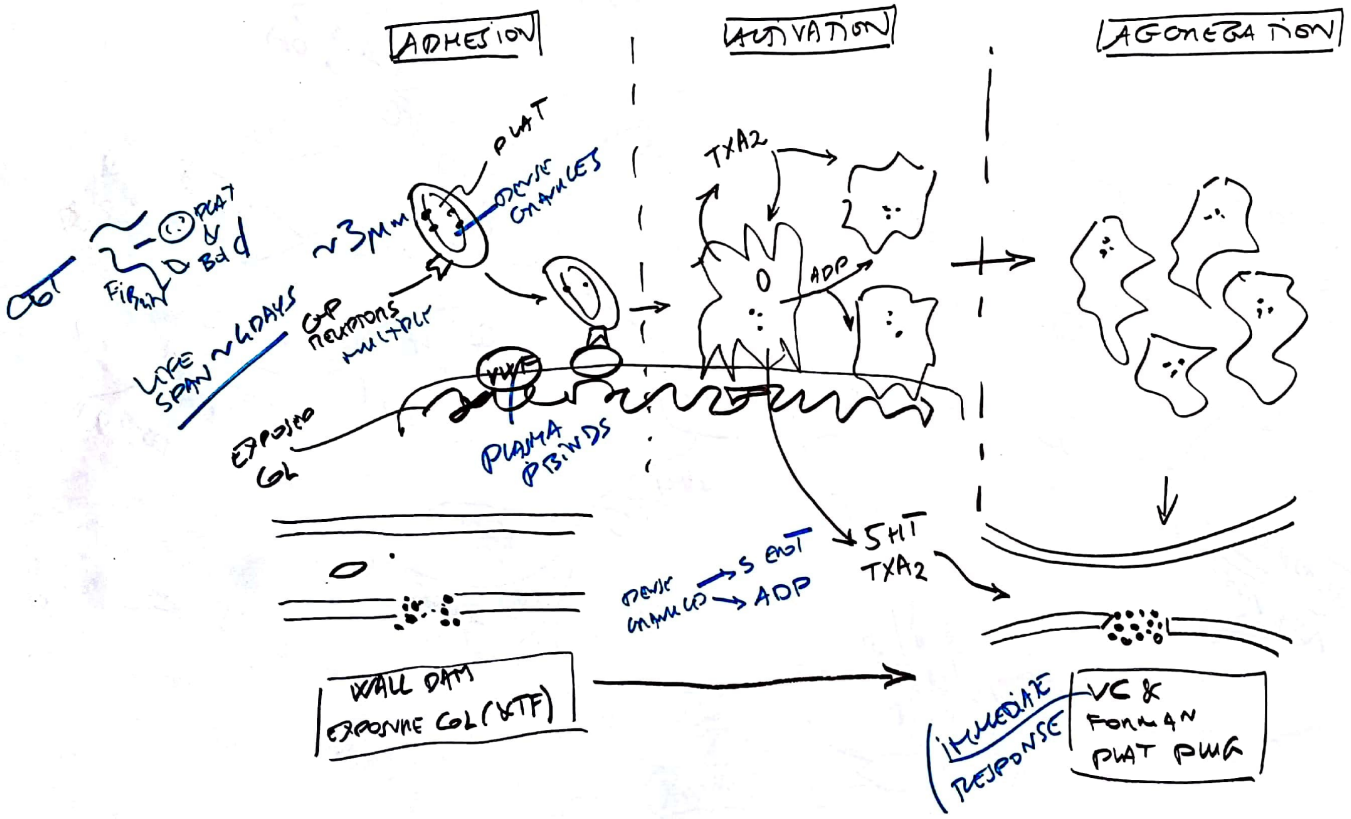


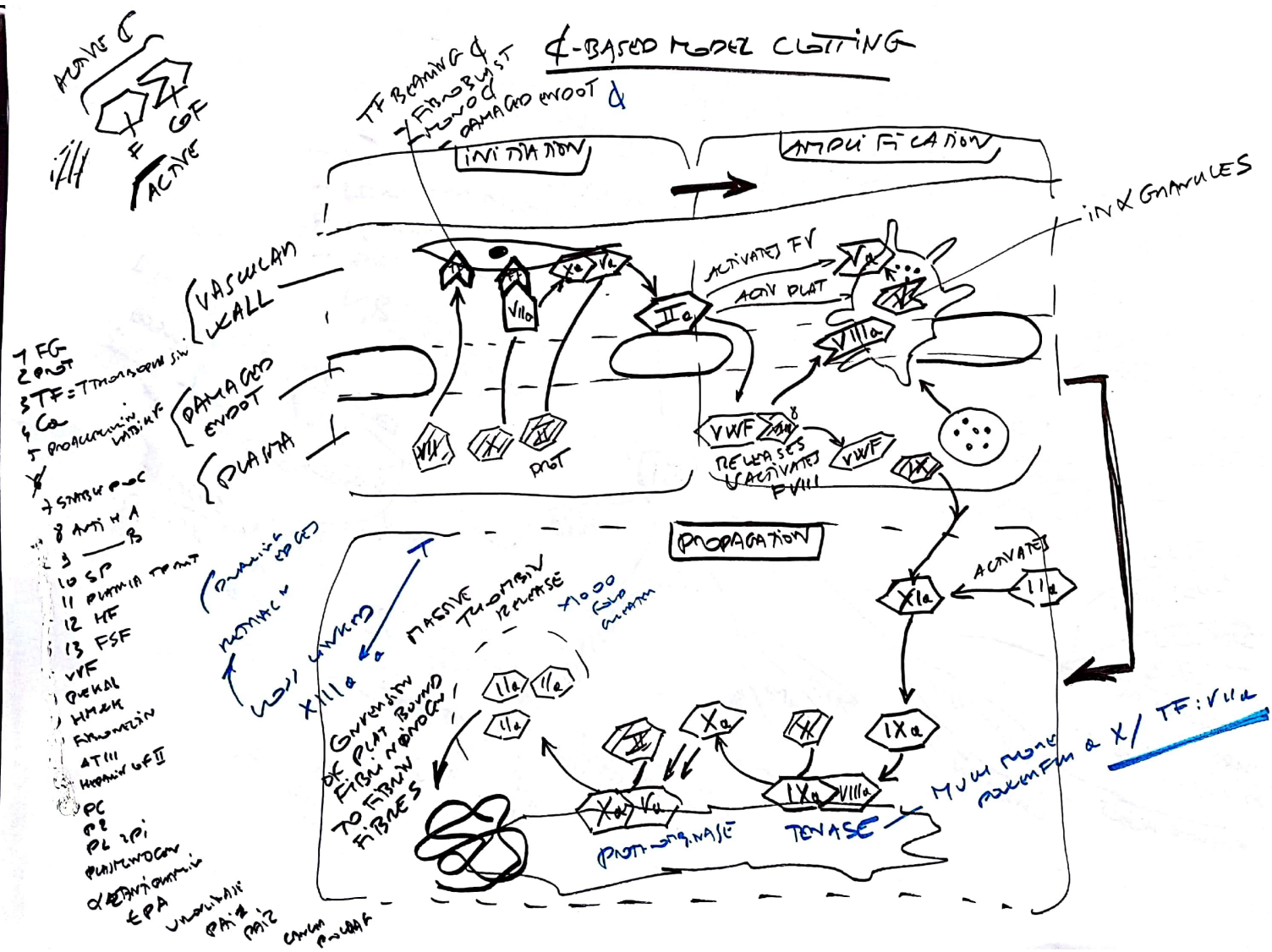


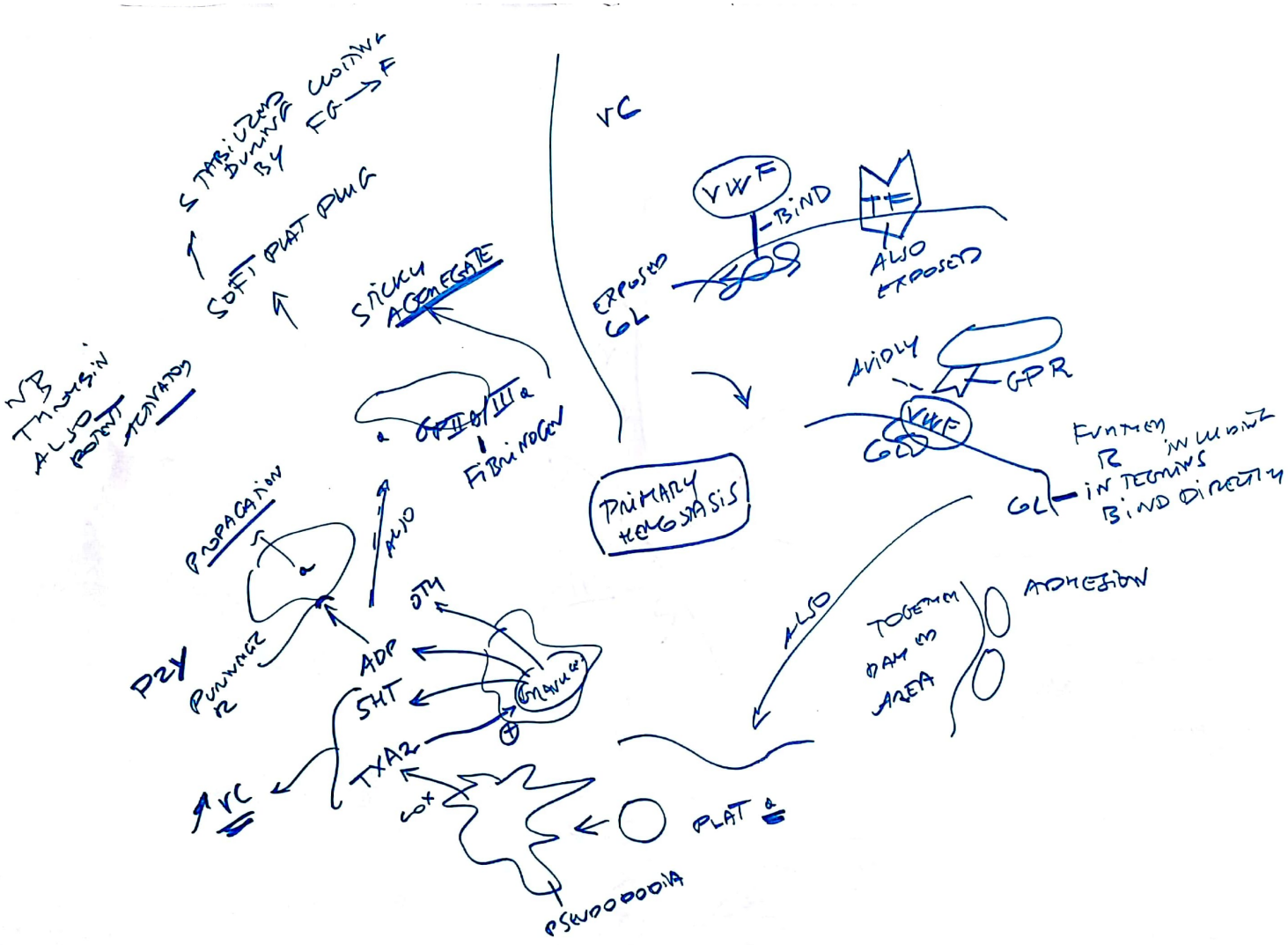


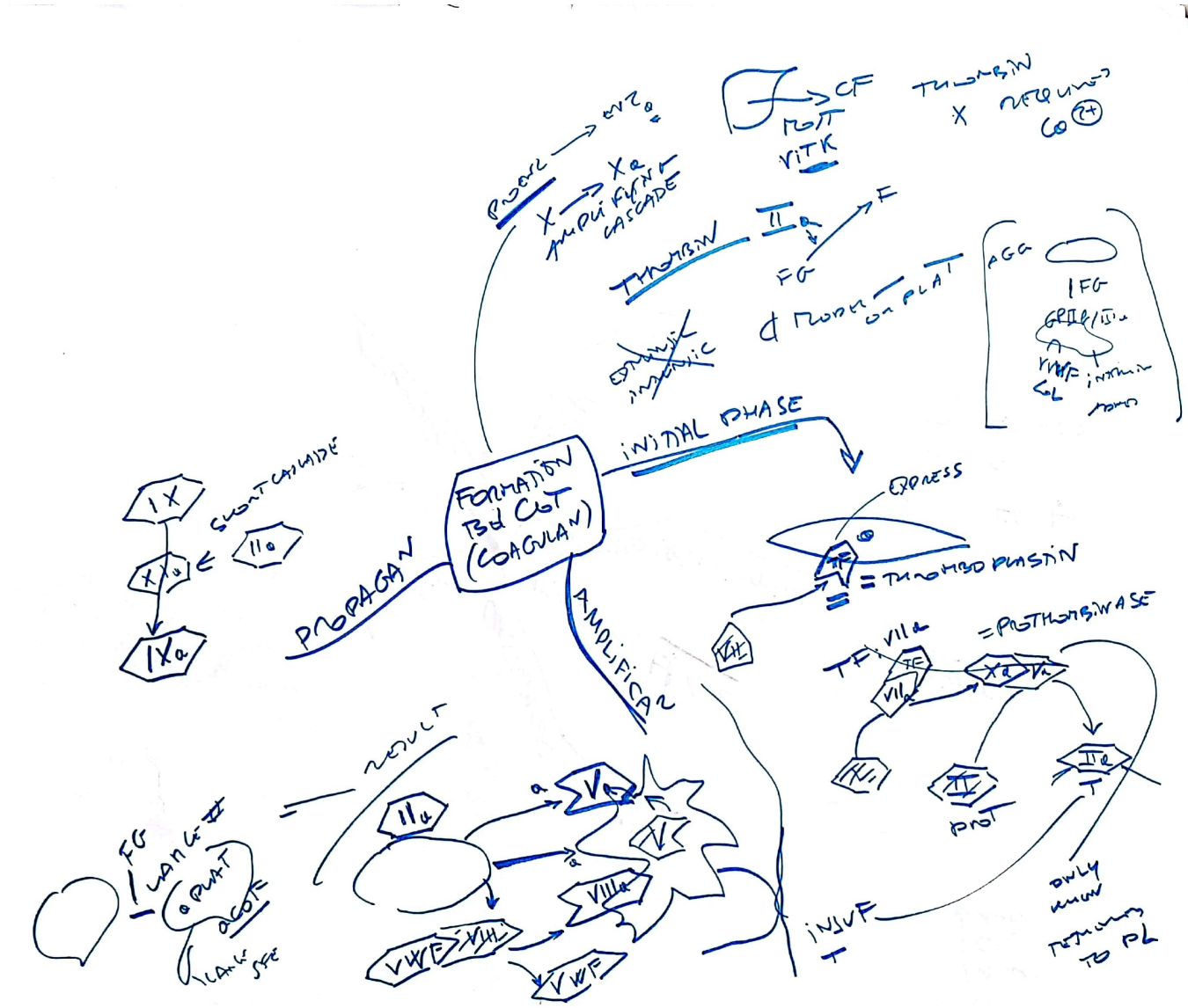


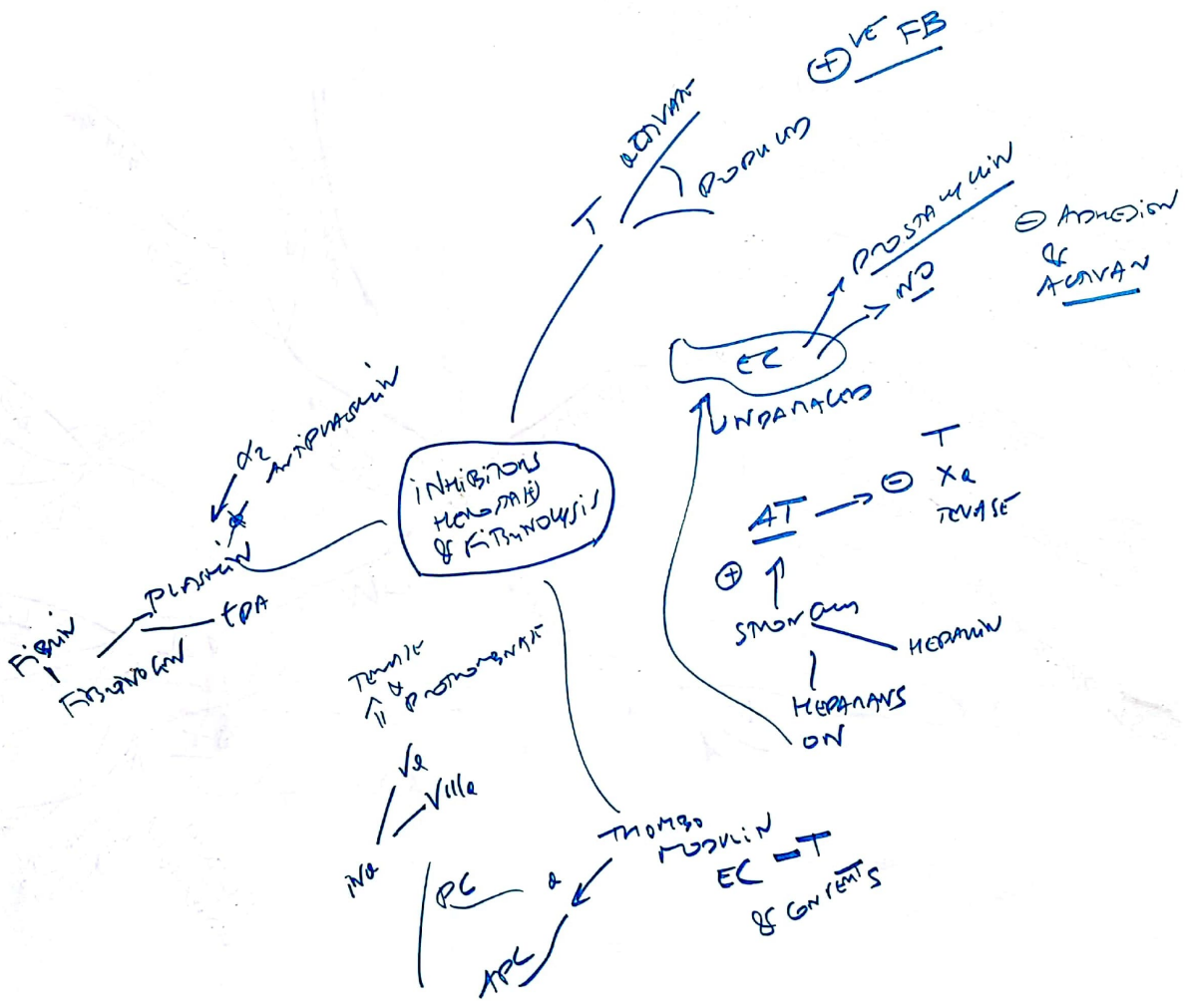
1Y HEMOST - FORMATION PLAT PLUG

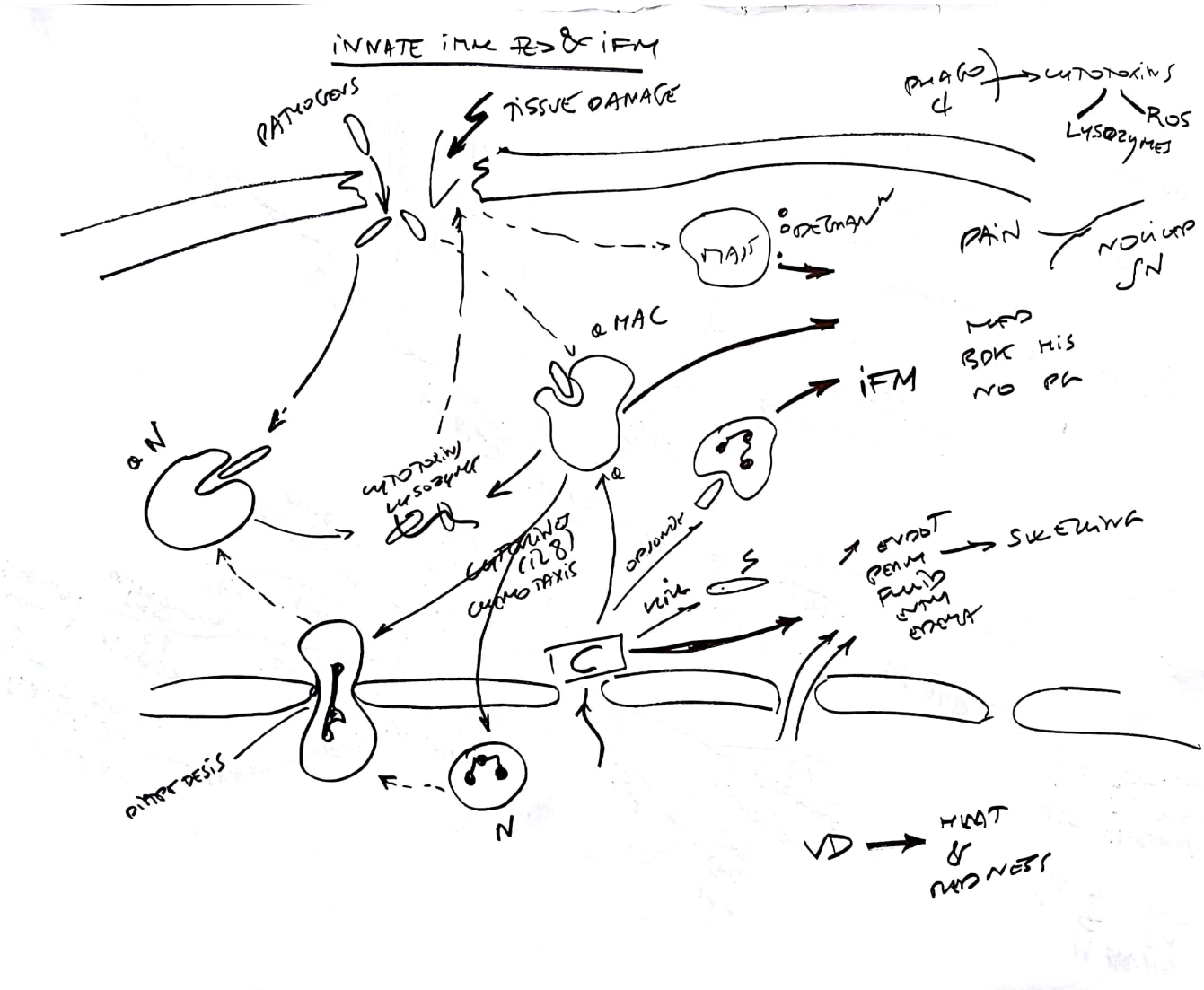




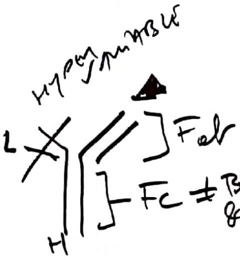








Ab



Fc ≠ BETWEEN CLASSES & BINDS TO CLASS SPEC FcR — MΦ, C

CLASSES : MOSTLY MONOMERS

- G MC 80%
- E ANTIHELMINTH → (MAST) & ALLERGY
- D NAIVE B AgR
- A MUCOSAL GUT AIRWAYS

- M NAIVE B AgR → PENTAMER, STRONG C, INT C INDEP HUM RES

SWITCHING

(B)c M → G or E

↑ TH CYTOKINES

PC CANNOT