

ORALLY ADM OS DRUGS
MUST PERMEATE
EPIT OF INT MUCOSA
IN ORDER TO ENTER CIRC

BBB
RESTRICTS
ENTRY OF
DRUGS
TO CNS

MEC DRUG
CROSSING
INT EPIT OF

DRUGS
DESIGNED
TO INHIBIT
OR KILL THEM
SUCH AS CANCER
CHEMOTHERAPY
WOUND HEALING AGENTS

DRUG
TRANSPORT

OVERVIEW

CLASSES
OF TRANSPORTERS

ACTIVE
MANY DRUGS

DRUGS

NB // WHILE PASSIVE DIFFUSION
HAS LONG BEEN
DEEMED AS A
MECHANISM OF
DRUG T
PM = BARRIER TO FREE DIF

CLASS^N BASED ON SEQUENCE
SIMILARITIES

IDENTIFIED
IN MANY OF

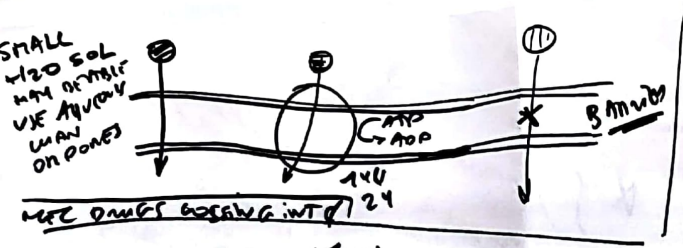
DRUGS
&
XENOBIOTIC

ABC
R-INDIC
ASSOCIATE

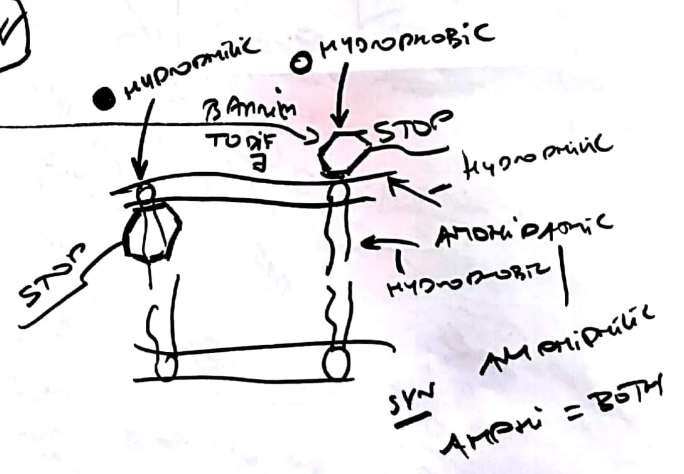
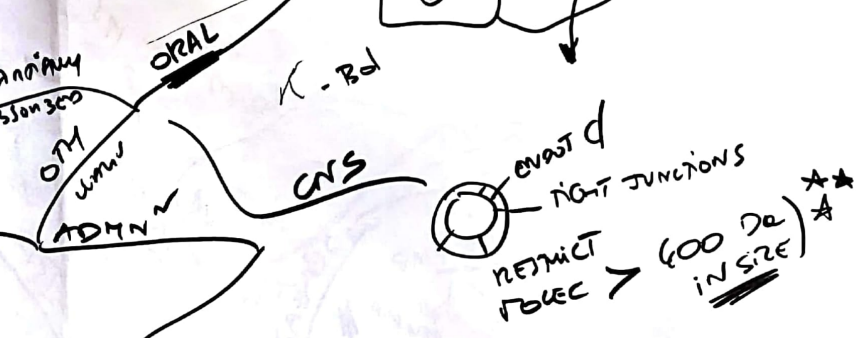
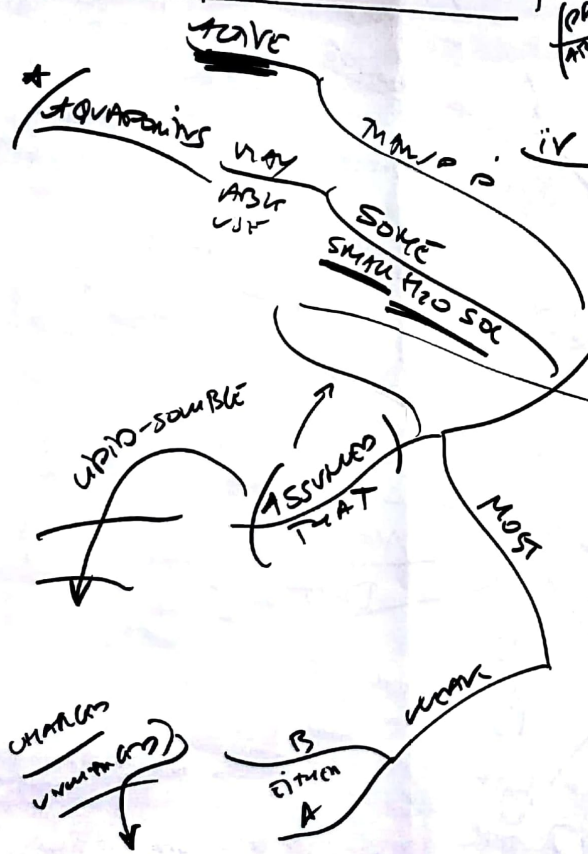
ABCBL OR
P-GP
MDC

HO / ORGANIC
SOLUTE
SLCs
PEPT
ORGANIC
TRANSPORTING
POLYMER
OATP

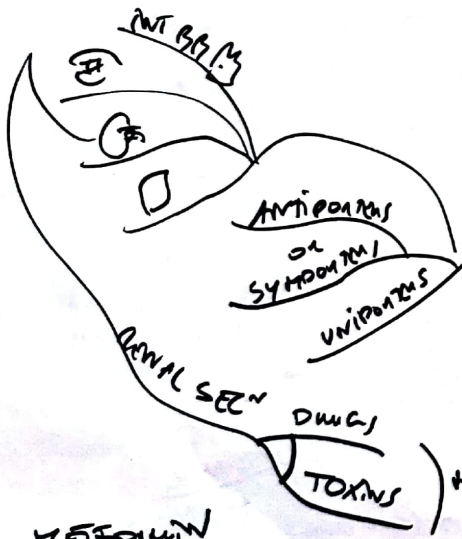
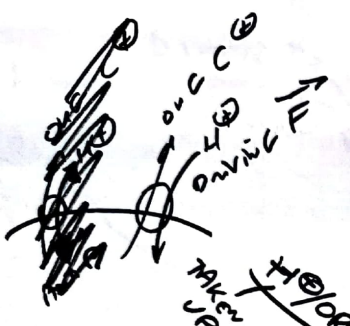
PRIMARY
OR
SECONDARY



Overview



BB TRBS

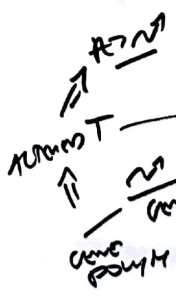
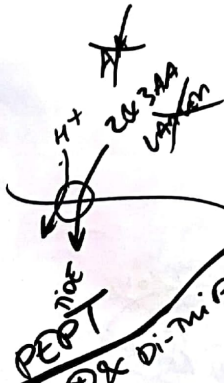


METFORMIN

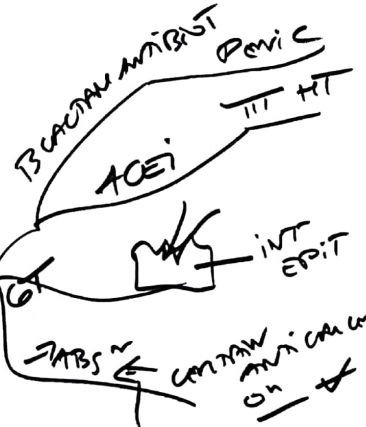
ORGANIC ION
LARGE GROUP

SICs

ONE AMINO ACIDS
SECONDARY AMINO ACIDS



ORAL SEC
MEMBER

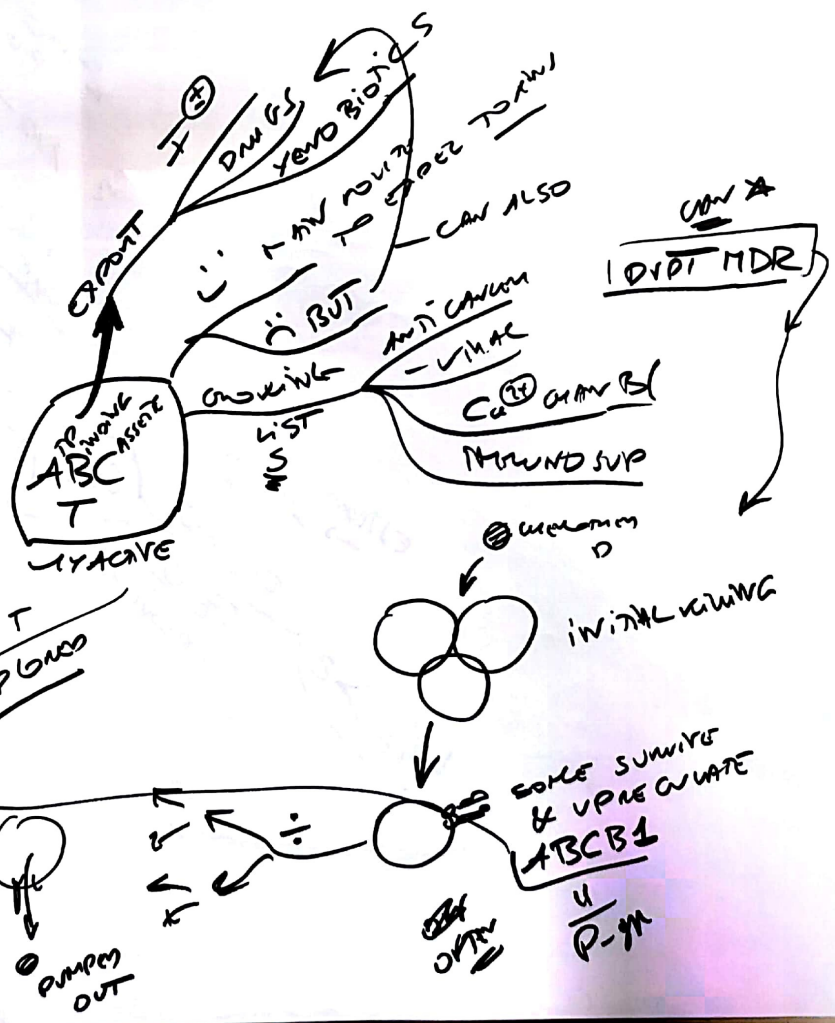
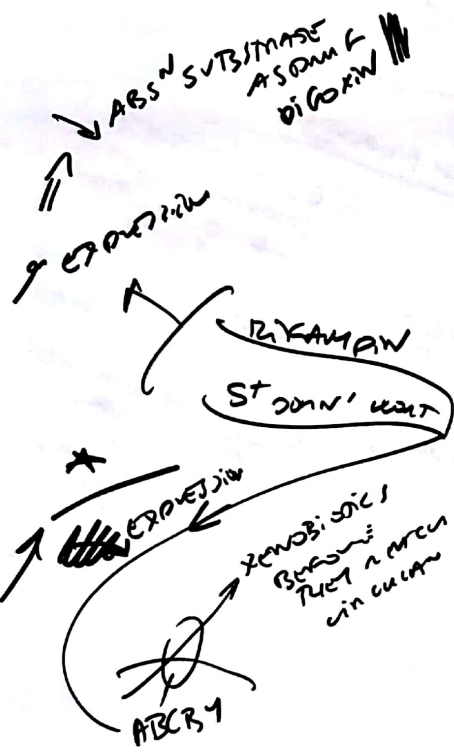


STR AN F BRING A LEXES WITH AA SERP THAT GIVE INTO BETA PEPT SUBSTRATES

CATALYZE MUT

BS
STROPS
THYR HORM

PARANASTIN
↑
↓ OF ACEI ENHANCE



INT 1513
 ALSO
 EXPRESSION
 IN NTIS

INT ABC T
 EXPLORES