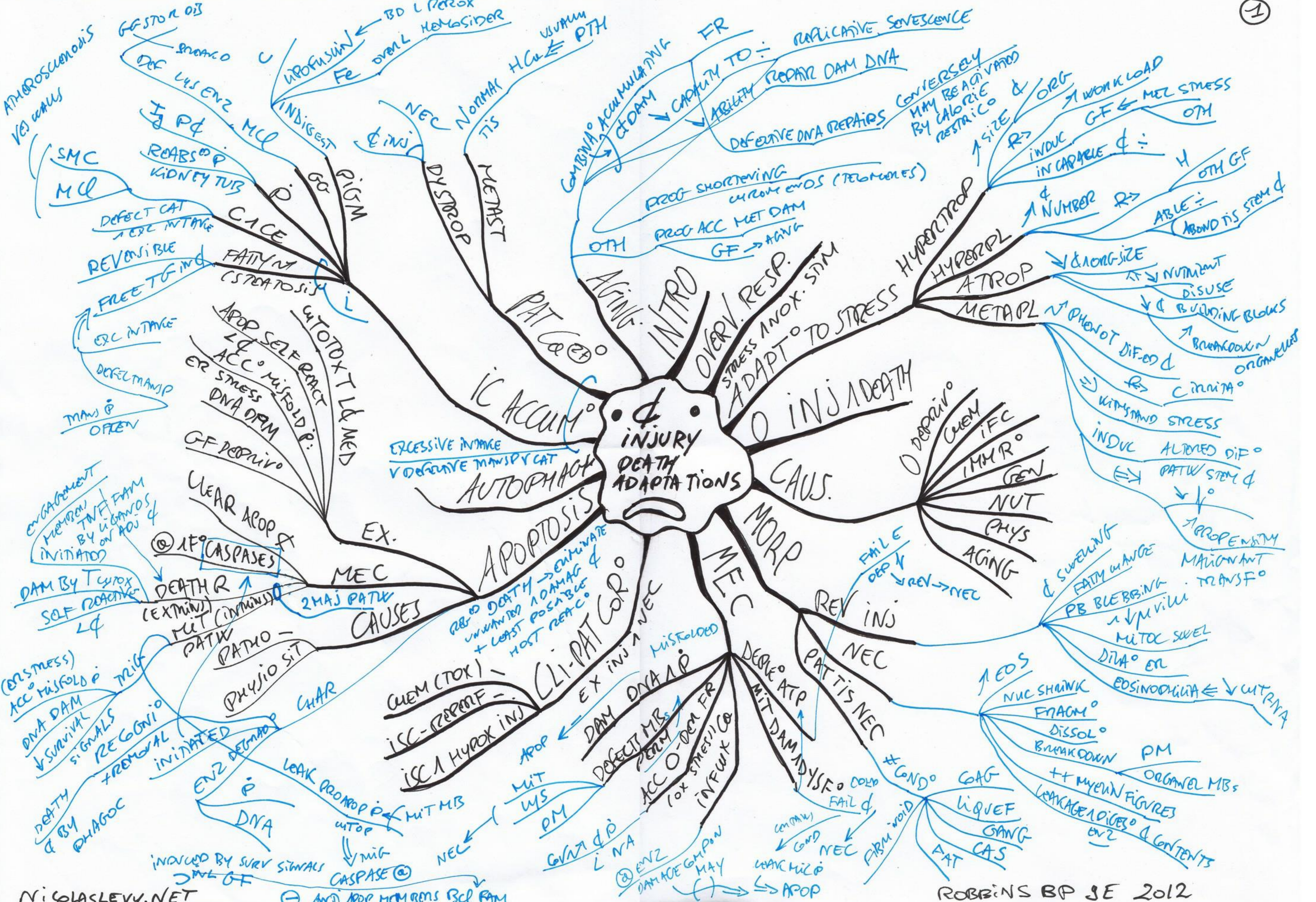


INJURY DEATH ADAPTATIONS



INFLAMMATION & REPAIR

IFC DIABETES
ECM + (-) KE BIDS SKIN
+ SMYGL SYNT IN CI -> FIBROSIS
WOUND STRENGTH HEALING SIGN WOUNDS

REMODELING
GF
ECM -> FIBRINOGENIC MMPs
1 MMPs
GRANULOA TISSUE
GF
ANGIOGEN
STEPS

FIBROSIS
PARANC
WOUNDS
WOUND STRENGTH HEALING SIGN WOUNDS
CUT
UNION
2nd INT
1st INT
CONTRACT

CONNECTIVE TISSUE
G
ELASTIN
COL
MEC
ADHES GP
ADHES R
GF - PG A HYAL
ELAST
COL
FIBRIL

ROLE REG EN
GMP
GF
SIGNAL TRANSDUC
MULTIPLE EFFECTS
SIGNALLING
MEC OF GFR
STEM &

PROLIF CAPAC TIS
CONT & PROLIF
UNIVIPRO RESIOVAL
PROLIF

INFLAMMATION & REPAIR
PERMANENT STABLE LABILE
TIS CONTINUOUS
MATURE SC -> LOST
INTRINSIC CHECKPOINT REG
BM
TNF +
PROLIF

FINEL REP
SCAR FORM
RESOLUTION
TRANSIENT
AUTO PARAC ENDOC

STEM &
PROLIF CAPAC TIS
CONT & PROLIF
UNIVIPRO RESIOVAL
PROLIF

SYSTEME
SEVERE IFC
LEUKOCYTOSIS
FEVER TNF IL1
CRP
PILPG IN HT

SYSTEME
DIC
MET W
SEPTIC SHOCK
LEUKOCYTOSIS
CRP
PILPG IN HT
FEVER TNF IL1

RECOGNITION
NEURAL FORMING
RES COG MIC
VASC M
EVENTS: LEUKOC REC 1 @
EXTRAVASC
LEUKOC IND TIS INJ
DEFECTS LEUKOC T
OUTCOMES ELIMINA
OR VD
REGULATION
REMOVAL
PHAG
KILADEG MIC ROS NO
SEC MIC-GOAL SUB
NETS

MORP
EXCESSIVE RESORPT
SCARRING
SEROUS
FIBRINOUS
SUP
ULGER
MORP
ANTIFIB DRUGS
MORP
MORP

CHEM MEDAREG & DER
CYTOK
ROS
NO
LYS ENZ LEUKOC
NEUROPEP
PLASMA DER
ANTIFIB MEC
SYS
COAG KIN SYS
PHAG
KILING
FIBRINOLYTIC
VASC PRO
PAIN

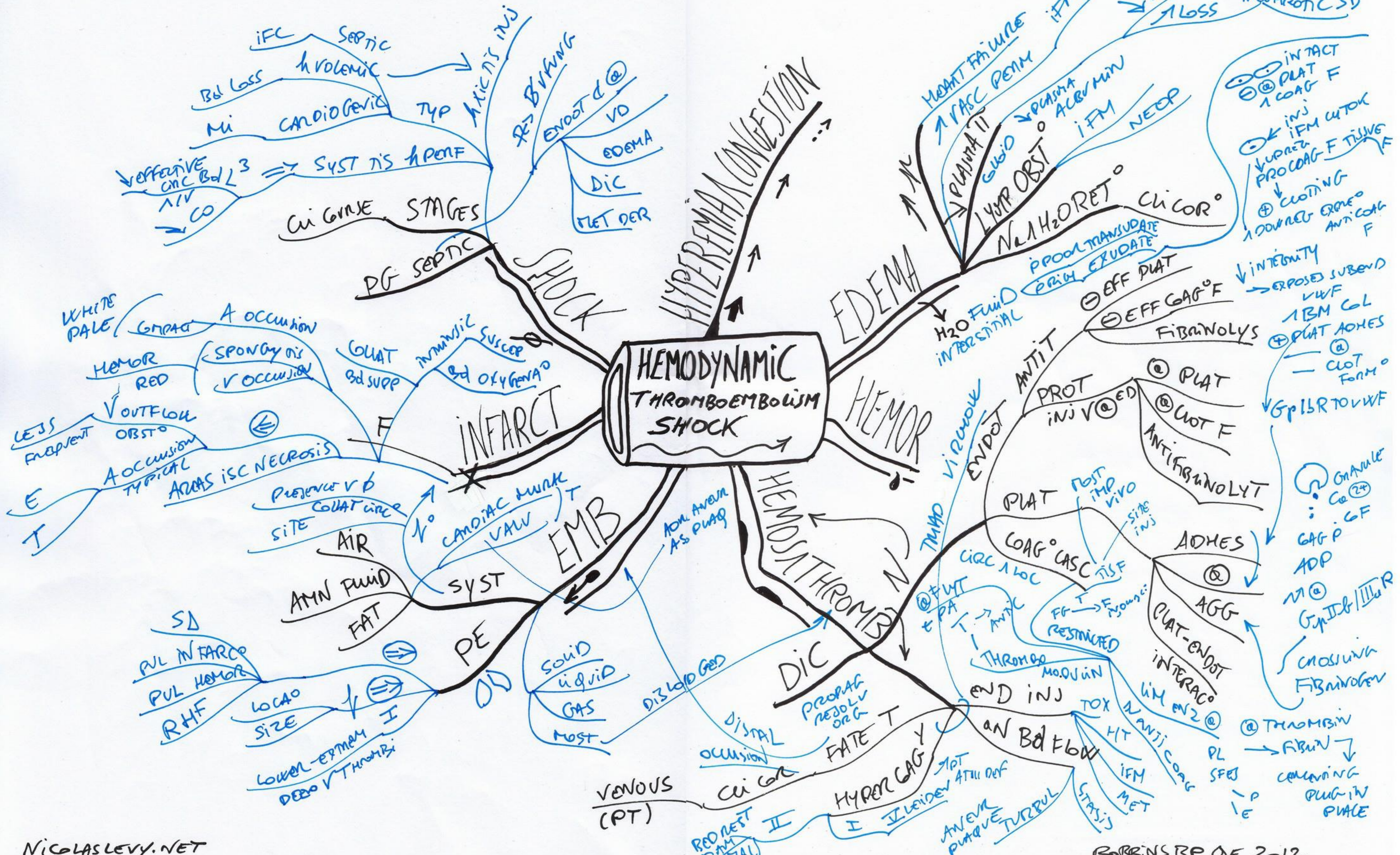
GRAN-OUS
M Q @
L Q
O TH
INFILTRATE
OPEN + PROMINENT
FIBROSIS IMM R
BY SCAR REPAIR ATTEMPTED
DIS INJ
PROLONGED HOST R
TO PERSISTENT
CAUSES
MANY D
TOX
SILICA
IMM REMANST SELF
ENVIR AN

SUMMARY OTHER MAP!

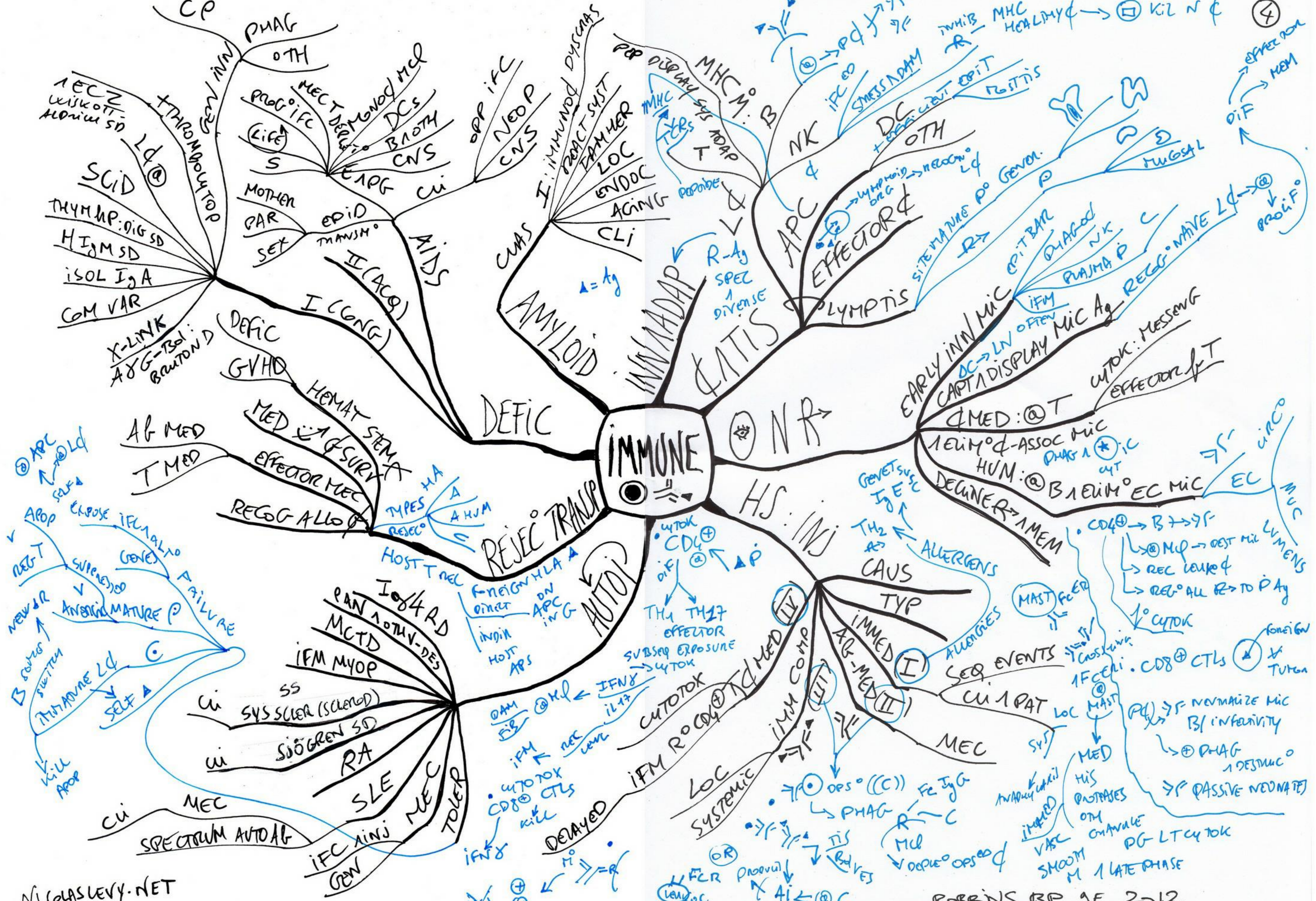
REVERSES G-P
MMP CAN SC
INDUCED PLURIPOT SE
CIPS
UNIVERSE BM
PLURIPOT
EMBRYO (ES)

PERMANENT STABLE LABILE
TIS CONTINUOUS
MATURE SC -> LOST
INTRINSIC CHECKPOINT REG
BM
TNF +
PROLIF

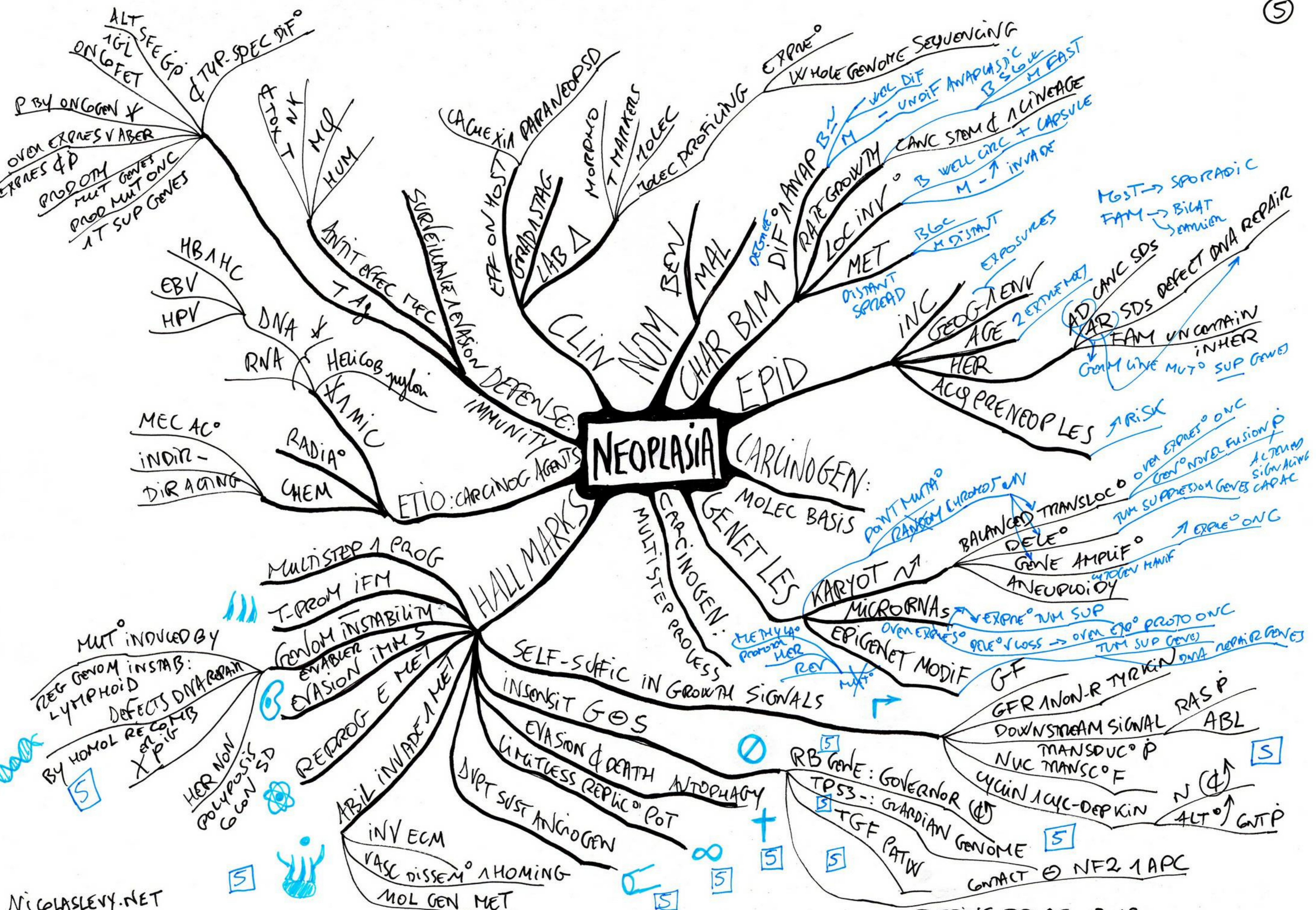
HEMODYNAMIC THROMBOEMBOLISM SHOCK

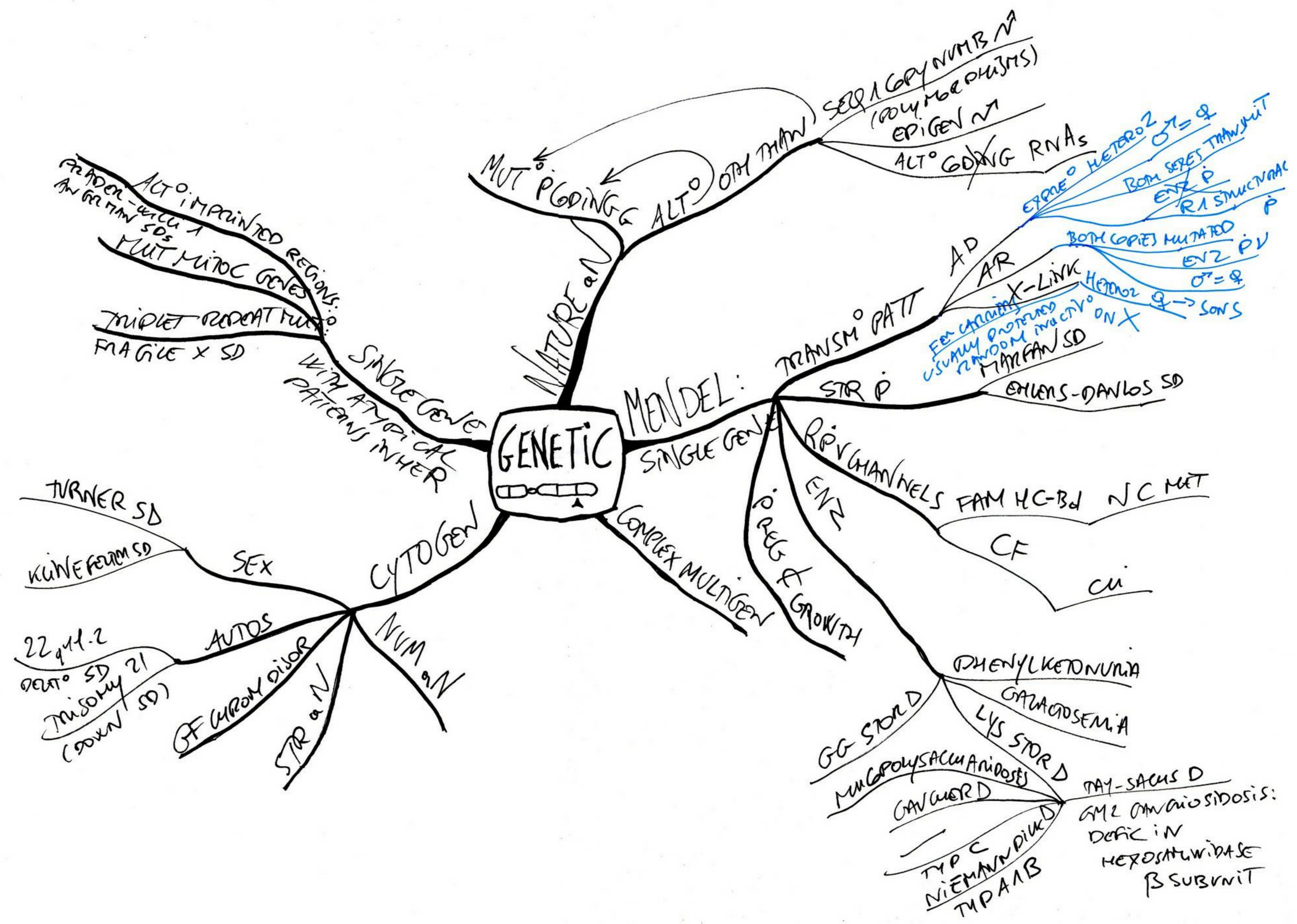


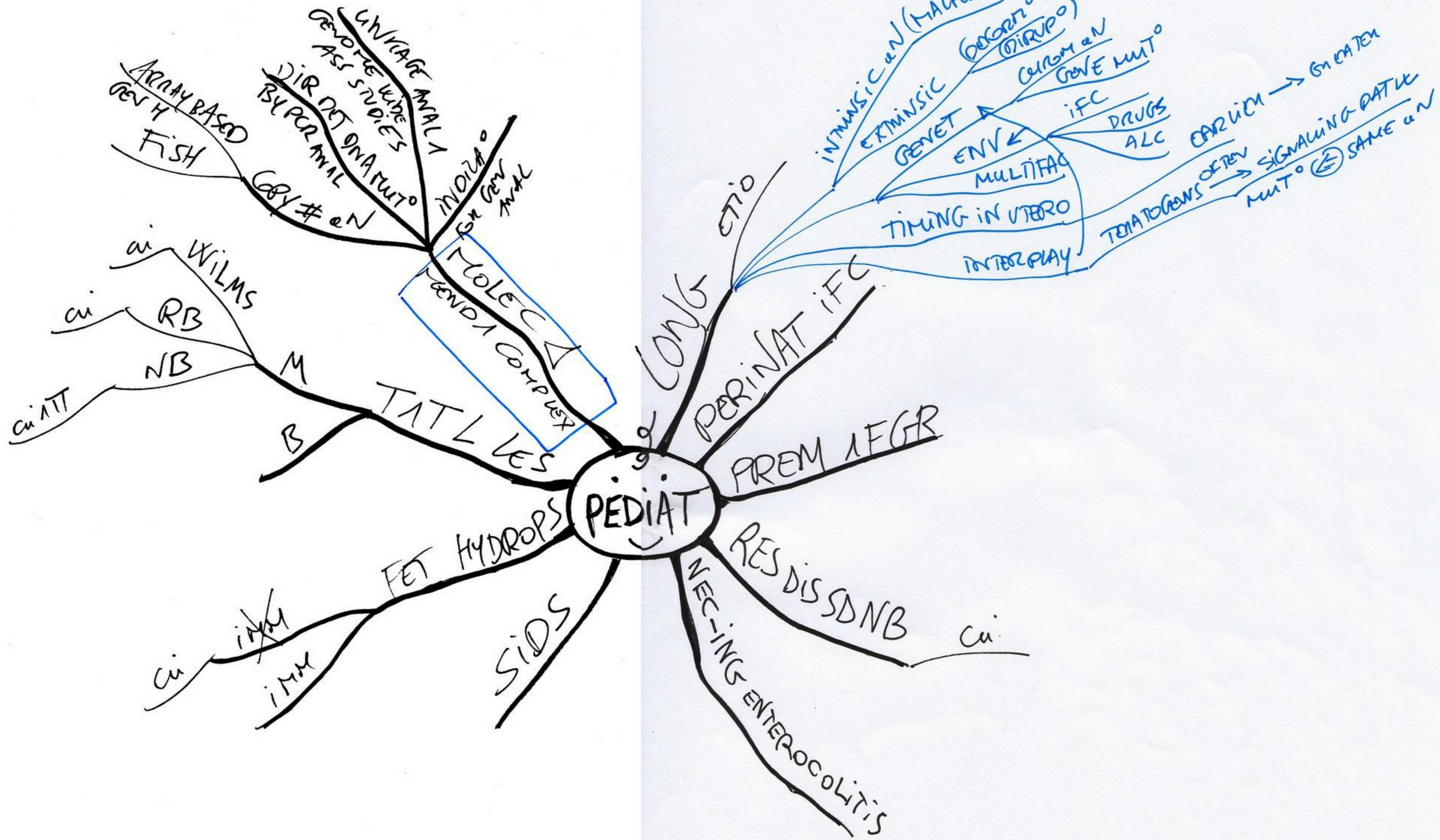
IMMUNE

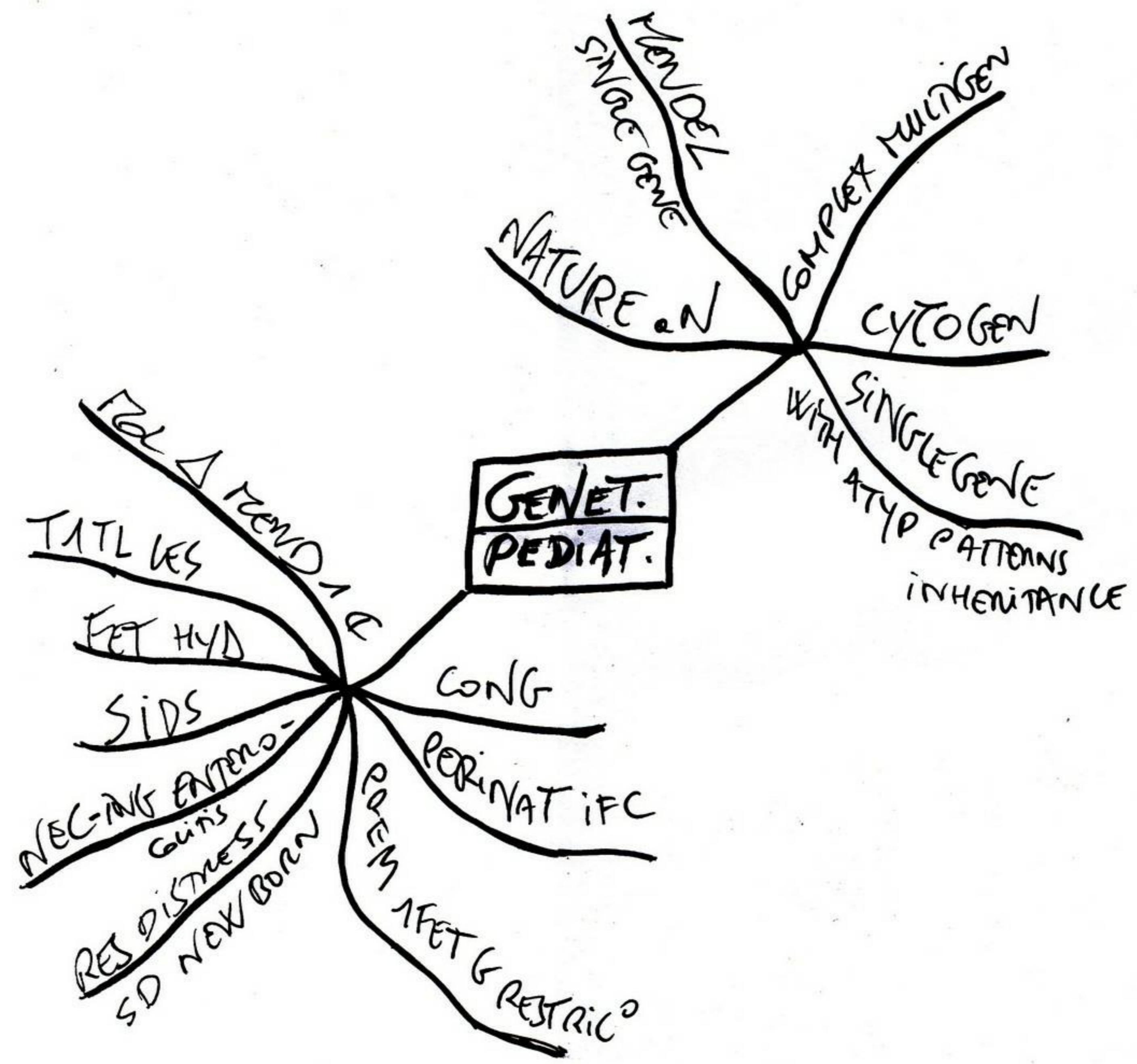


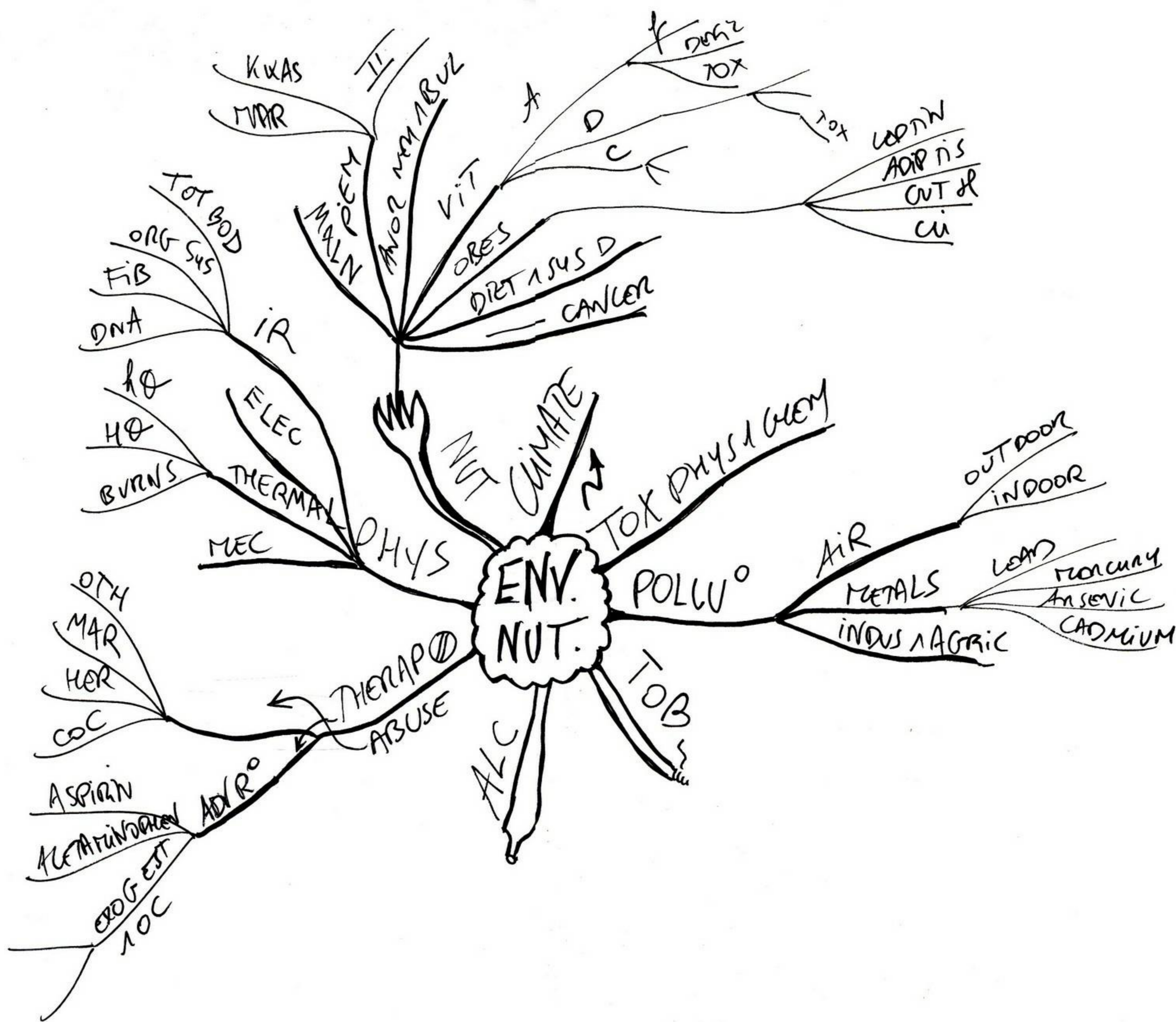
NEOPLASIA

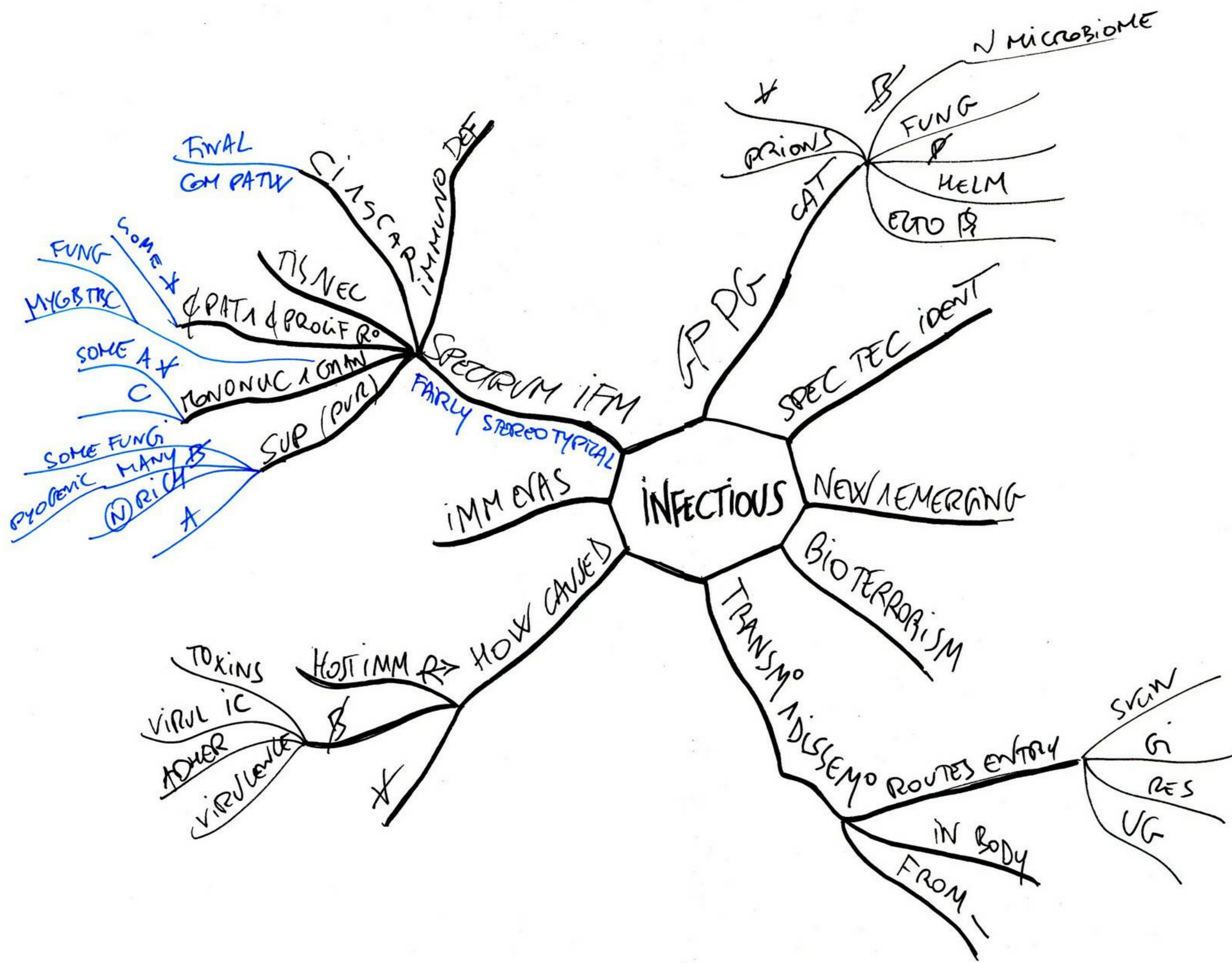




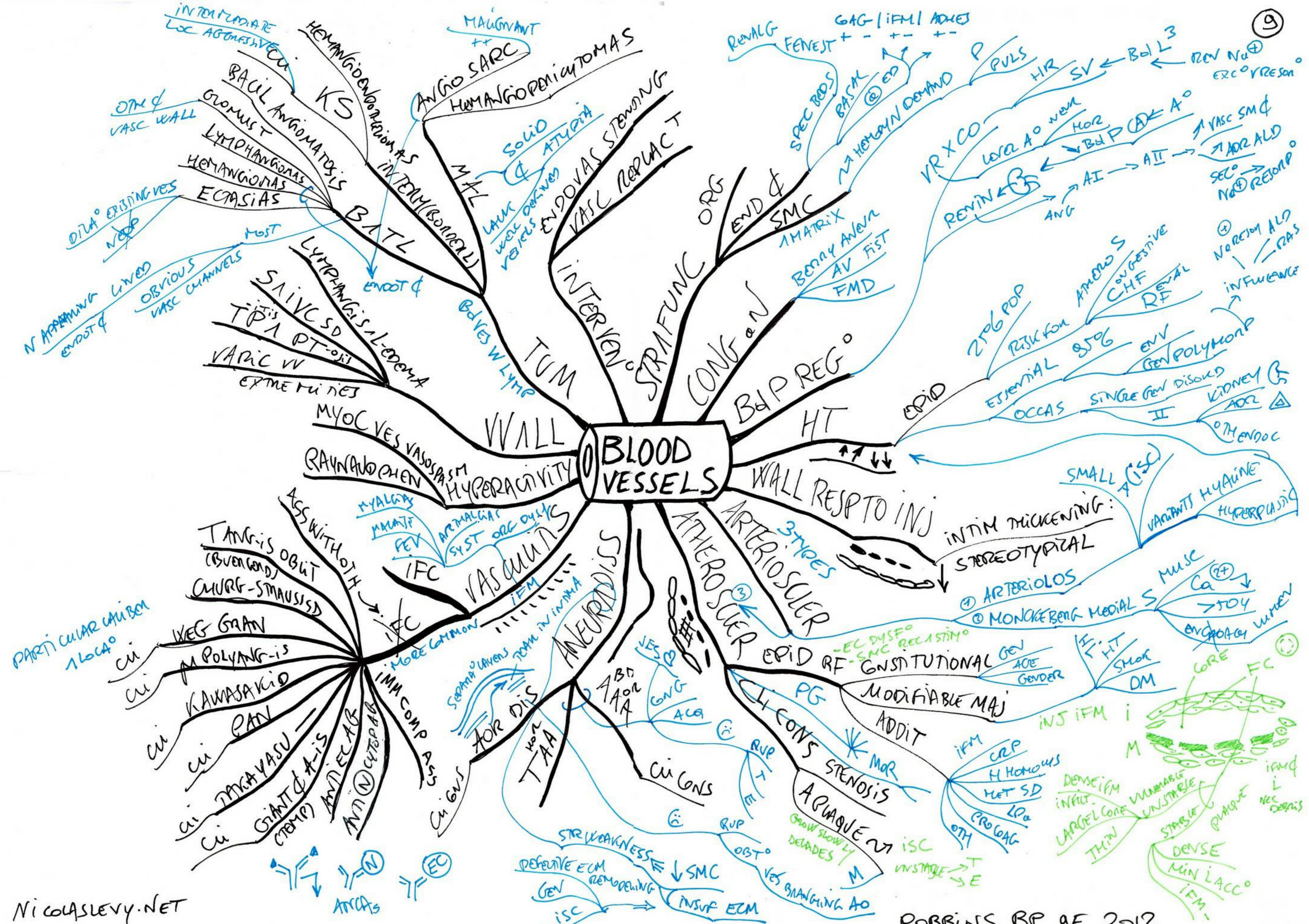








BLOOD VESSELS



RED CELL

ANEMIAS

SHOCK
ORGAN FAILURE
SHORTNESS OF BREATH

A
C

CLIN
LASSITUDE
FATIGUE
PALLOR
JAUNDICE GALLSTONES
+ HEMOL + NEUTROPHILIC EOSINOPHILS
IE SEVERE
AGN GEN
Fe OVERL
ENDOC
G PROLIFERO
BONE DEFORM

BA LASS: HEMOR
ADE MUTO
IMB A BENTUAL
ANEMIA
SPLENOMEGALY
PHAG-ES
REMOVES IN SPLEEN

HEMOLYT
DESTRUCTIVE
SINCE ♀
NORMOCYTIC
AN SHAPES
BLOCKAGE VESELS
PANCREAS
TIS IN FANC
MARGOSIC
SPLEEN

THALAS
MODERATE → SEVERE HEMOL
UNPAIRED α
β GLOBIN → ↓ Hb SYNTHESIS
ANEMIA

G6PDH DEFIC
X LINK
MUTO DESTABILIZE
G6PD
RC SUSCEPTIBLE
OXIDANT DAM
AGGREGATES
DAM
RC PRECIP
↓ IMPAIR
EPO-RESP

HND
OPSONISA
EXTRA VASC HEMOLYSIS
C FIXA
INTRA VASC HEMOLYSIS
(UNCOMMON)

POLYCYTHEMIA

erythrocytosis
ABSOLUTE
RELATIVE
P L3
(chemo on leukemia)

VERY THROMPOIESIS
↑ PRODUCE
CYTOMYTHOBLASTOSIS
+ TEAR DROP
SHAPED RC
IN P

MEGALOBLAT
MACROCYTIC
CHRON D
Fe DEFIC
C BLEEDING
INADQATE
Fe INTAKE
CATHAL
ADHERE
SMALL VES IN BRAIN
CBF

APLAST
BM FAILURE
M4
RAD
TOX
IDIOSYNCRP
TELOMERASE
DNA REPAIR
DMMGS
INH DEFECTS

MYELODYSPLASIA
MYELOID S4
a N PROLIF
MYELOID S4
I
II
EPO
SURVEILLANT
ATHLETES
ENDURANCE
CR
EPO
SECRETION ADAP
PARAMP
ADAP
INH ANTIANGING
RARE
N LOW EPO
POLYCYTHEMIA
VERA
CBL
MEMBRANE
BLASTOMA
LUNG D
HIGH ACTIVITY
CYANOTIC

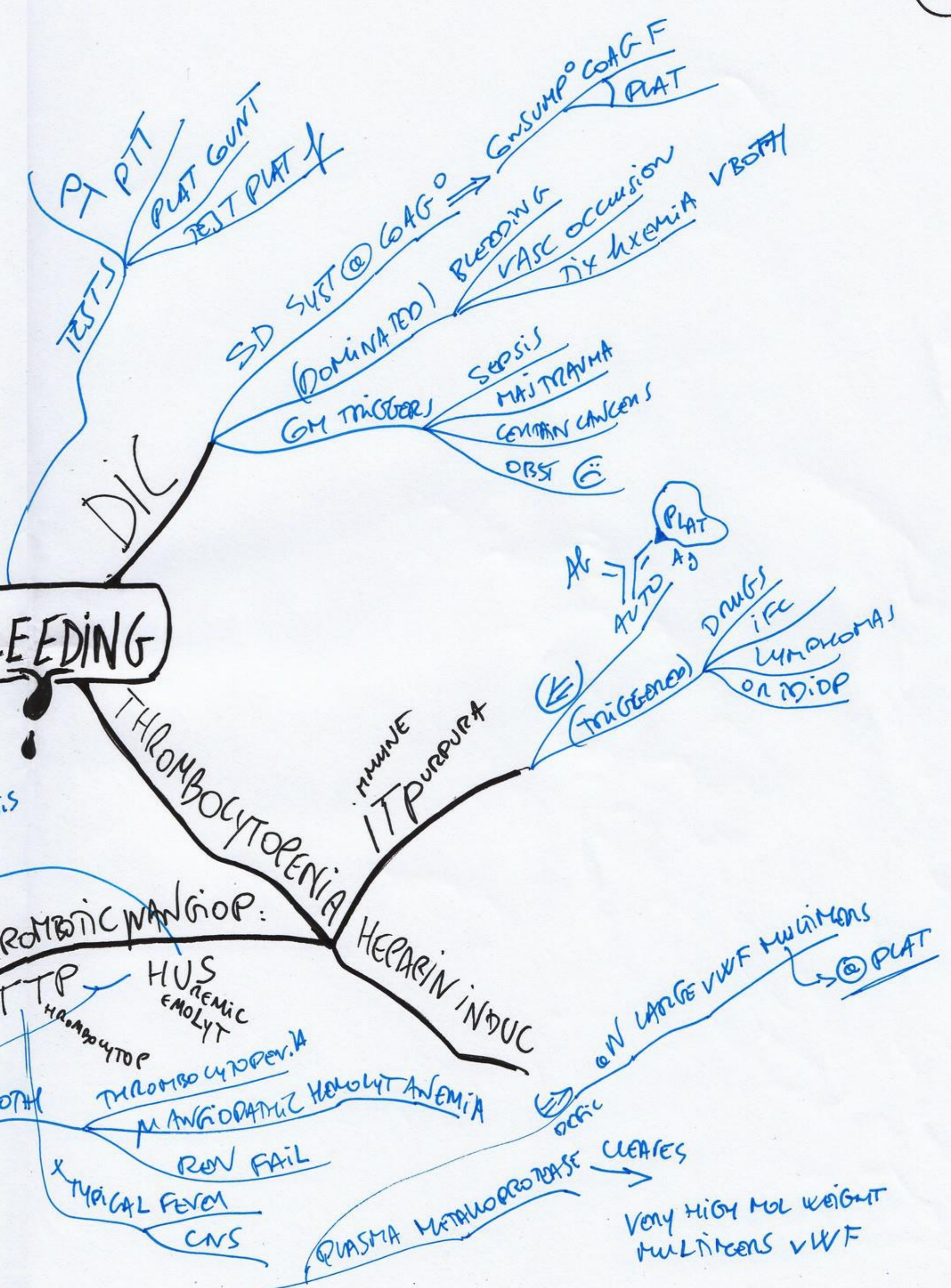
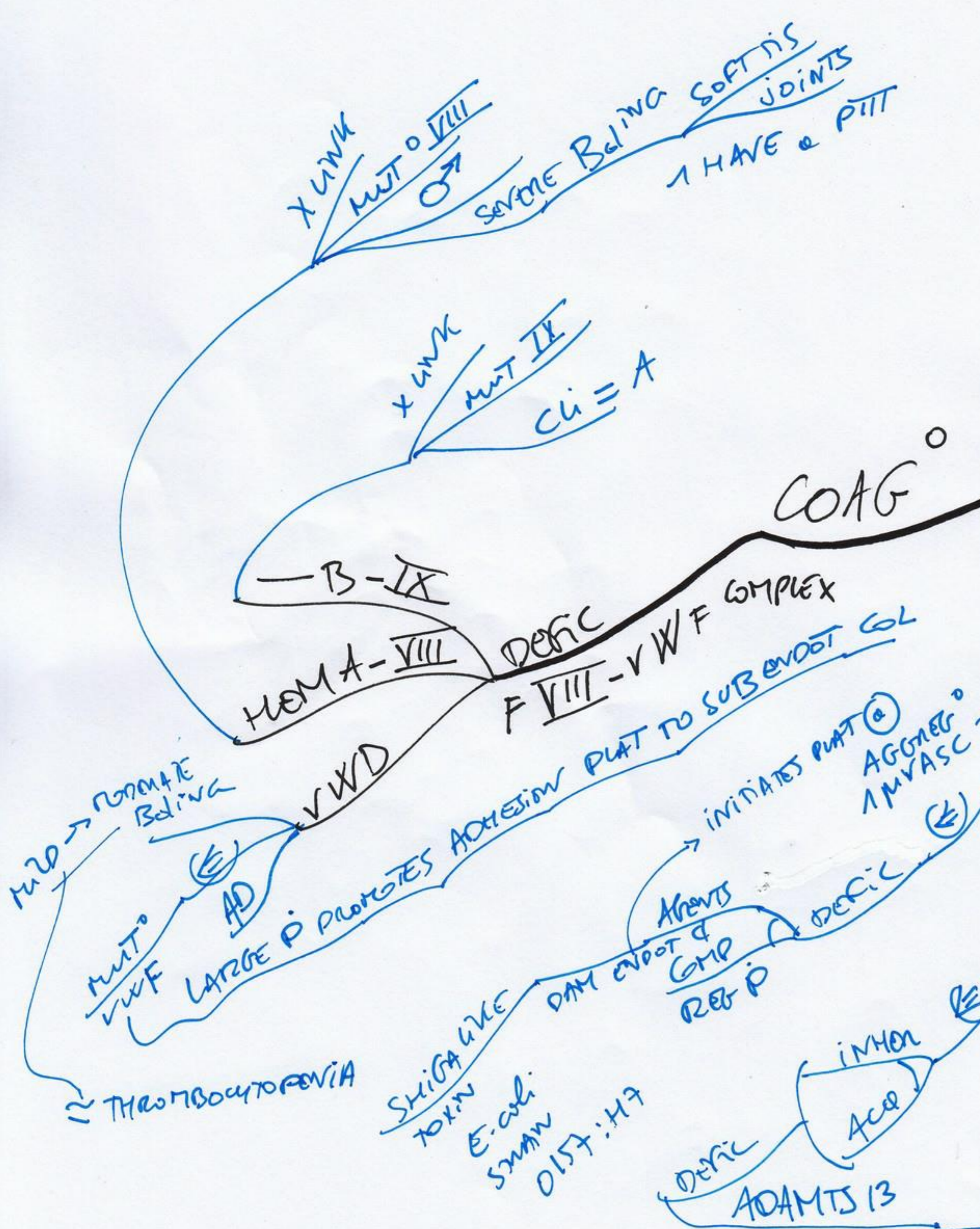
REV d CA HEPATOC
CYANOTIC
HIGH ACTIVITY
LUNG D
CBL
MEMBRANE
BLASTOMA
LUNG D
HIGH ACTIVITY
CYANOTIC

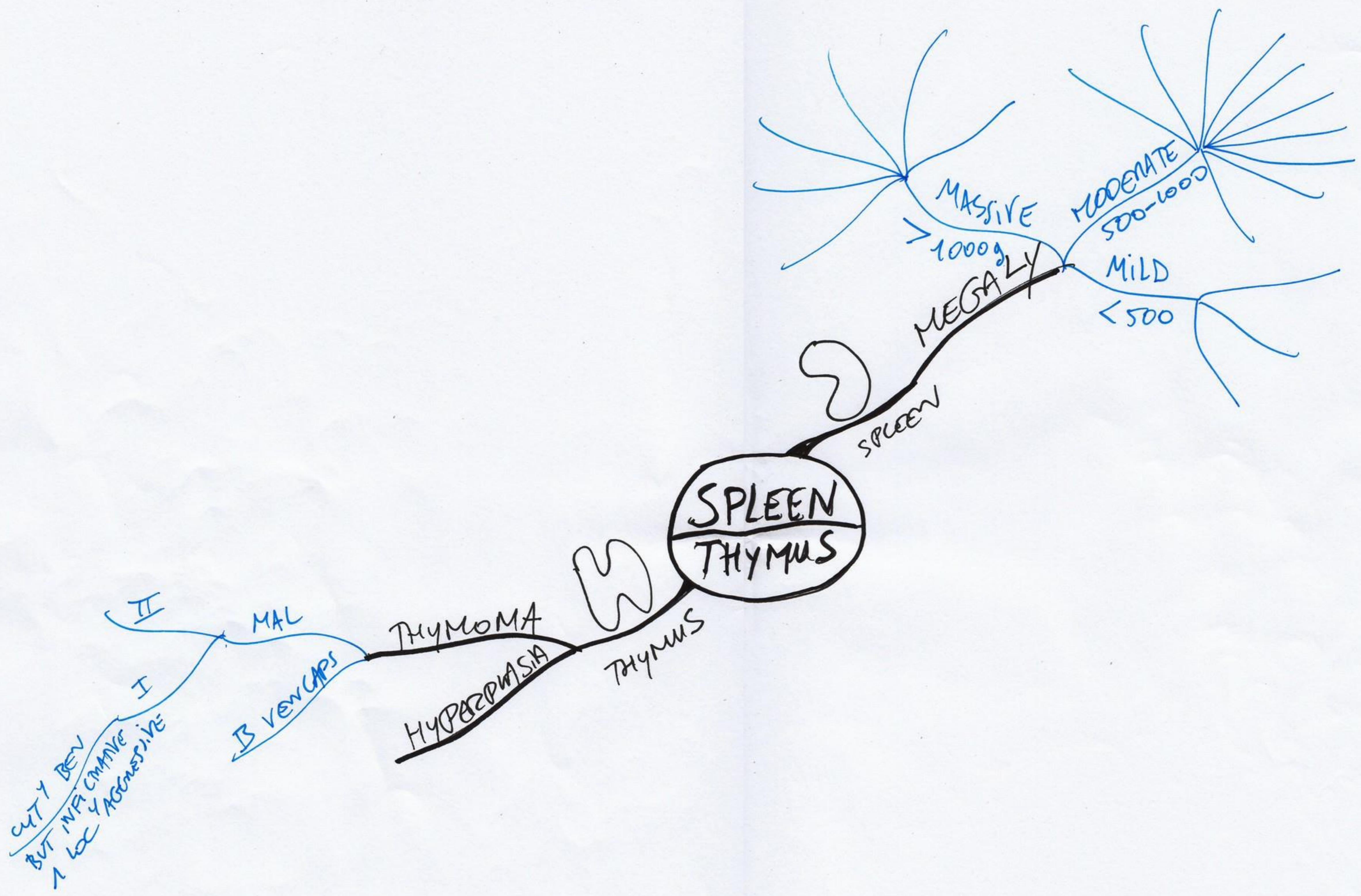
APPEARANCE
GRANULOMATOUS
MET CA
BM → METASTATIC
INFLAMMATIVE
PROCESSES
MYELODYSPLASIA
MYELOID S4
a N PROLIF
MYELOID S4
I
II
EPO
SURVEILLANT
ATHLETES
ENDURANCE
CR
EPO
SECRETION ADAP
PARAMP
ADAP
INH ANTIANGING
RARE
N LOW EPO
POLYCYTHEMIA
VERA
CBL
MEMBRANE
BLASTOMA
LUNG D
HIGH ACTIVITY
CYANOTIC

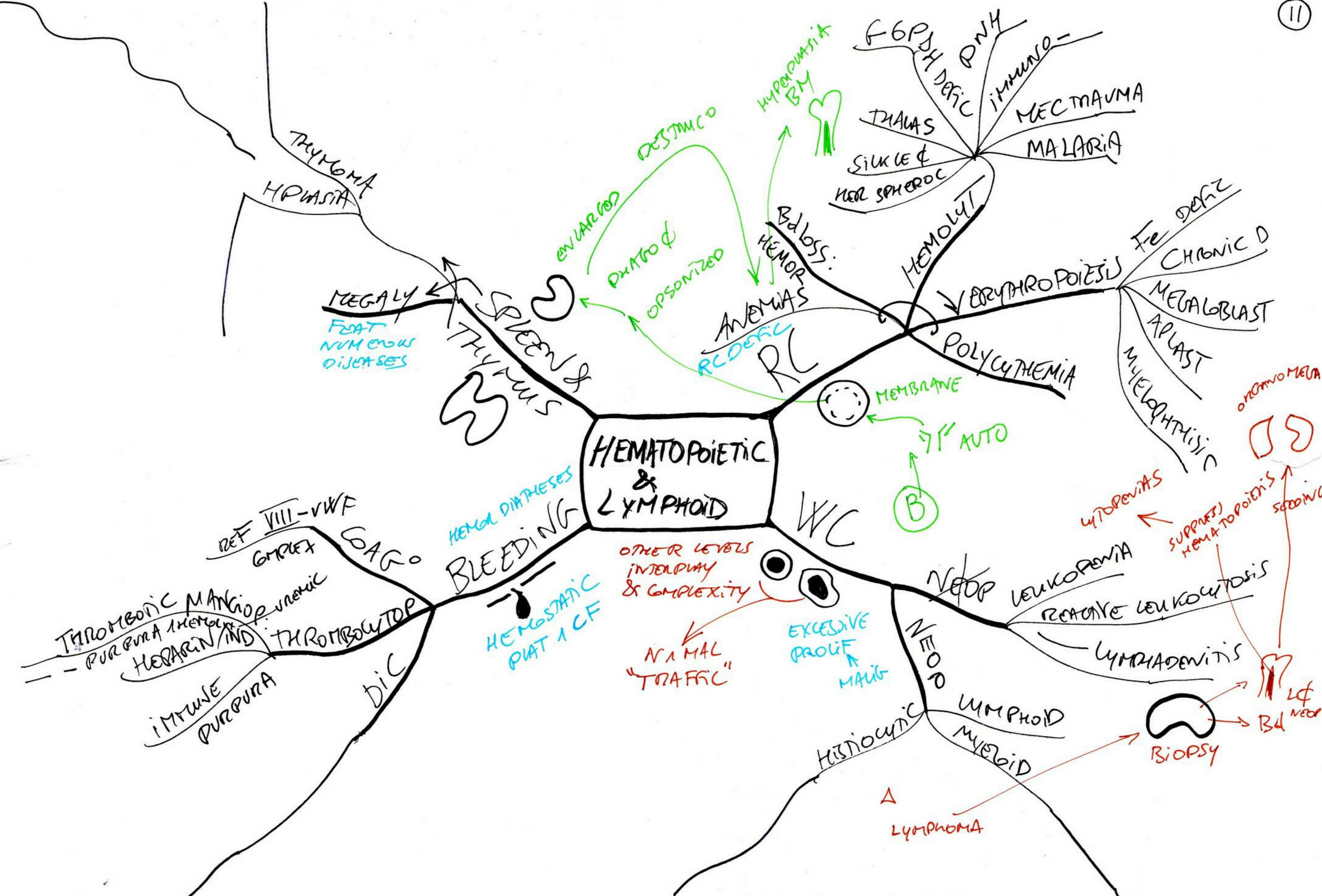
MEGALOBLAT
MACROCYTIC
CHRON D
Fe DEFIC
C BLEEDING
INADQATE
Fe INTAKE
CATHAL
ADHERE
SMALL VES IN BRAIN
CBF
FALICIPARUM
ic parasite
G-D AB
MARM AG
IMMUNO-
NORMAL
Ag MODIFIED BY HAPTENS
DRUGS
OPSONISA
EXTRA VASC HEMOLYSIS
C FIXA
INTRA VASC HEMOLYSIS
(UNCOMMON)



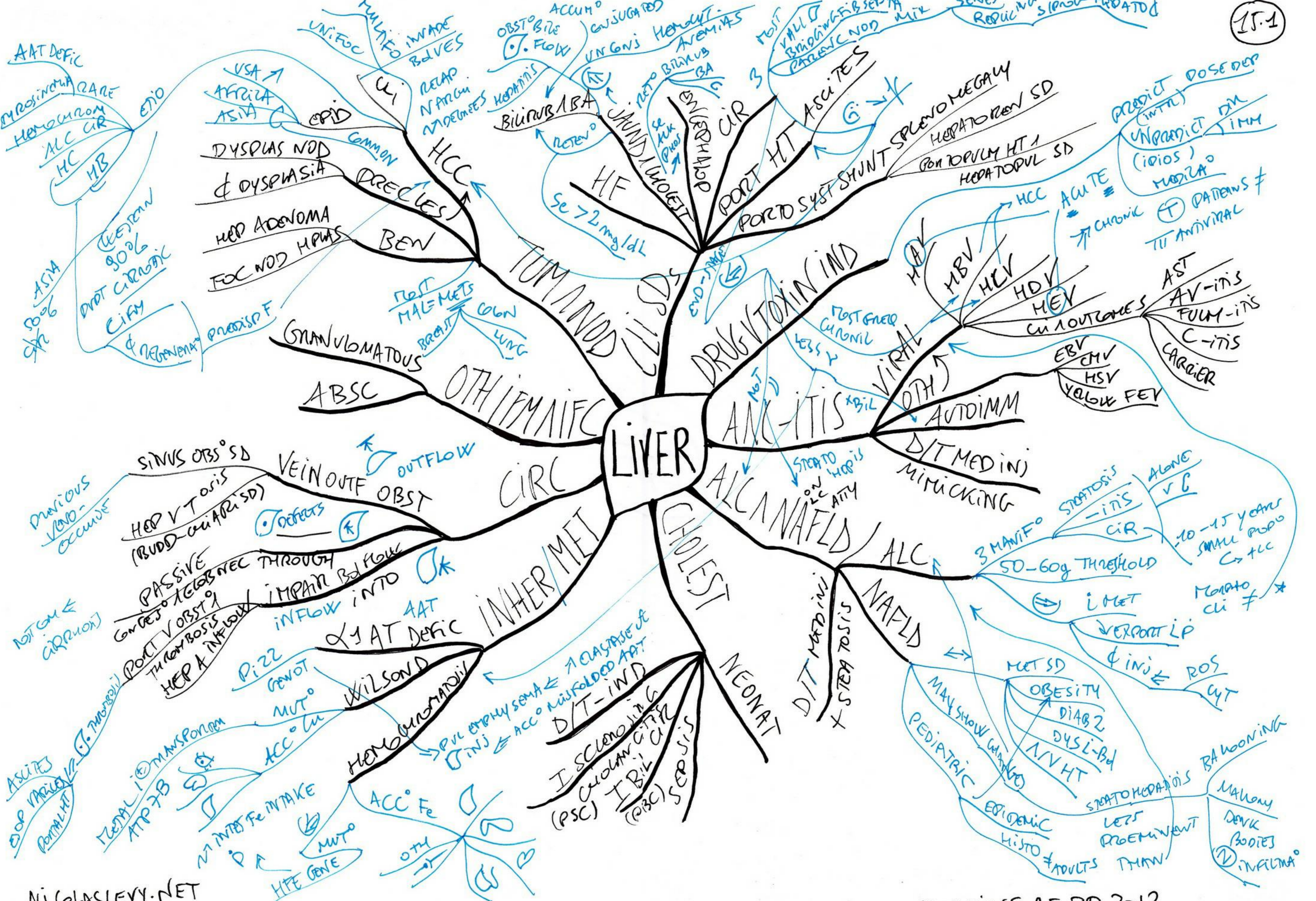
BLEEDING

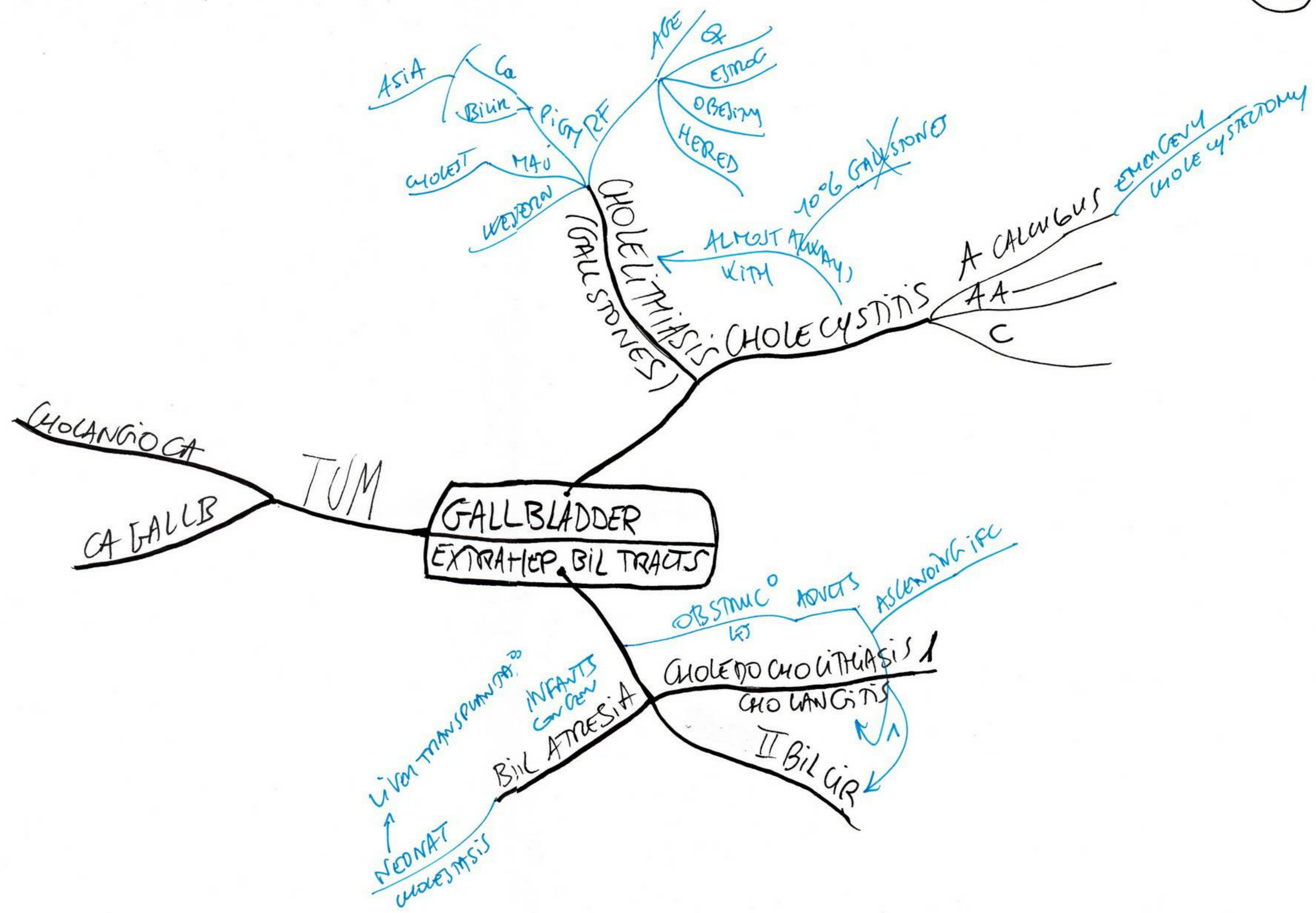


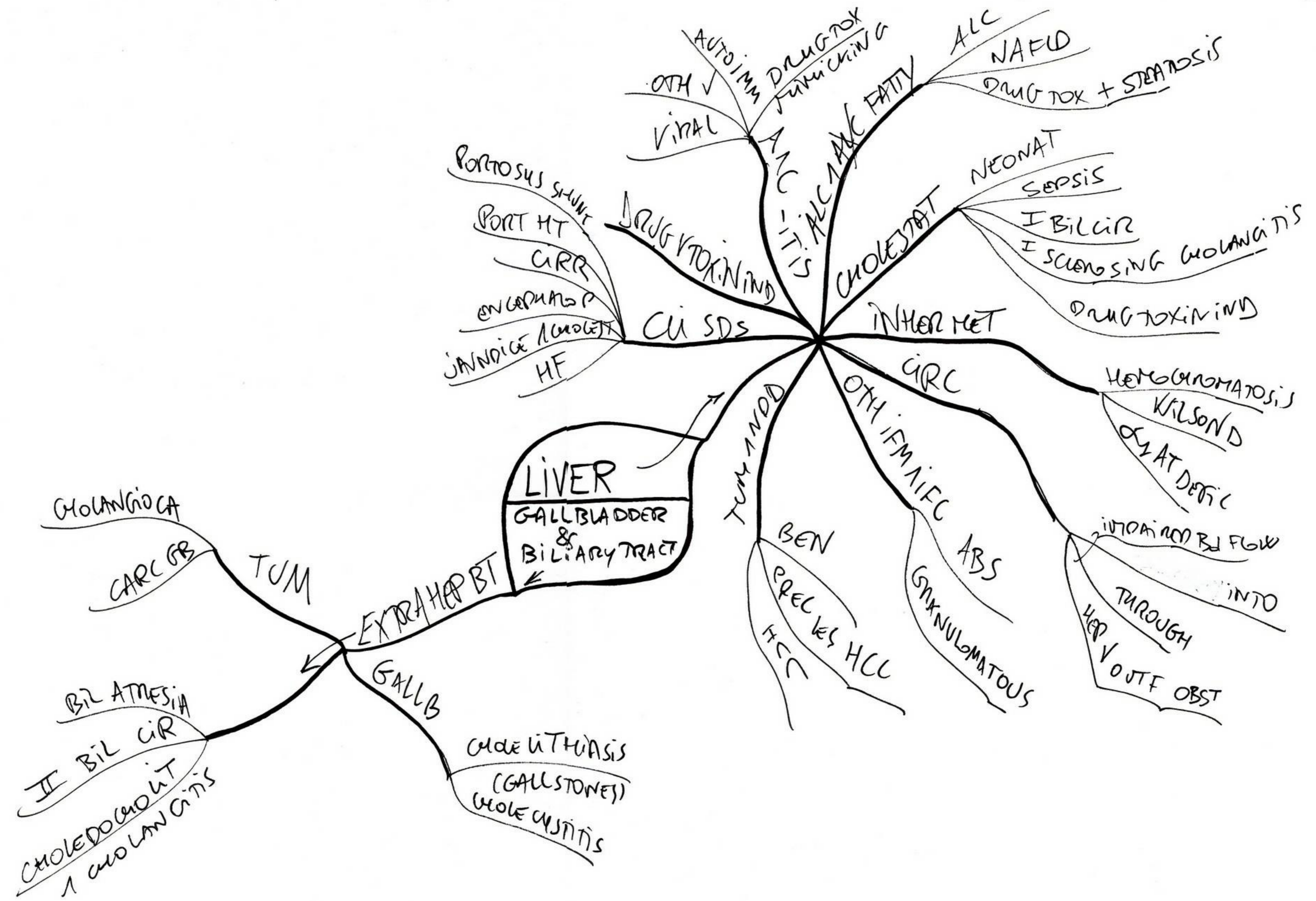


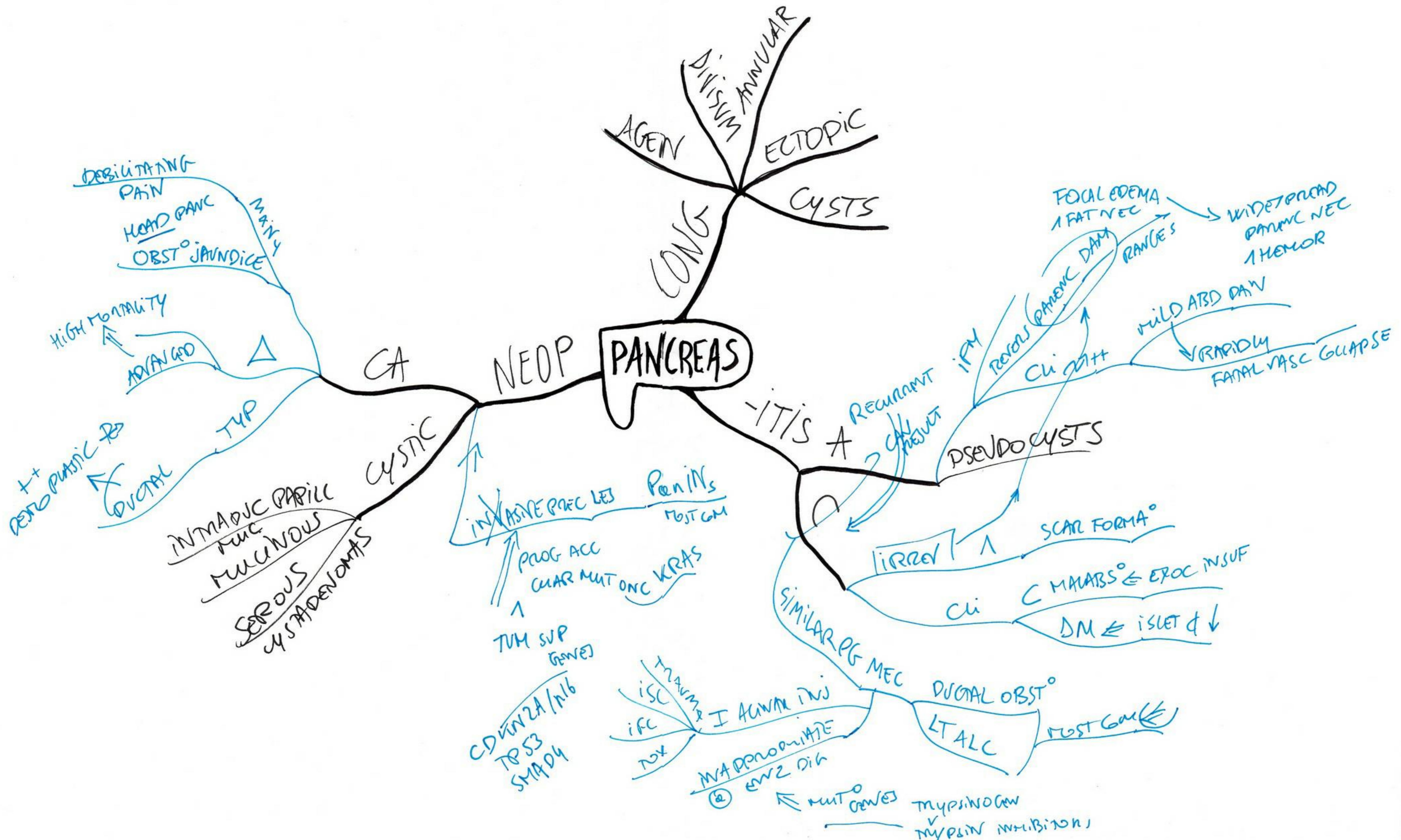


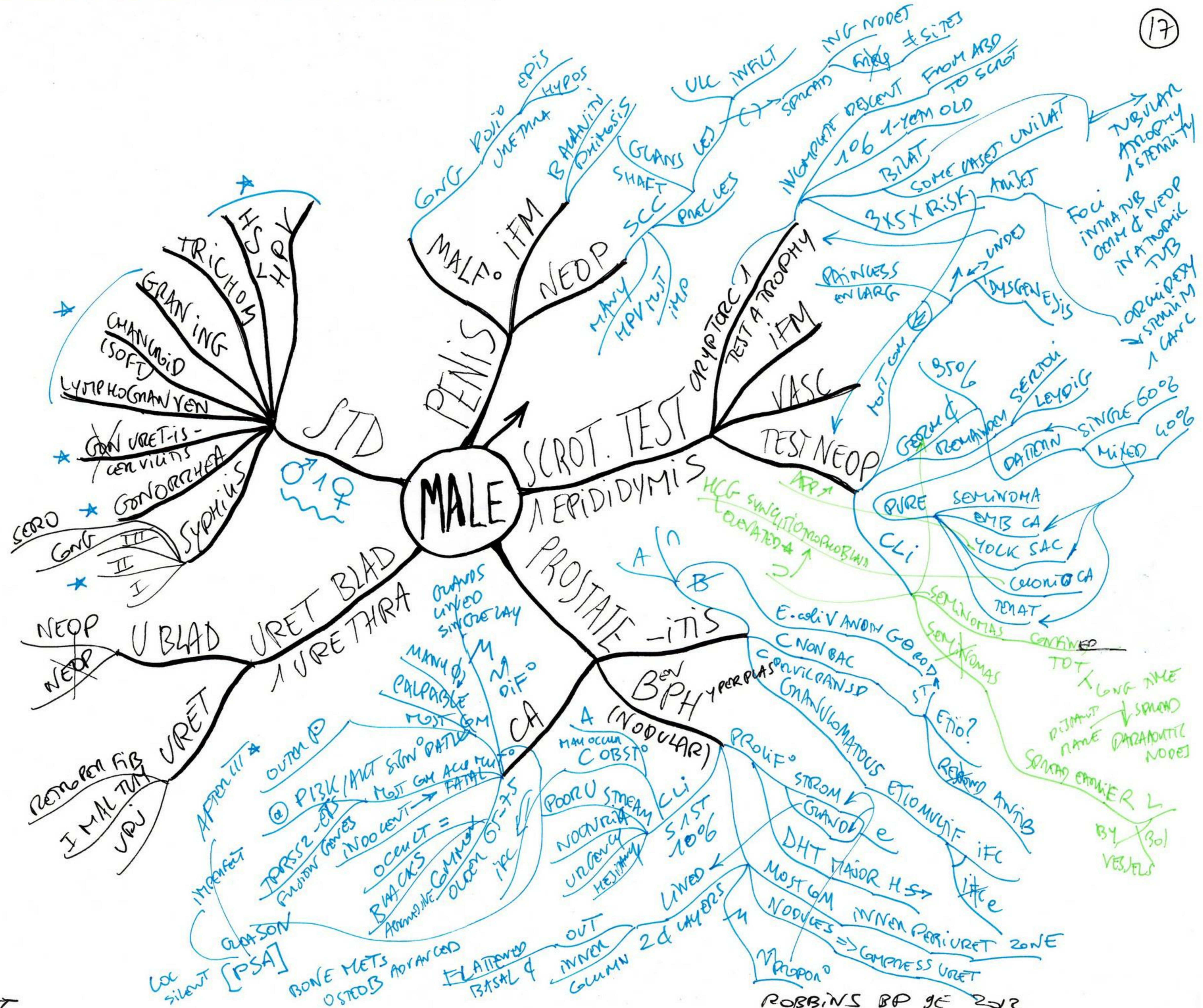
LIVER

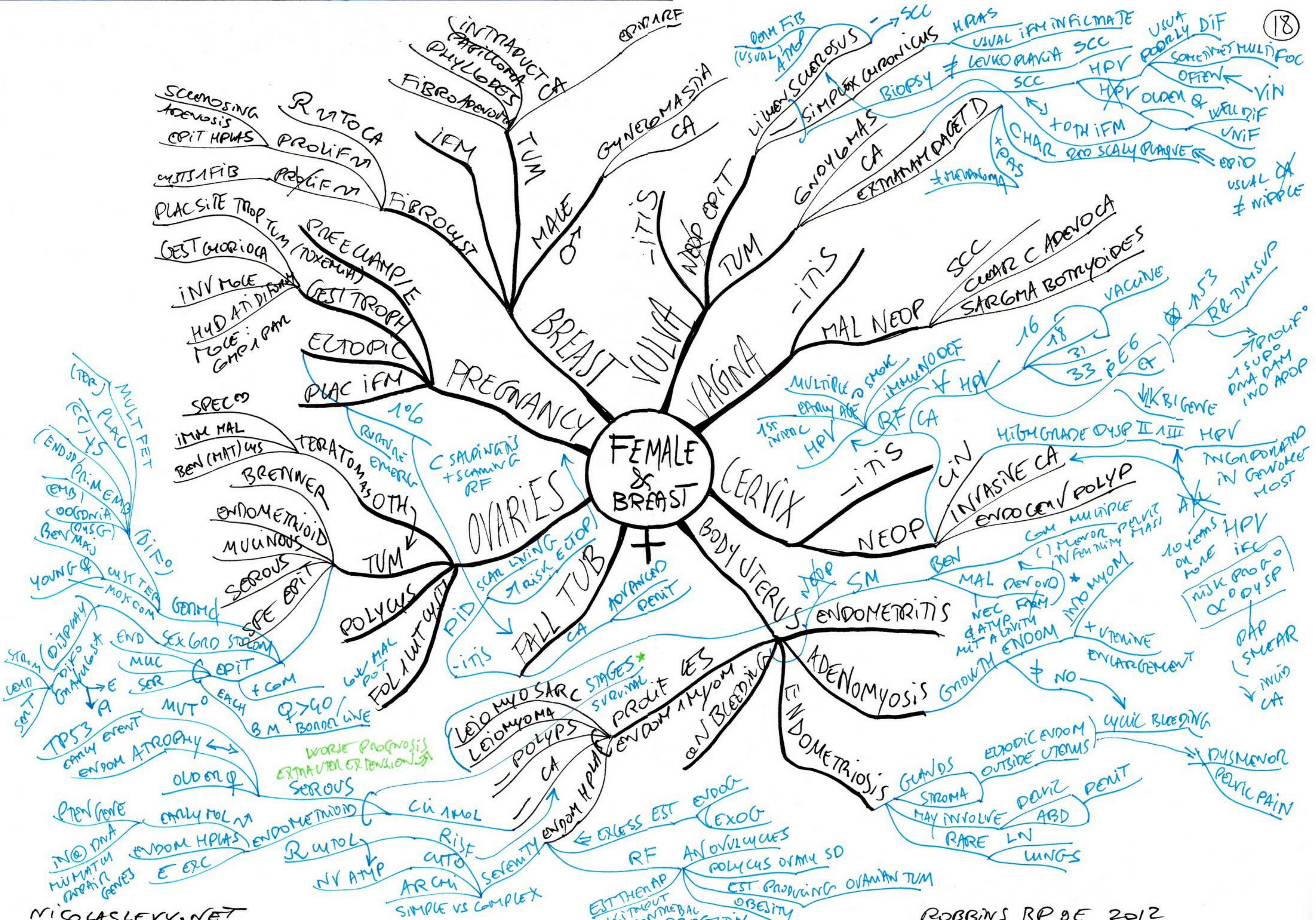




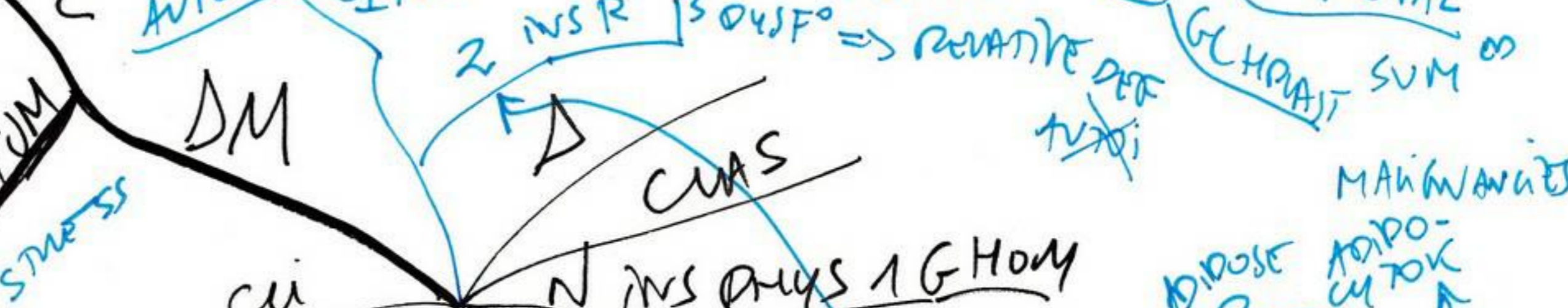
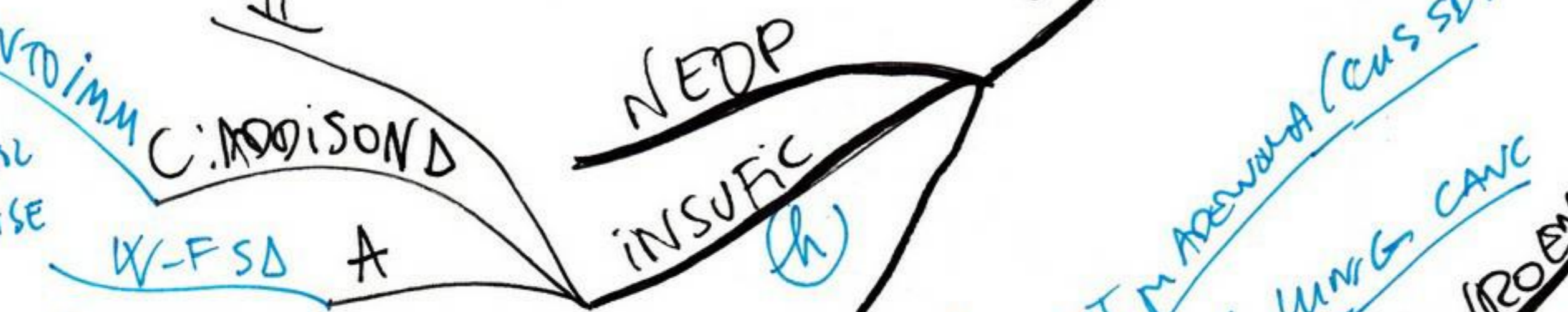
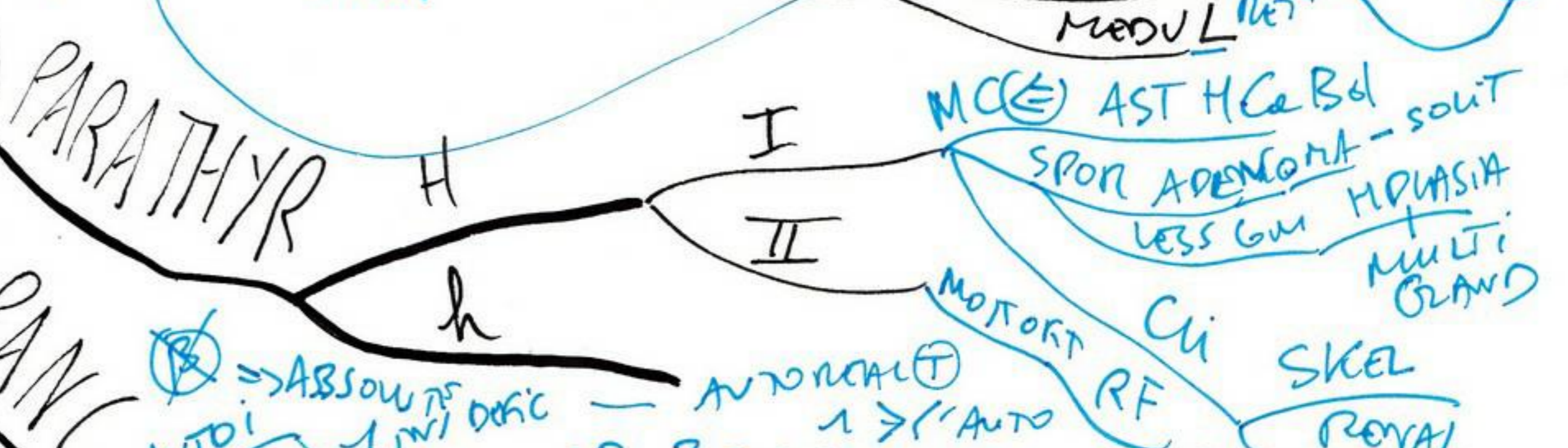
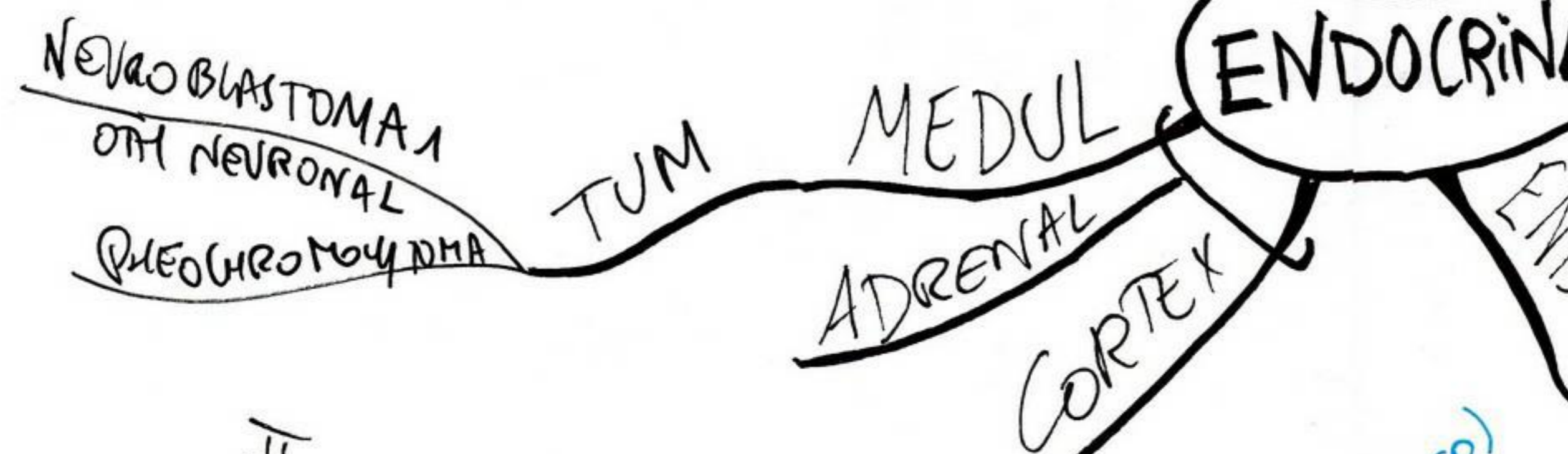


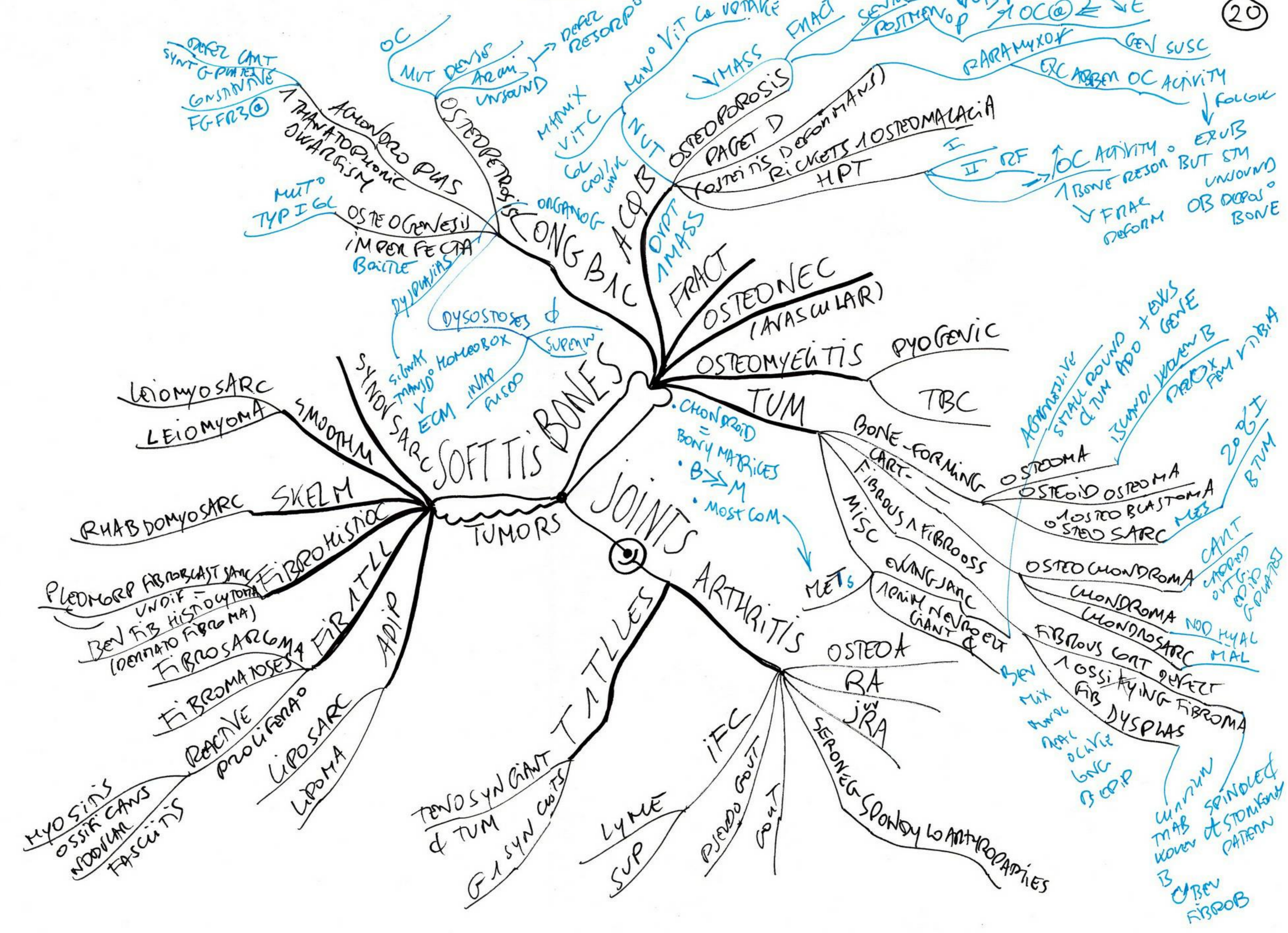


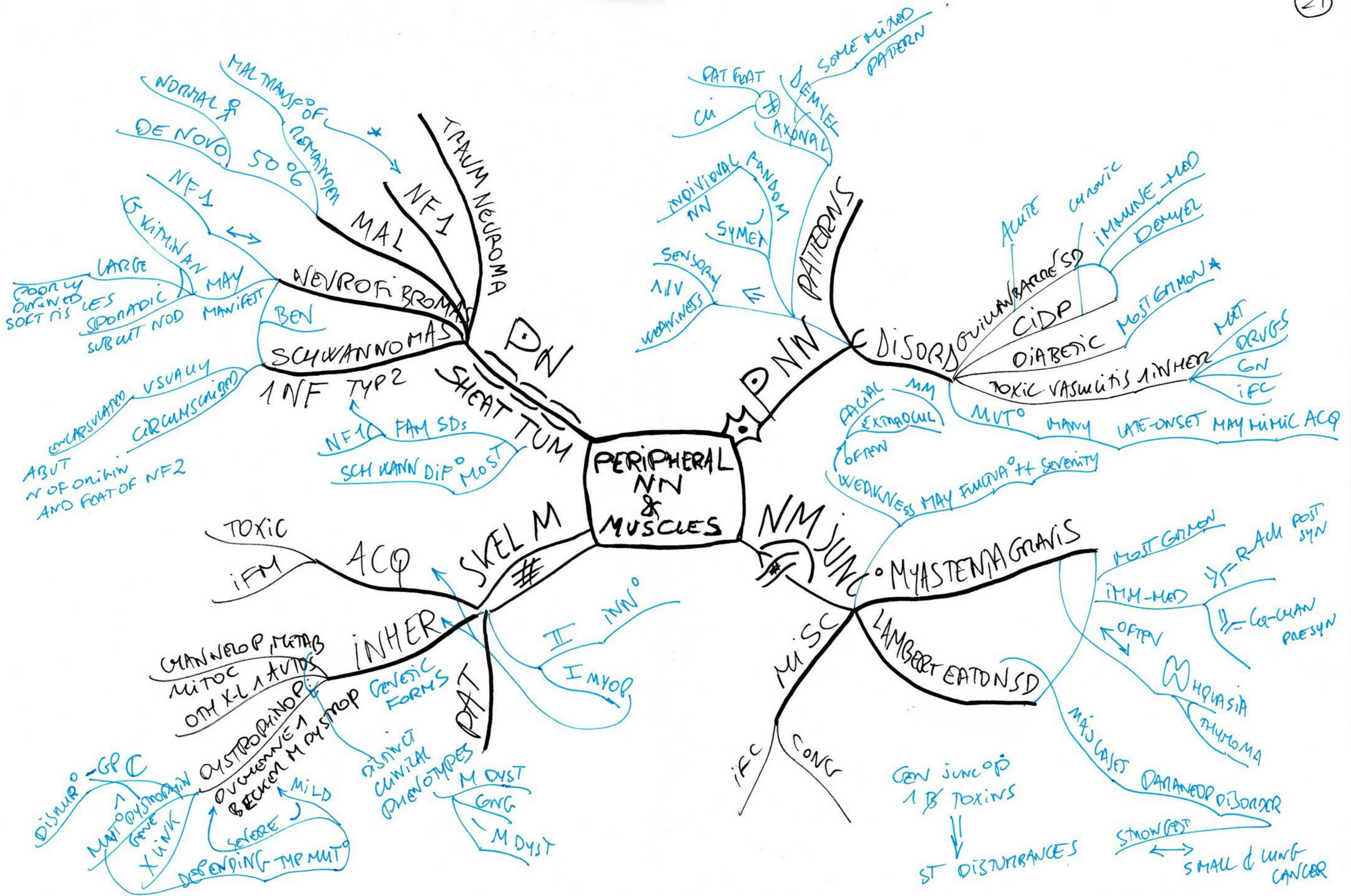




ENDOCRINE

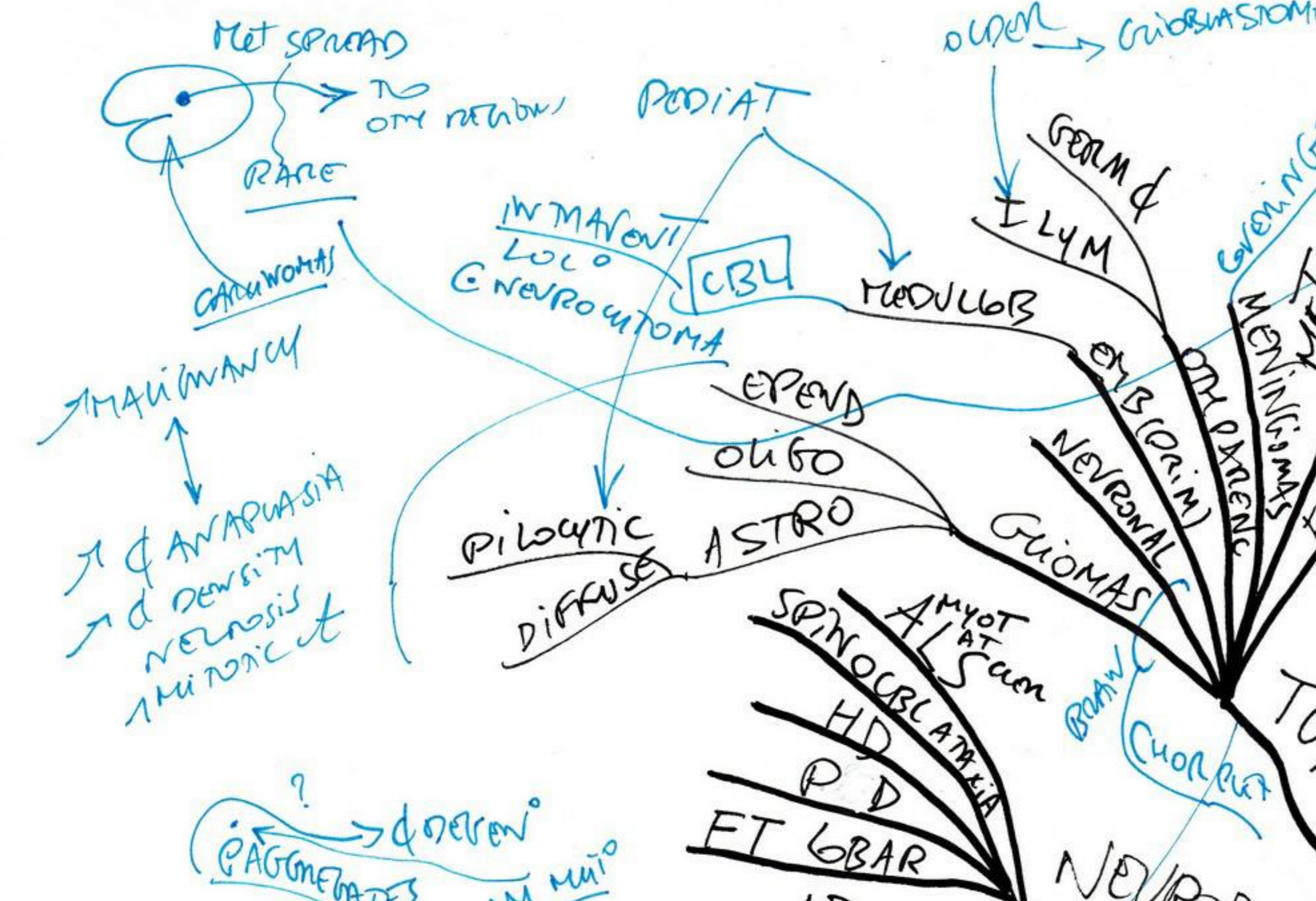




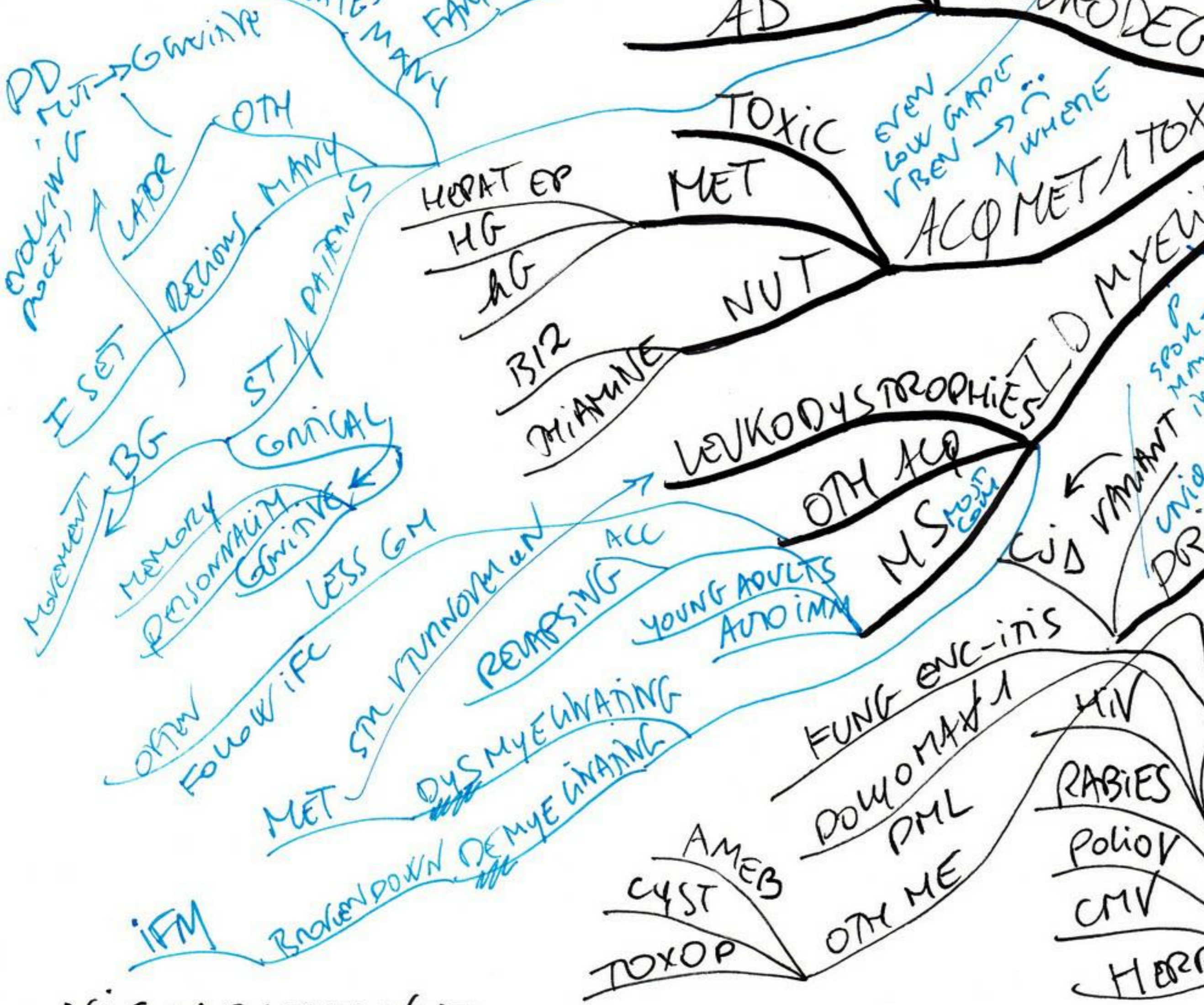


CNS

TUM



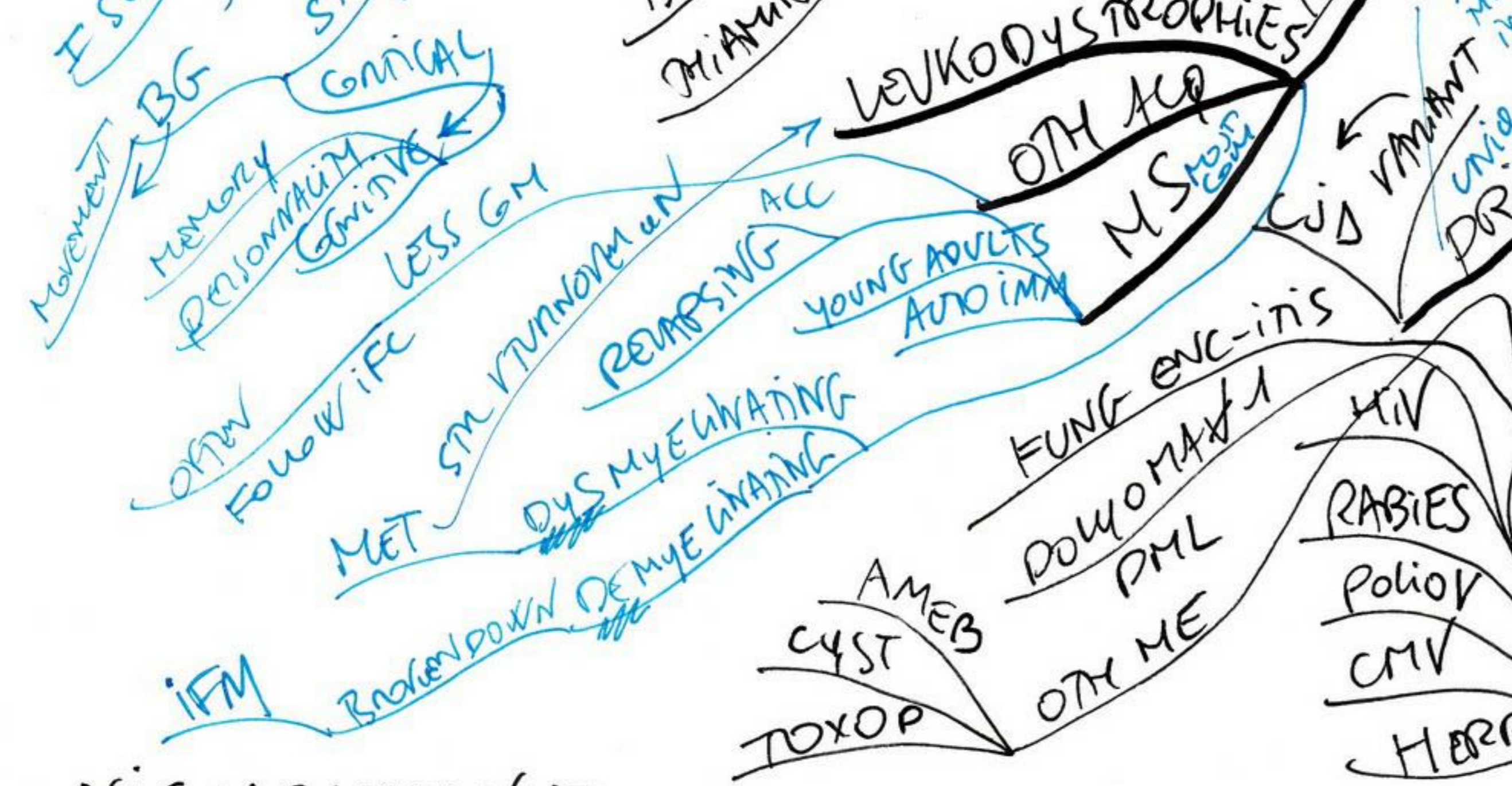
PATTERNS



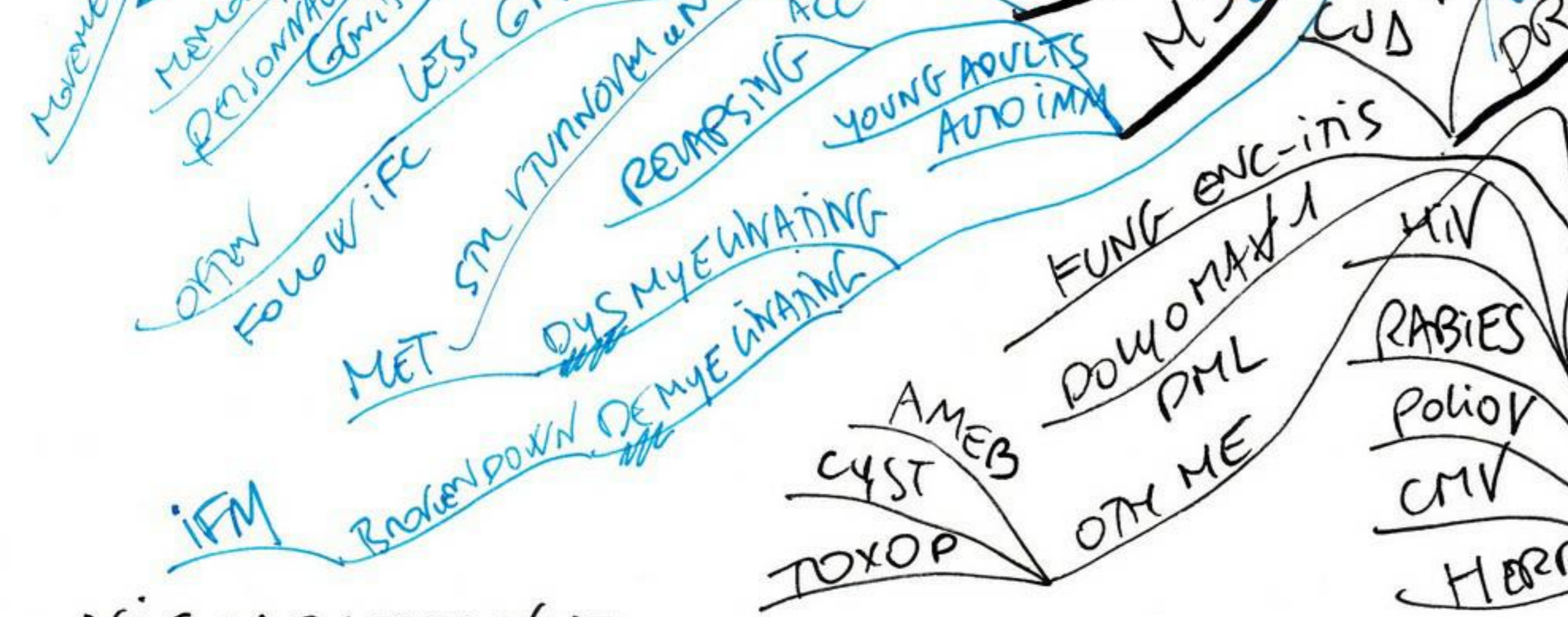
NEURODEG



VASC



TRAUMA



PERINAT



ACQ MET ATOX



LEUKODYSTROPHIES

