



CD8<sup>+</sup> cytotoxic  
cytokines also

CD4<sup>+</sup> → B → T → F  
CD4<sup>+</sup> → MAC  
JNK  
NFKB  
KIM1  
PA

① PC → MHC  
Primary  
Secondary  
Tertiary

② PATTERN REC R  
NOD1  
IFNα  
TLR  
PAMP  
DAMP  
STIM

UNLEARNED  
PRESENT BEFORE BIRTH  
"NATURAL"  
DIVERGENT BY EXPOSURE  
TO BROAD SENSE  
LEARNED  
ONLY 1 SPECIFIC  
DIVERGENT  
100± SPEC

RECOGNITION

③ EMPLOY  
④ ADAPTIVE

NORMAL

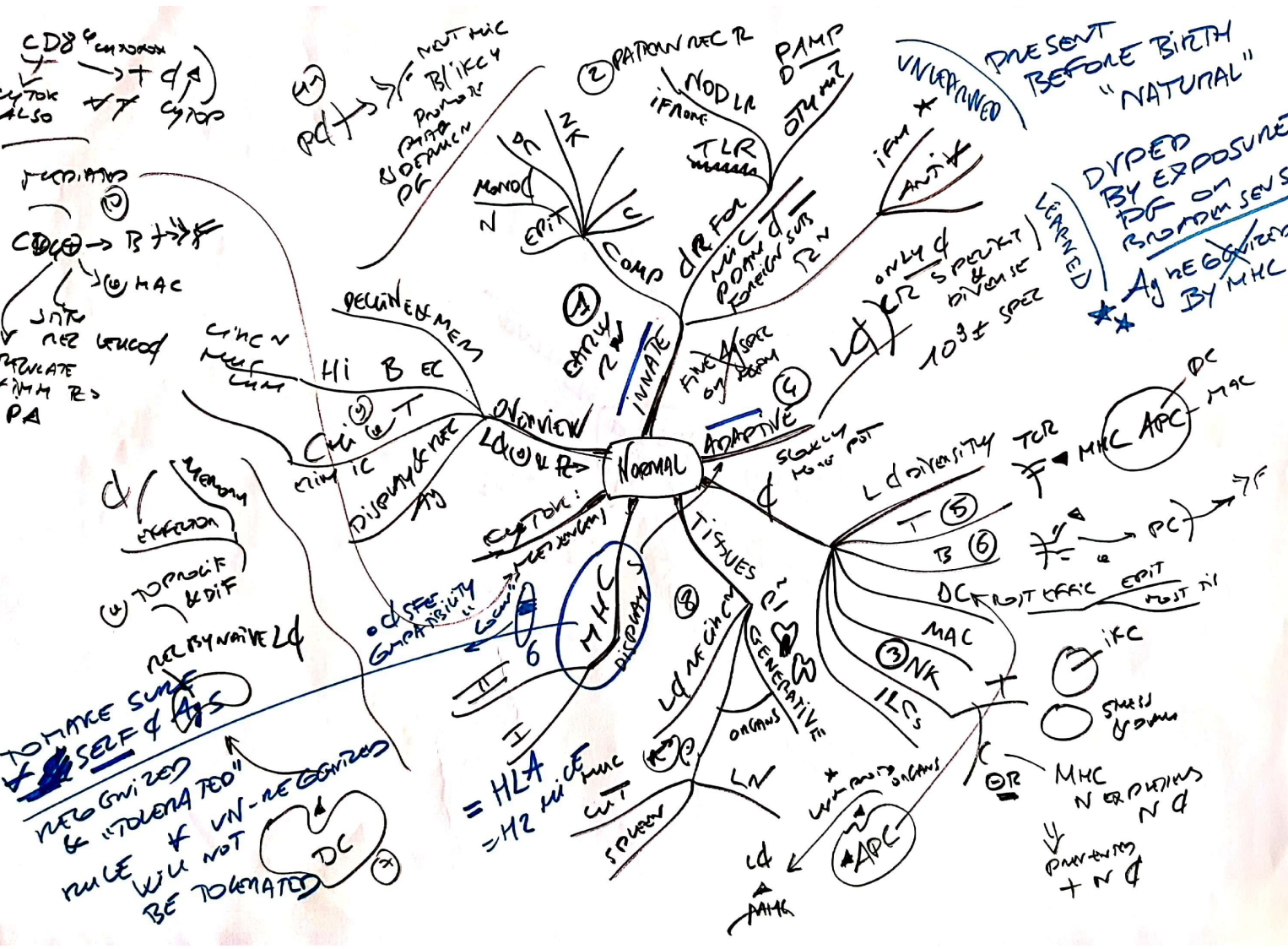
TISSUES  
⑤  
⑥  
⑦  
⑧  
⑨  
⑩  
⑪  
⑫  
⑬  
⑭  
⑮  
⑯  
⑰  
⑱  
⑲  
⑳

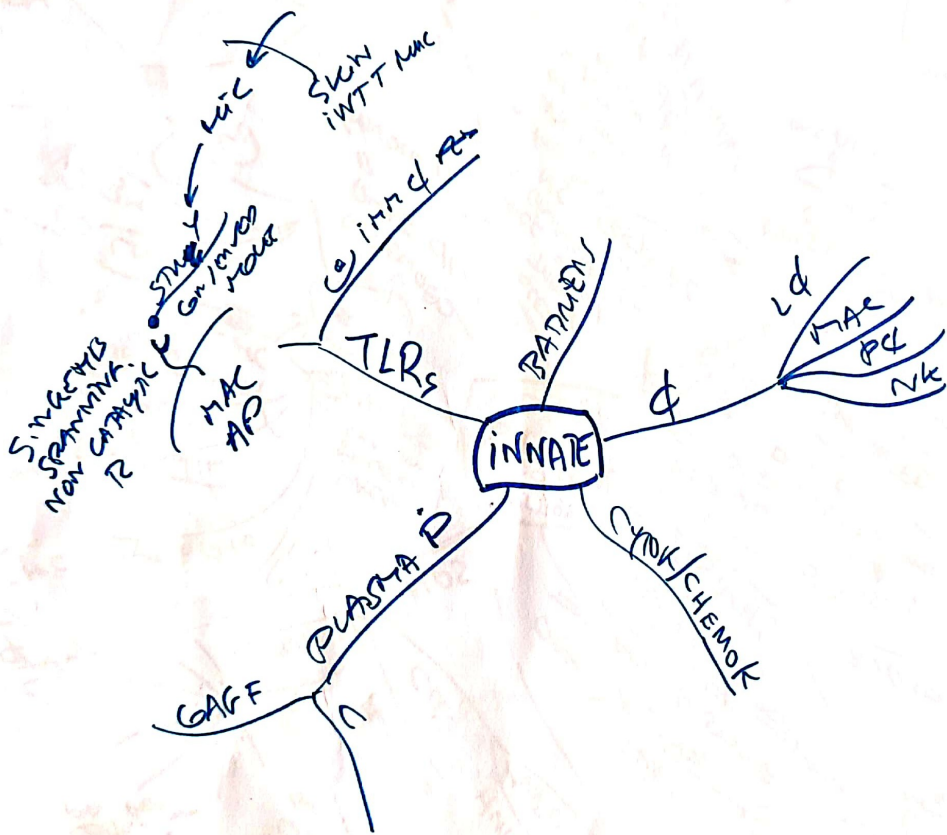
Ld diversity  
T (5)  
B (6)  
DC (7)  
MAC  
ILCS  
APC  
MHC APC  
PC → T → F  
DC → T → F  
MHC APC  
iKC  
small  
MHC N or P  
N d  
P  
+ N d

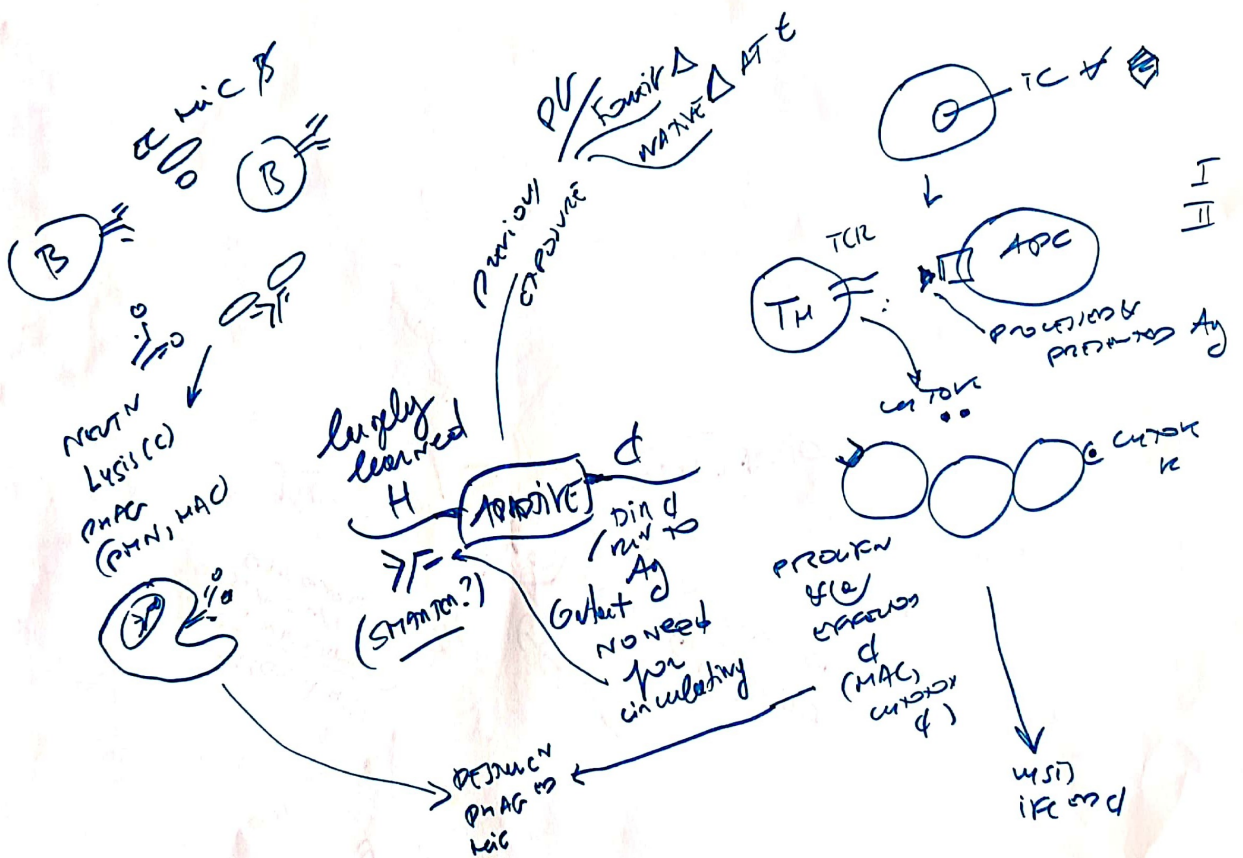
TO MAKE SURE  
SELF & ALLO  
RECOGNIZED  
& "TOLERATED"  
RULE & VN-RECOGNIZED  
WILL NOT  
BE TOLERATED  
DC

MHC  
HLA  
H2  
H1  
H3  
H4  
H5  
H6  
H7  
H8  
H9  
H10  
H11  
H12  
H13  
H14  
H15  
H16  
H17  
H18  
H19  
H20

APC  
MHC  
N or P  
N d  
P  
+ N d



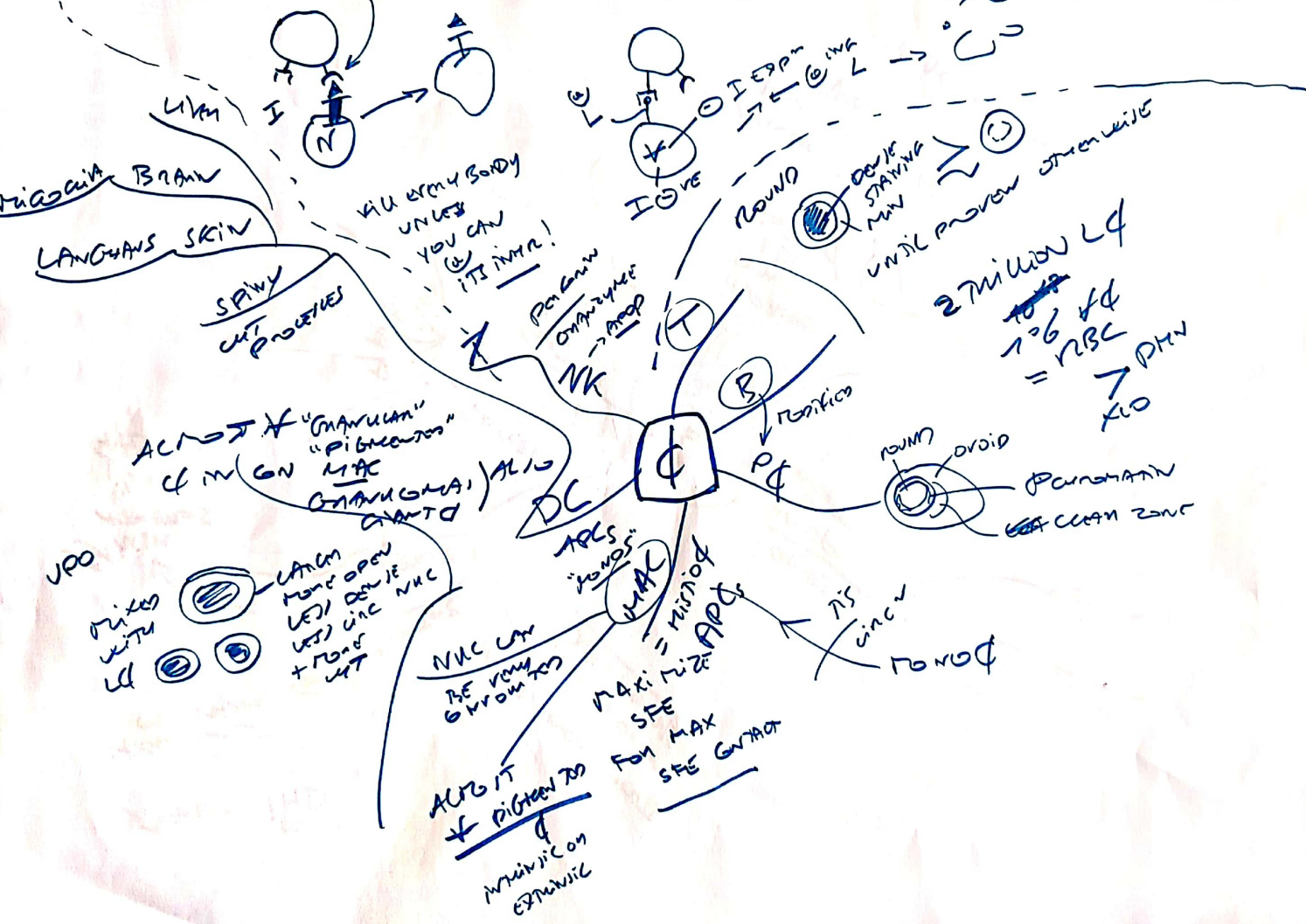






INMR ENGAGED

INMR NOT ENGAGED, @ ING OR ENGAGED



TRIGGERS BRAIN LANGUANS SKIN

SPAWN CUT PROPERTIES

KILL EVERY BODY UNLESS YOU CAN GET IT'S INMR!

PERFORM ORGANISMS -> PROOP

ROUND

DEVELOP STAINING MIN UNIL PROPER OTHERWISE

2 million Lf  
~~10^6~~ x 4 = RBC  
7 PHN x 10

ACTIVATED "GRANULAN" & INMR ON "PIGMENT" GRANULAN (MHC) ANTID

VPO

MIXED WITH Lf  
LARGE MORE OPEN Lf) OR IE Lf) CIRC NHC + ROUND Lf

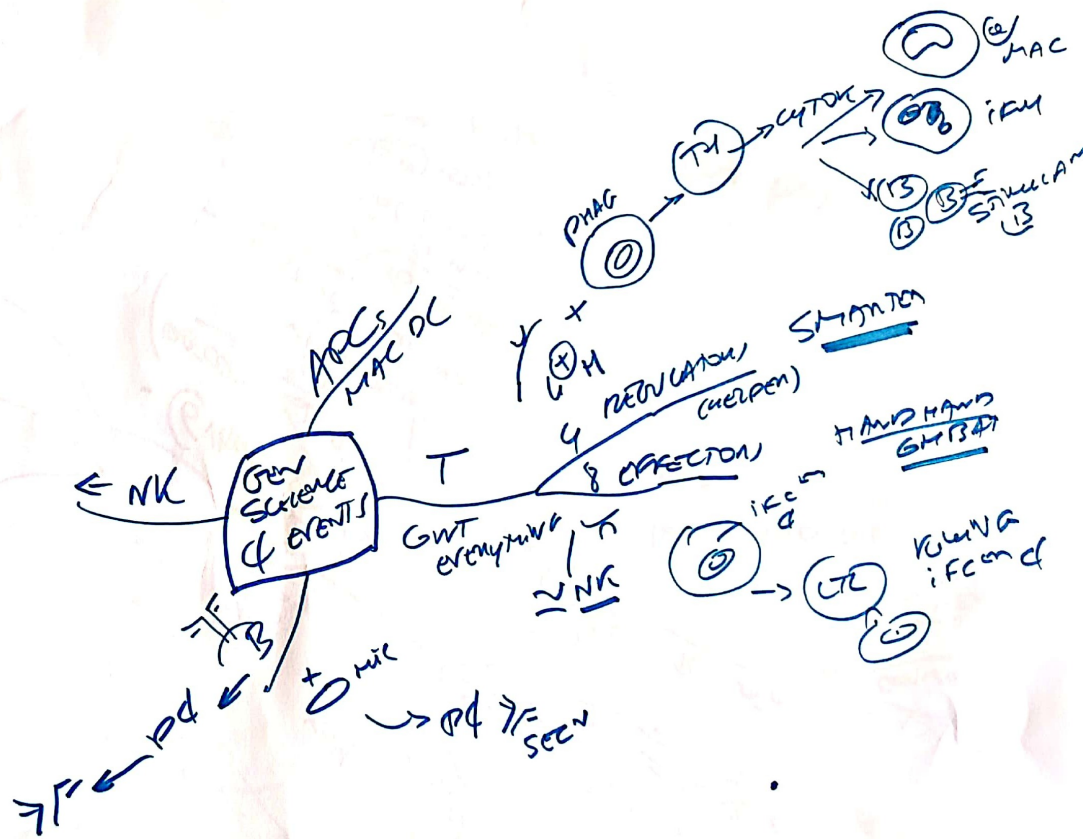
NHC CAN BE VERY GROWING

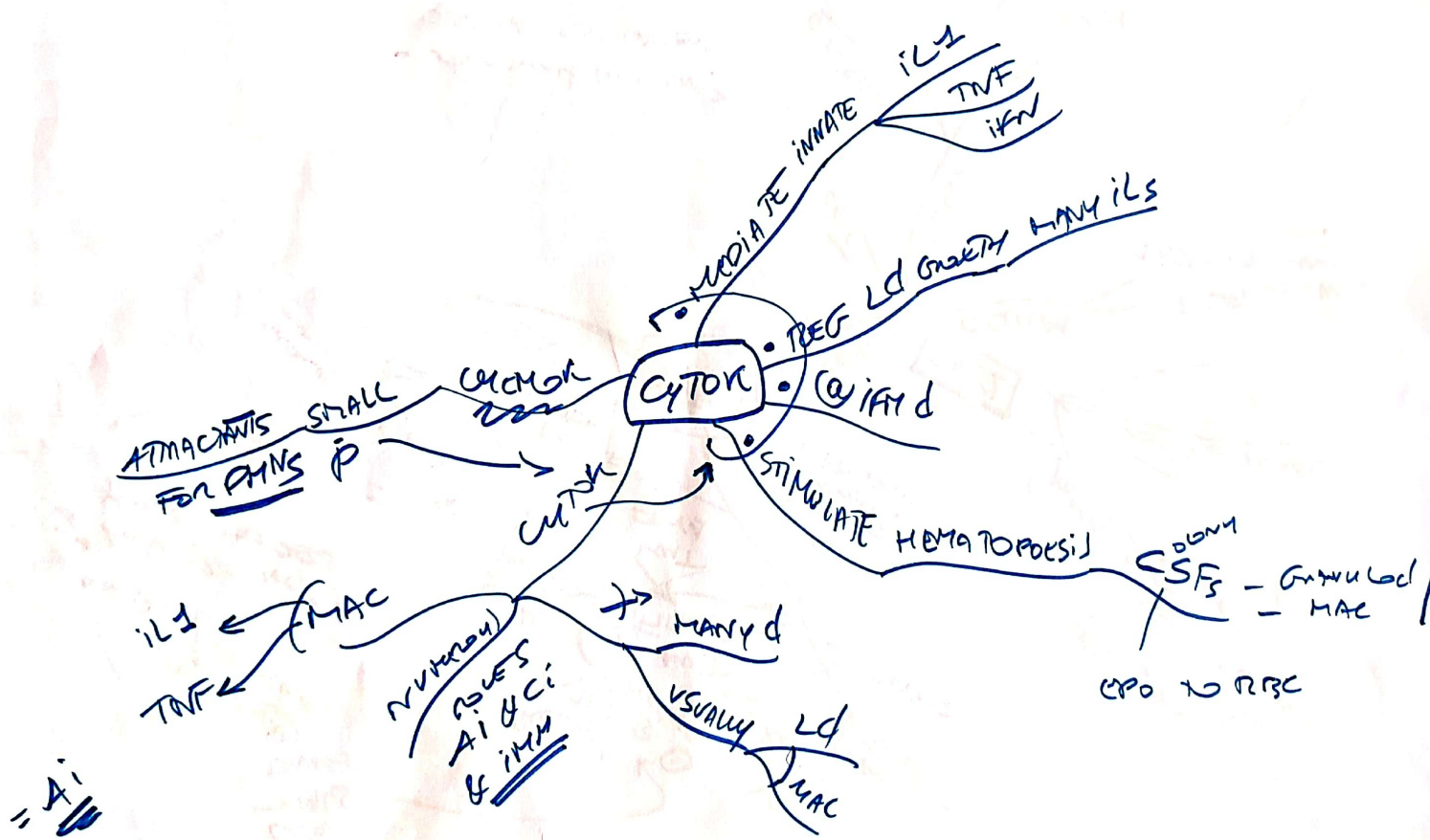
APCS = MIXED OF APCS  
MAXI MIXED SEE FOR MAX SEE GUTTED

APCS IT PICTURED TO INMR OR EXTRINSIC

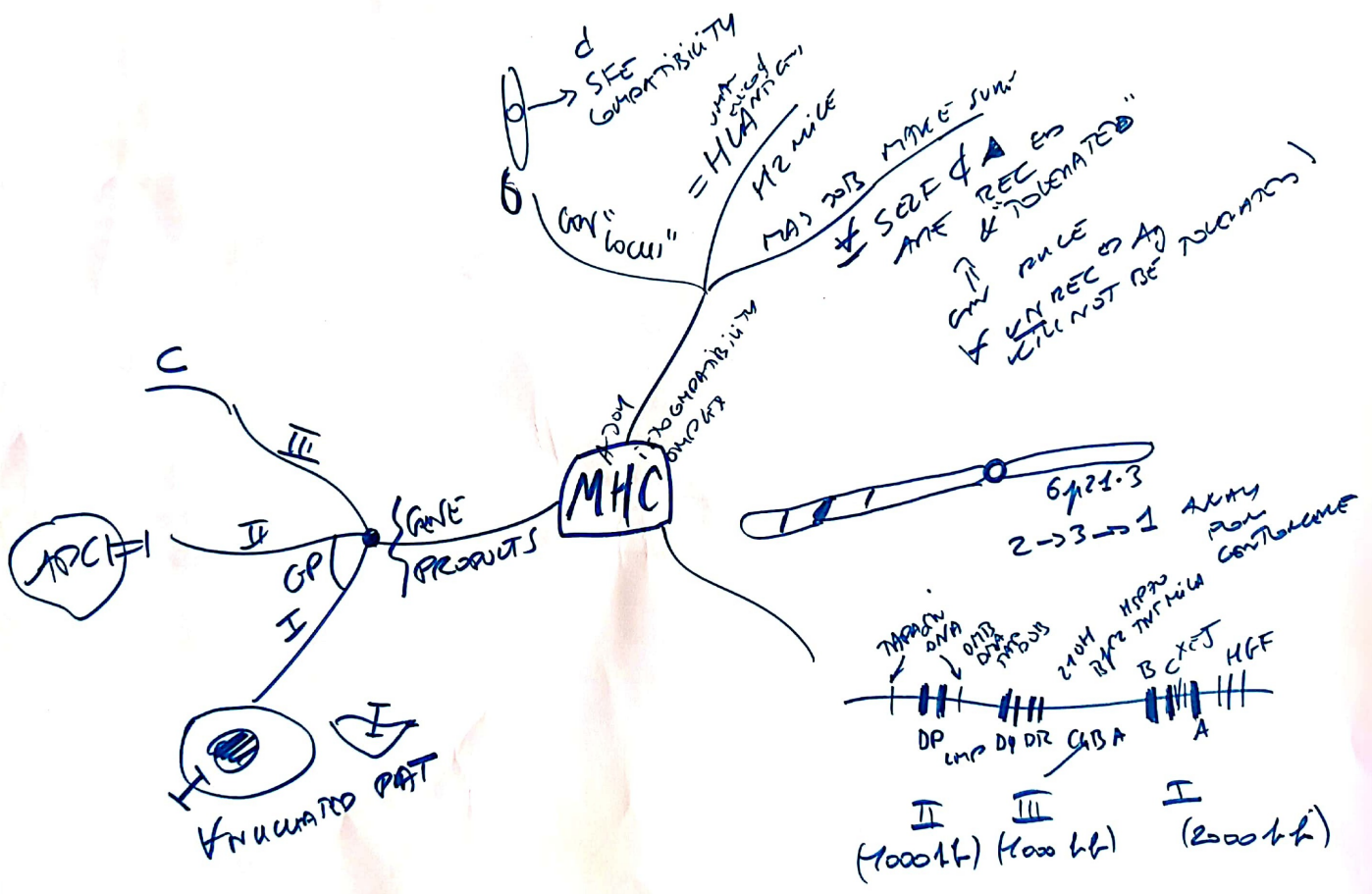
PLASMA  
CLEAN ZONE

TIS CIRC  
TO NO P

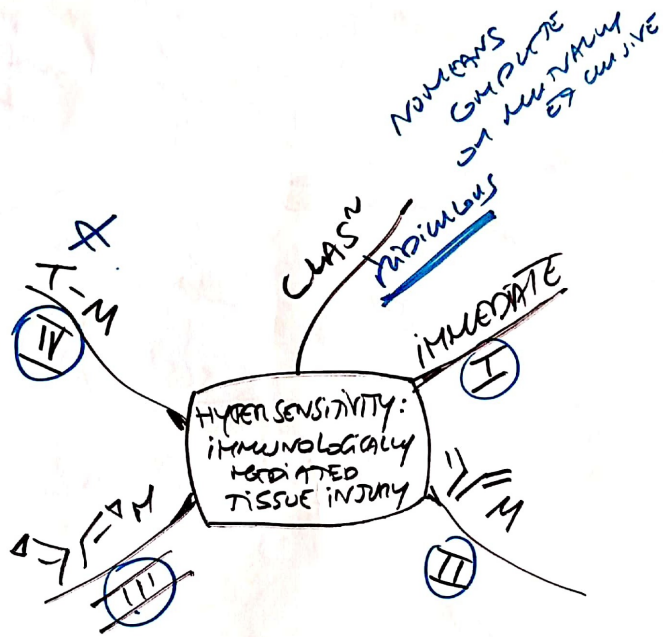


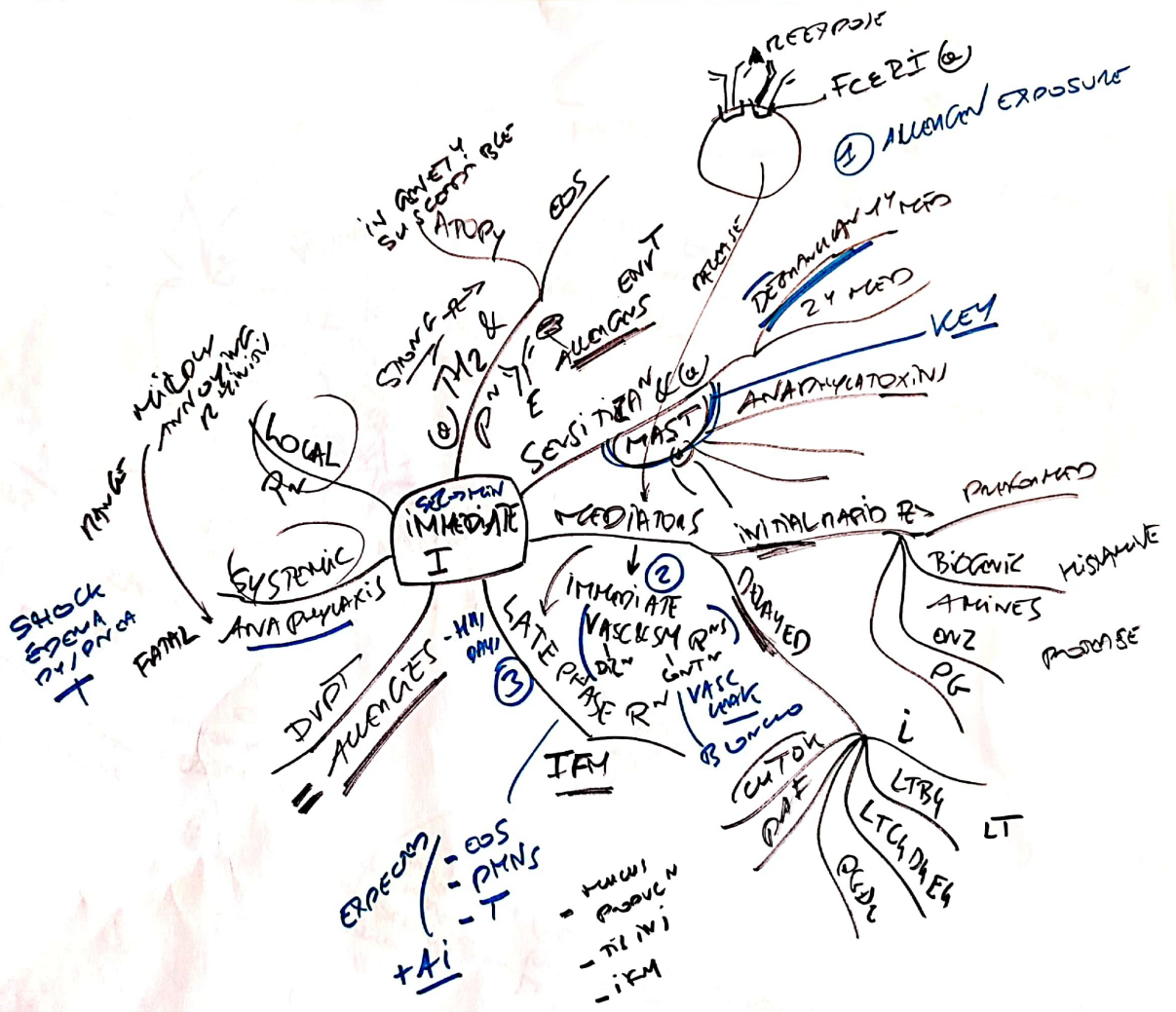


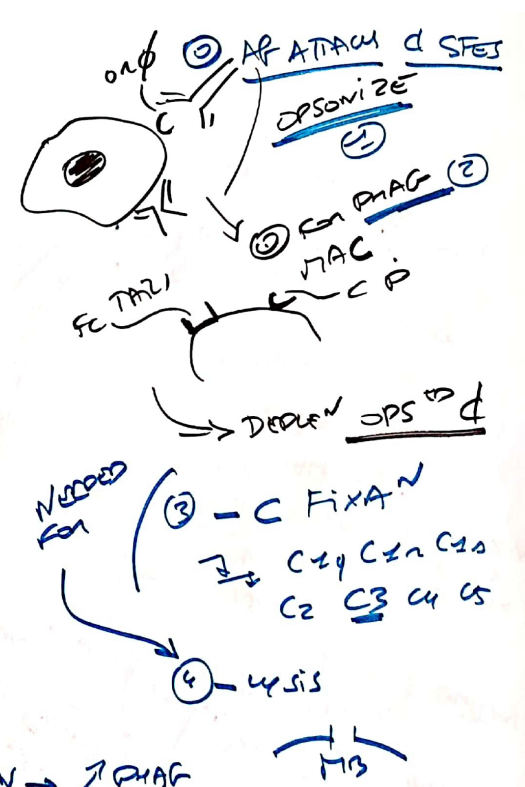
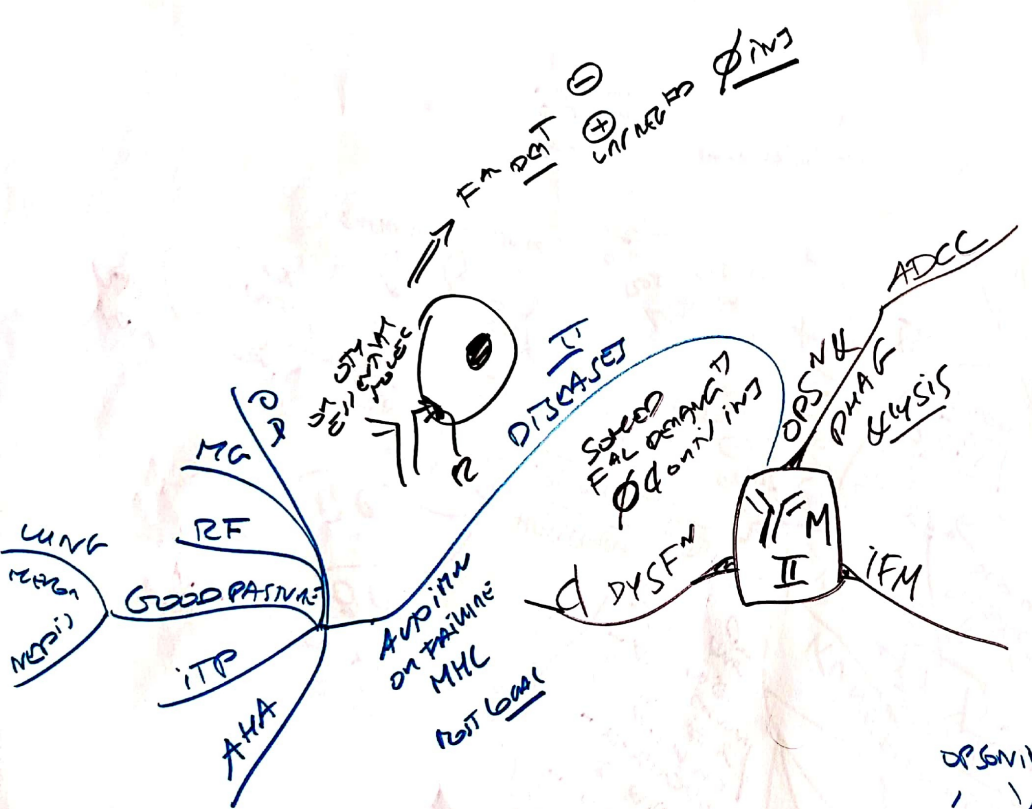
- MAC  
- DC  
- L $\phi$







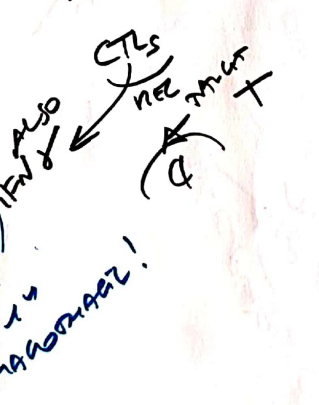
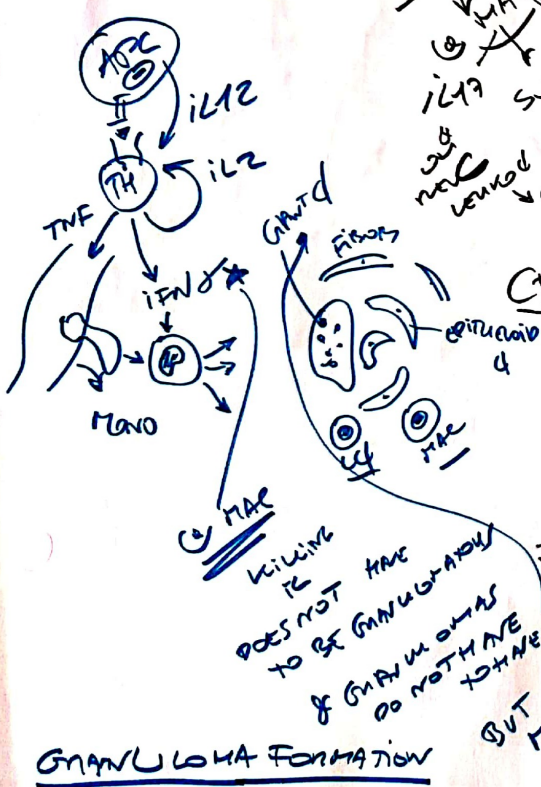
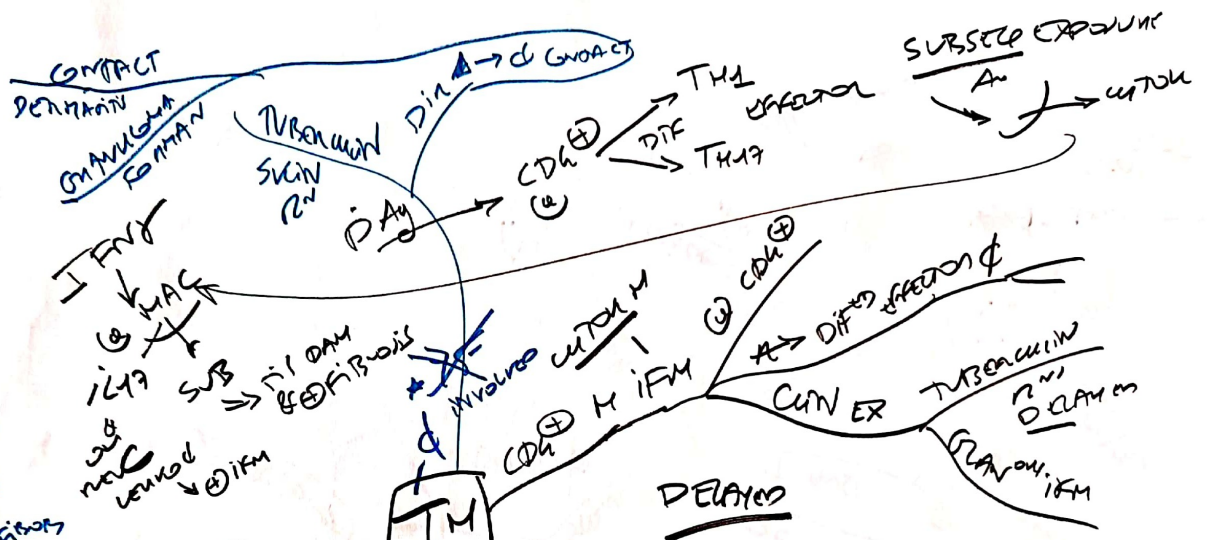




OPSONIN → ↑ PHAG  
 + ' Δ





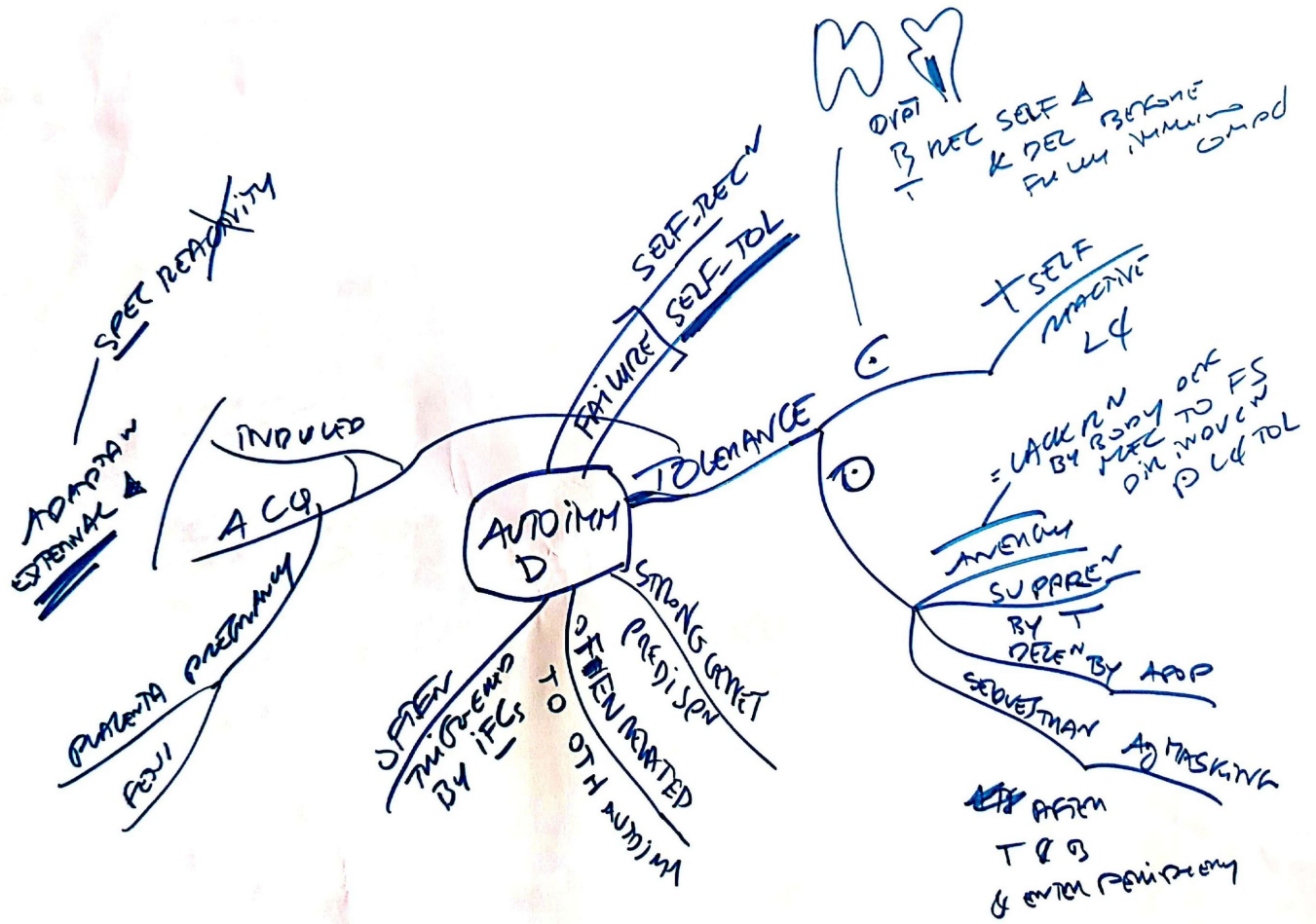


DELAYED

- PERIVASCULAR INFILTRATION
- EDEMA
- GRANULOMA FORMATION
- CD4+ T H17

killin' it  
 DOES NOT HAVE  
 TO BE GRANULOMATOUS  
 & GRANULOMATOUS  
 DO NOT HAVE  
 TO HAVE  
 BUT 1/4  
 MACROPHAGES!

GRANULOMA FORMATION



MAT REZ & SRA → FUNNY INACTIVE

SELF SELF INACTIVE  
B  
SELF SELF INACTIVE  
REC  
iH MATURE LC

REMEMBER THEY ARE IDIOTS  
LAKVICZSD

LOCAL → IT ISN'T

- HADIMGXS T II ANI MYROGOS
- AHA RBC
- KJ MBP
- Ai or cu. si) GMMQ
- GOSPARAGOMF JD GBM APs
- ITD PAT
- PA iF, PATI
- INJ DNDAN ISKT
- MG NMJ
- GD TSHA → C

Myo B  
Myo B

Almost every d  
in a subset  
of some with  
proteins

# AUTODIMM

SYST (PAIN)  
MCTD  
ITM  
HYDROARTERIO  
SUSCENSIT  
SUSCENSIT

TOXEMIC  
MUC: GEN PRINC  
GEN PRINC

AMBY  
SUPN ON BY DEGT FORC 13  
DELET BY APOR ALPS  
A SERVEST N  
TROLE SUSCY GENES  
SPITORE  
SPREADING  
CRYPTIC

SLE  
SYST  
RA  
SPECTRUM  
USUALLY G & PROG  
& TYPE II  
INJ  
DETERMINED  
BY NAME  
DOMINANT  
IMM RD

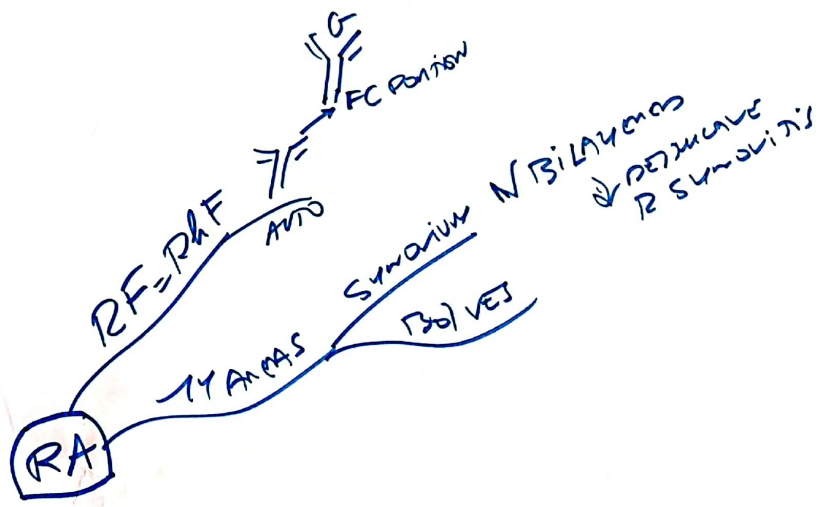
NOT SUITD  
MANY MOST SOME KIND ANA (+)

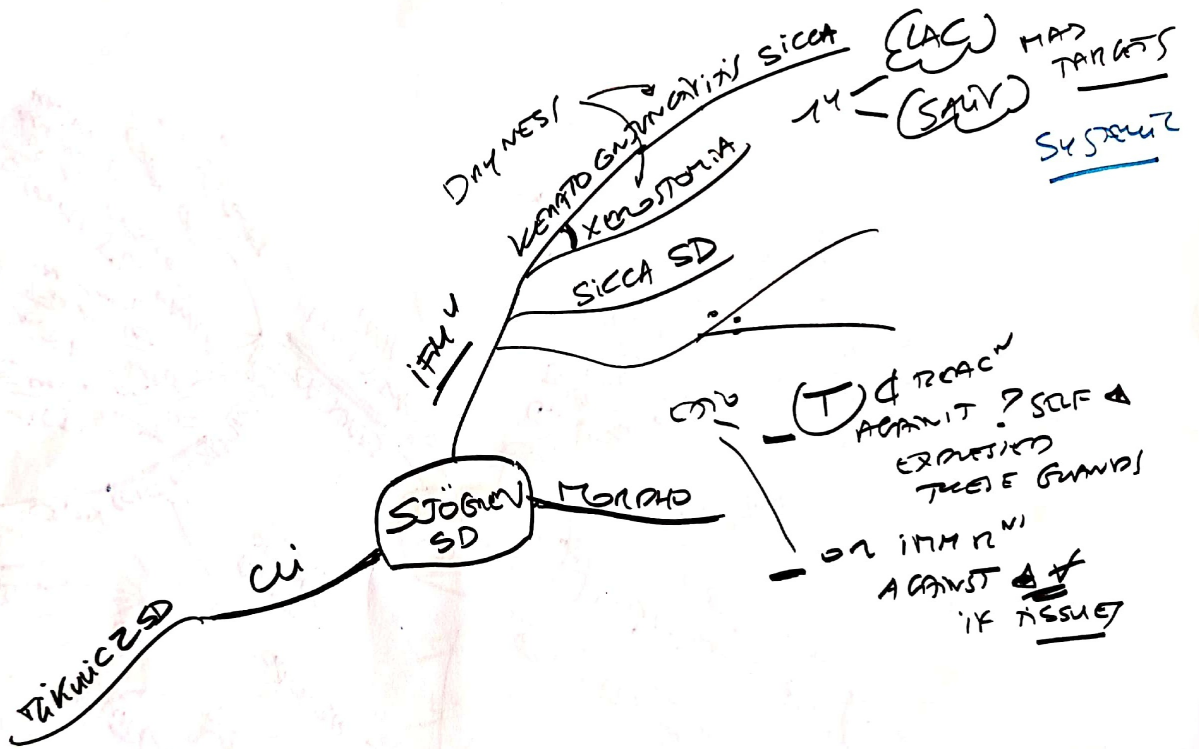
CHULLI  
MOD 2 GENES  
PTDN -22  
JEC  
KITCHING  
EXPOSE  
SLE APC  
GLD  
IN TIS



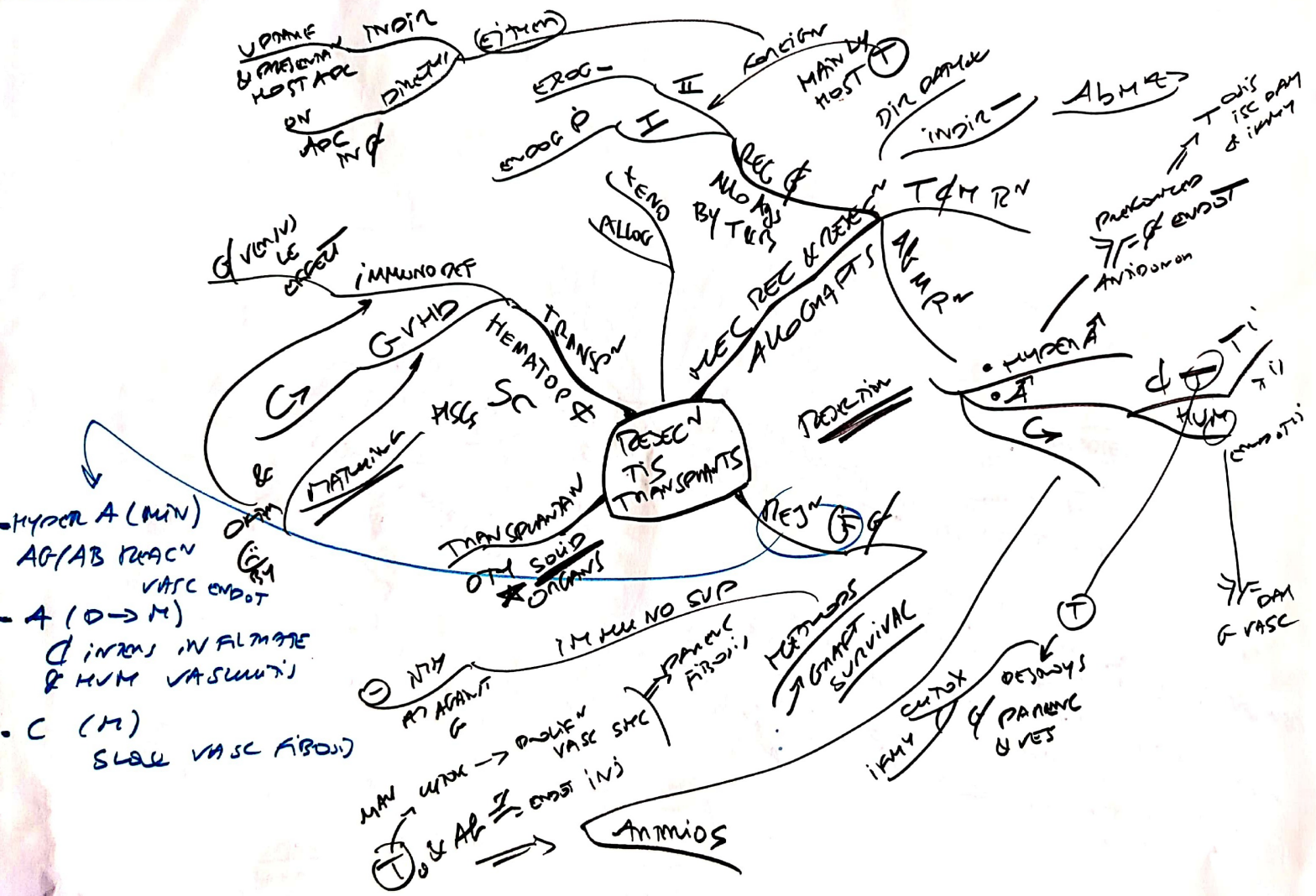












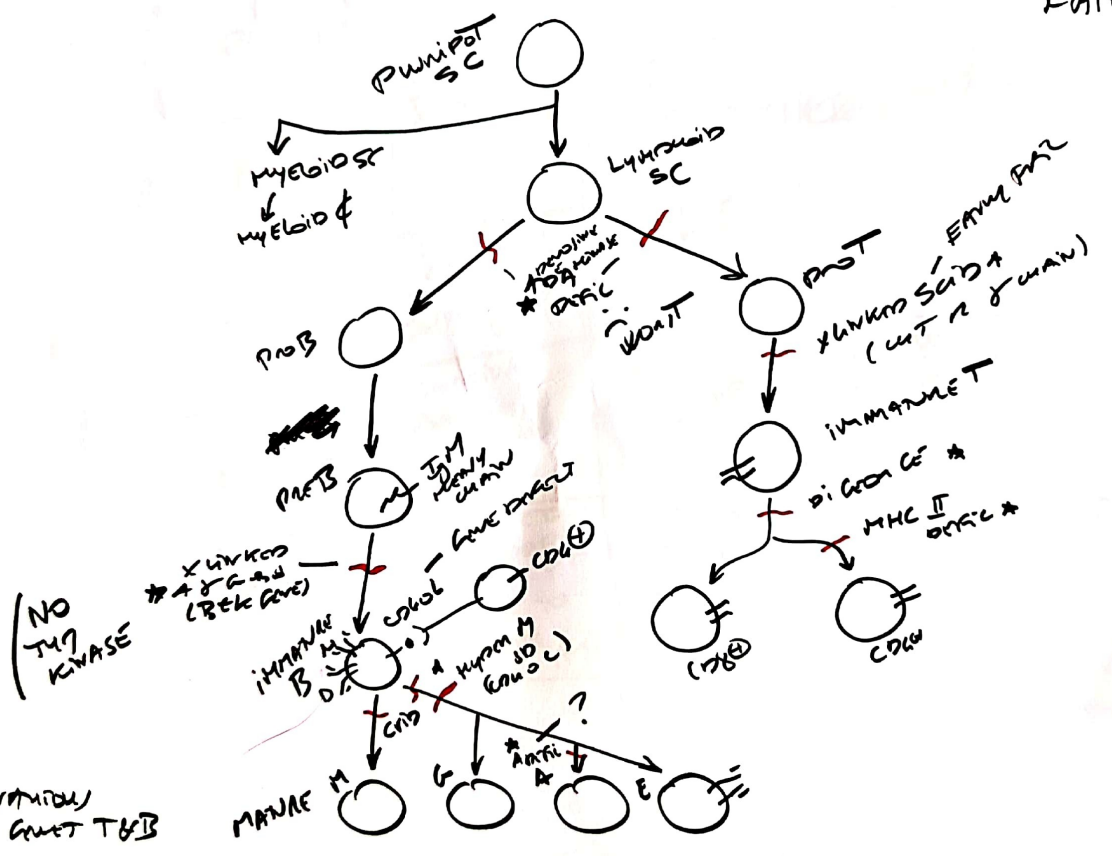






PIDS  
 INNOCENTIVE  
 ON  $\phi$   
 LUTAMAY  
 $\downarrow$  DIF-LL

T  
 COMBIN  
 3  
 TH JP

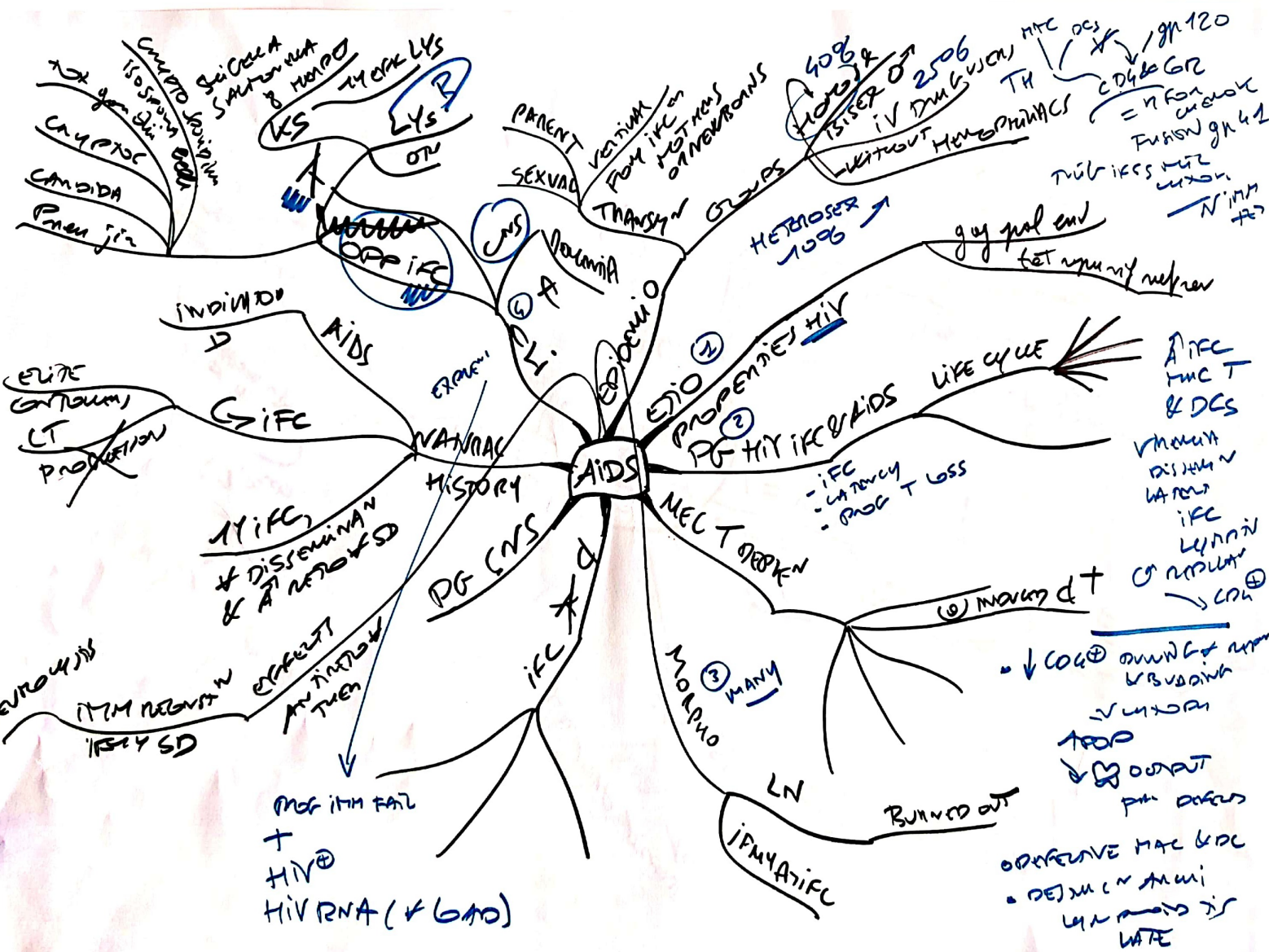


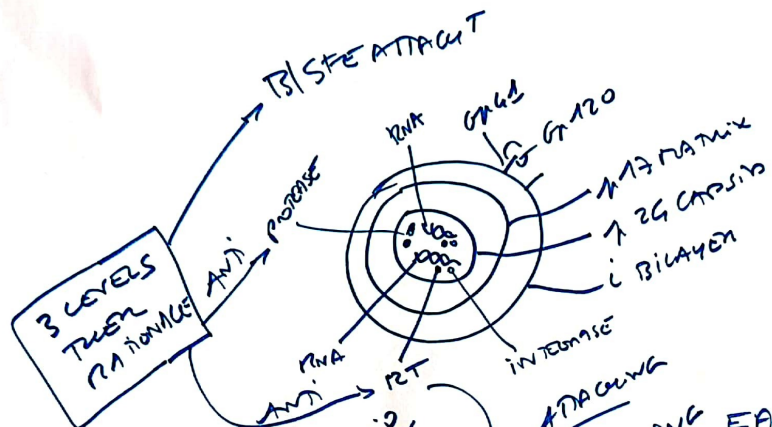
- CV VARIOUS GNET T&B
- Di Gene 7744 DZ FALUK DYT 3+ & L - PIM

EX IFC IMM DEFIC

PG TYPE	T	B	GD	C
B	B SEPSIS	STREP STAPH HAEKORRUM	STAPH PSEUDOMONAS	NEISSERIA OTY PYLOIC
X	CMV EBV SEVERE VARIOLA G.IFC + RESP LEINTA	ENTEROV ENKOPHITIS		
FUNG & PARASIT	CANDIDA PNEUMONIA Coccidia	SEVERE INT GAMPHYSIS	CANDIDA NOCARDIA ASPERGILLUS	
SPECIAL FEATURES	AGGRAVATED WITH OOP PF FAILURE TO CUM. IFC	REC SINOPULM IFC SEPSIS C → MENINGITIS		

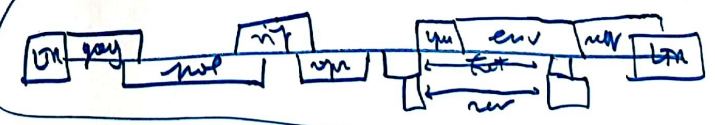
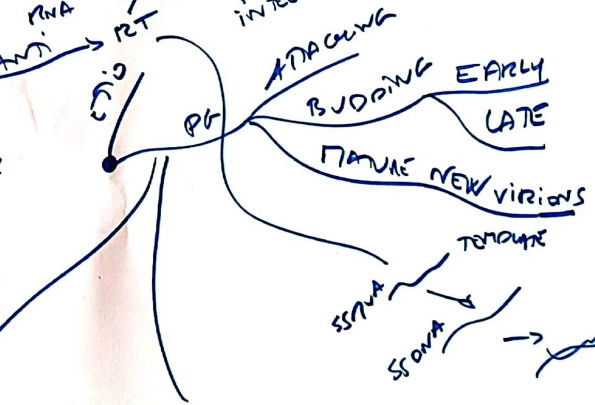






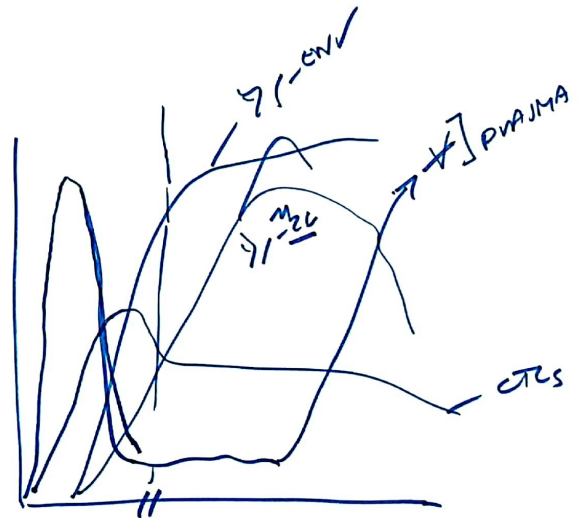
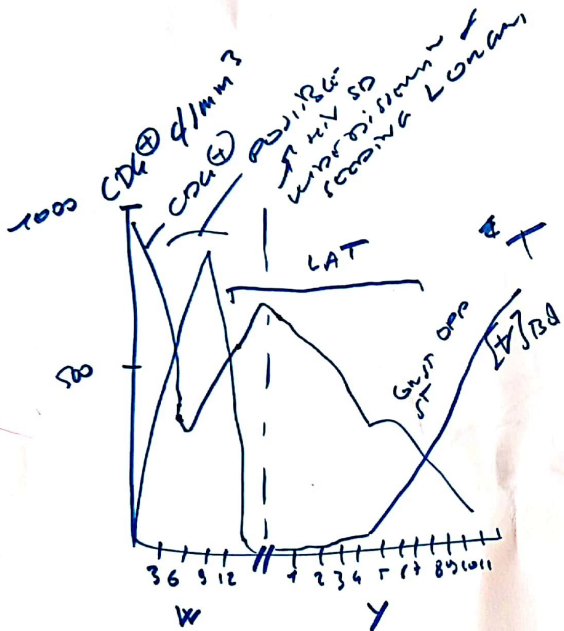
EXTERNAL  
 ⊕ LE  
 ⊖ LE  
 BETWEEN INTERNAL  
 = CORE

- 1) 1% ITC of IN Rd, nuc
- 2) 1% ITC
- 3) 1% ITC
- 4) 1% ITC
- 5) 1% ITC
- 6) 1% ITC



EXPOSURE  
 & REPRODUCTION  
 LE CD4 & USE → DESTRUCTION  
 LT broken  
 CD4

GRAVES



1 SF 2  
 2 100% 71-

