

OLFACTORY EPITHELIUM

ONLY M IN JOINT BRAIN THAT NEEDS THEM SELVES

CNI UNMYELINATED CF
SHORTEST & SLOWEST IN NS
R & AXON TO OLF BULB

CONTINUOUSLY
NAN GERM UNDF
UNDF

FRAGMENT
SEVERE INPUT TO OB
MUPOMIA
ANOMIA
CUBIFORM PLATE
SECRETORY
TRUE NERVE AP
CNS

DIPING R &

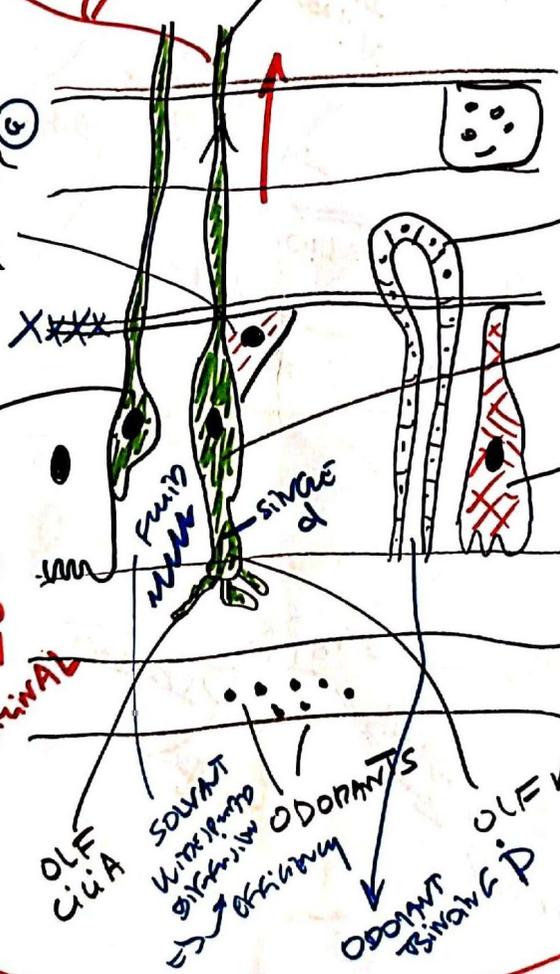
MATURE R & IN EPIT

SUPPORTING & SUSTENTACULAR
GM WITH SENSORY
GLIAL

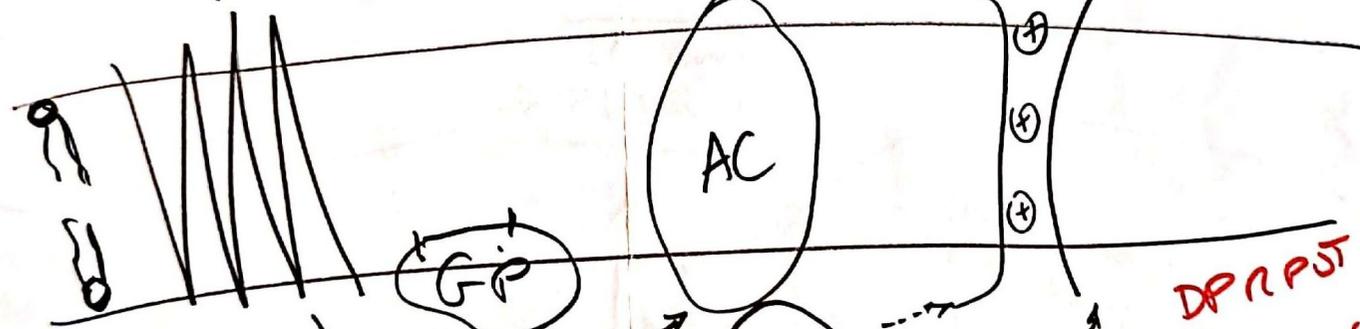
ALSO IN NERVES BY CN V
TRIGEMINAL

PAINFUL NOXIOUS

AS AMMONIA
INTACT V



① ODOR MOLEC
 BINDS TO R
 SPECIFIC



GOLF

AC

③ $cAMP \rightarrow \text{C}^+$
 $\text{C}^+ \Rightarrow \text{PEN-CHANNEL}$
 Na^+ Ca^{2+}

SIGNAL
 TRANSDUCN
 IN
100 μ S

② ATP \rightarrow cAMP
 AC
 ATP \rightarrow cAMP

DPRPST
 INITIAL SEGMENT
 \rightarrow THRESHOLD
 \rightarrow AP - Ca^{2+} - PROP

PREPITUITARY
GLAXE

2ND OLF BULB
OLFACTORY
CNS

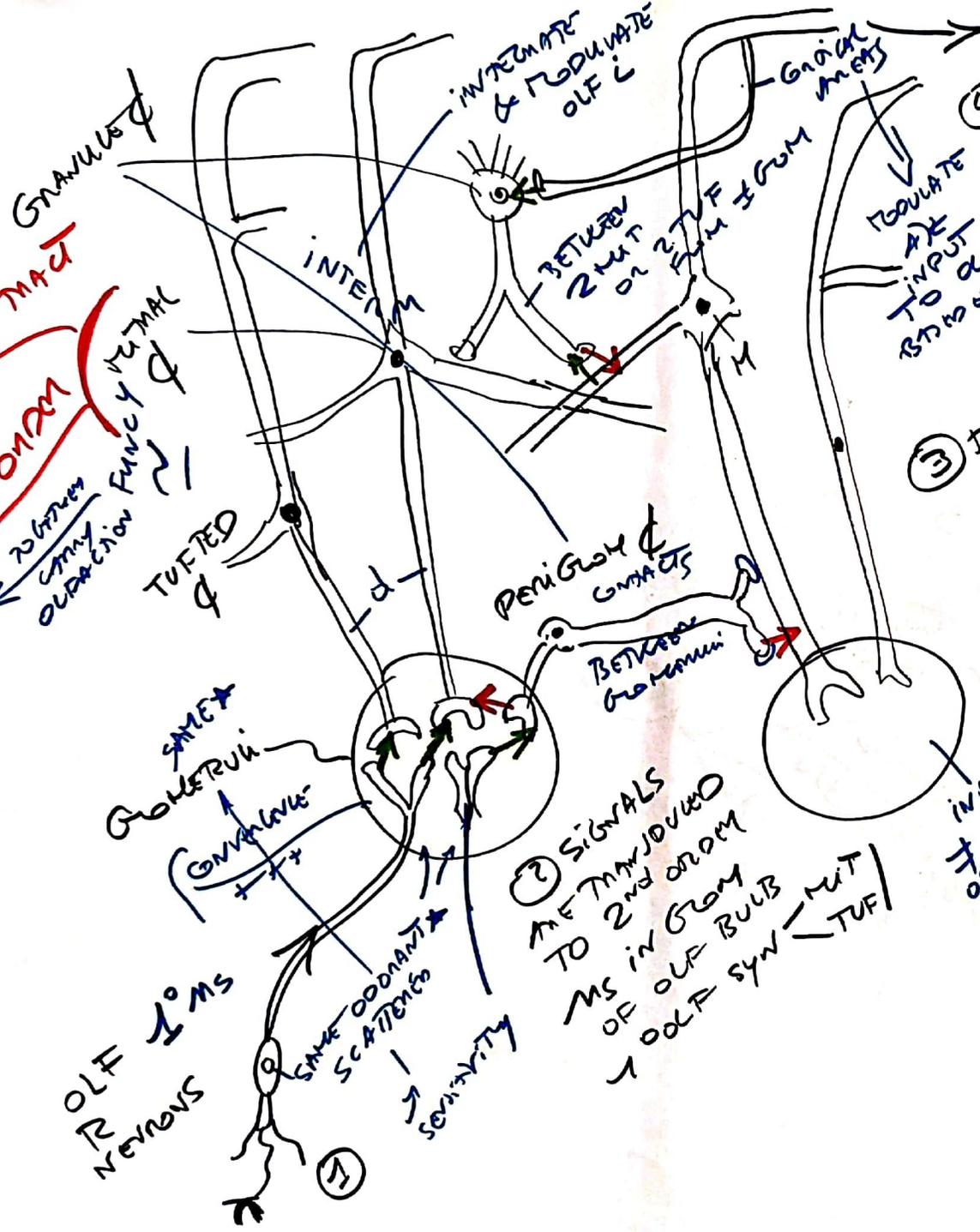
RELATIONSHIP
OLFACTORY FUNCTION

OLF 1ST MS
NEURONS

GLAXE
GLAXE
GLAXE

SAME ODORANT
SCATTERS
SENSITIVITY

② SIGNALS
ARE TRANSDUCED
TO 2ND OLF
MS IN OLF
BULB
1 OLF SYN - MIT
TUF



④ MIT & TUF
PROCESSES
& GOING
IN OLF BULB
1ST LAYER

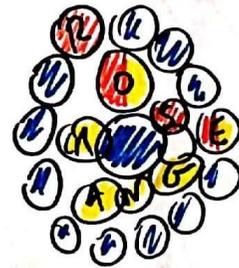
③ PERIGLUM &
CONTACTS
OF MIT & TUF &
GLAXE

GLAXE & REGULATE
INPUT

OF PATTERN
REGULATION

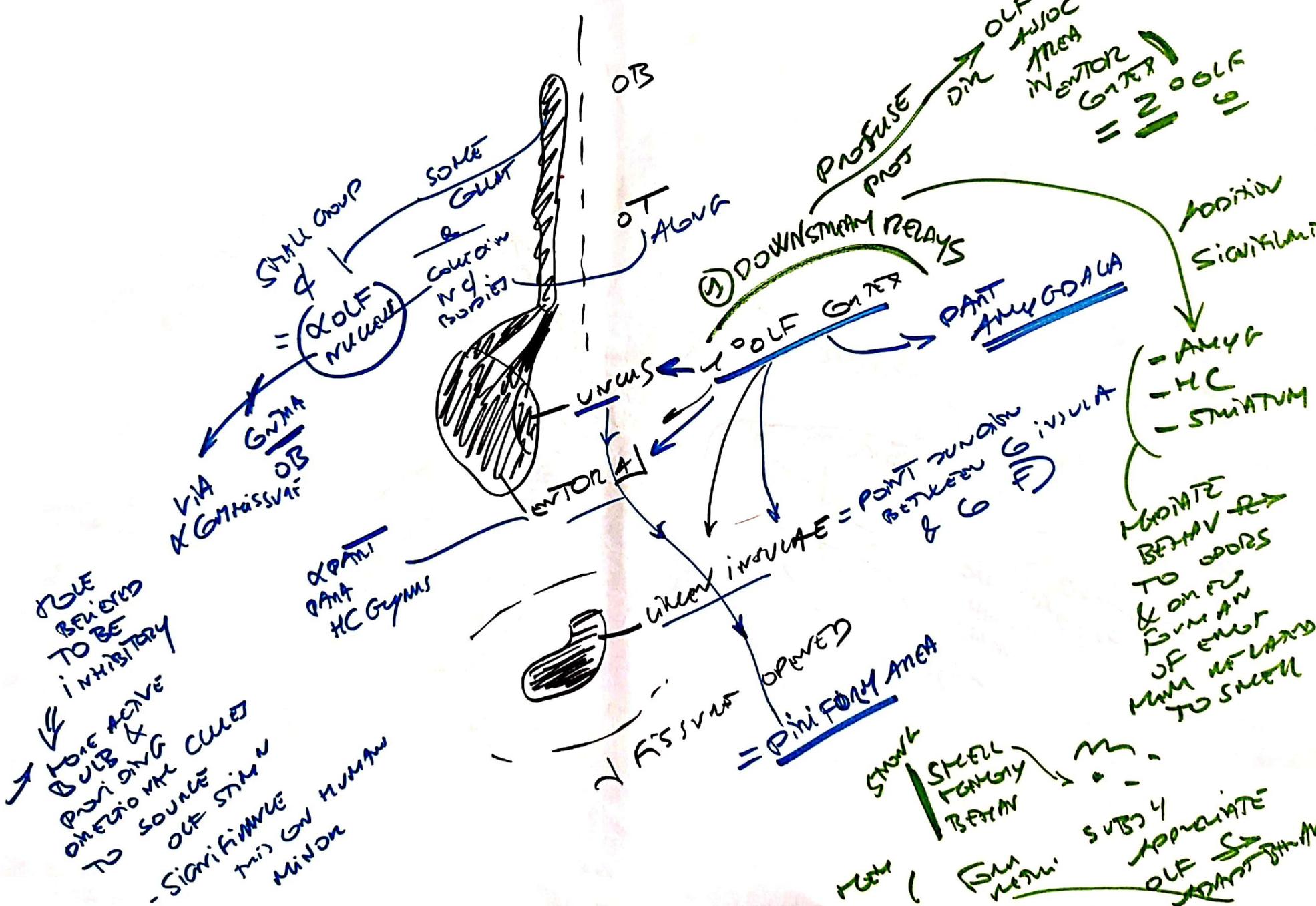
PATTERN
ENCODING
BY
GEOMETRIC
IN OB

SECRET
VARIATION
ON SPACES
TOGETHER WITH
VARIATION GEOMETRIC
PATTERN } ⇒ IDENTIFICATION
SPEC SPEC
"TO BE" ONLY "ON THE"



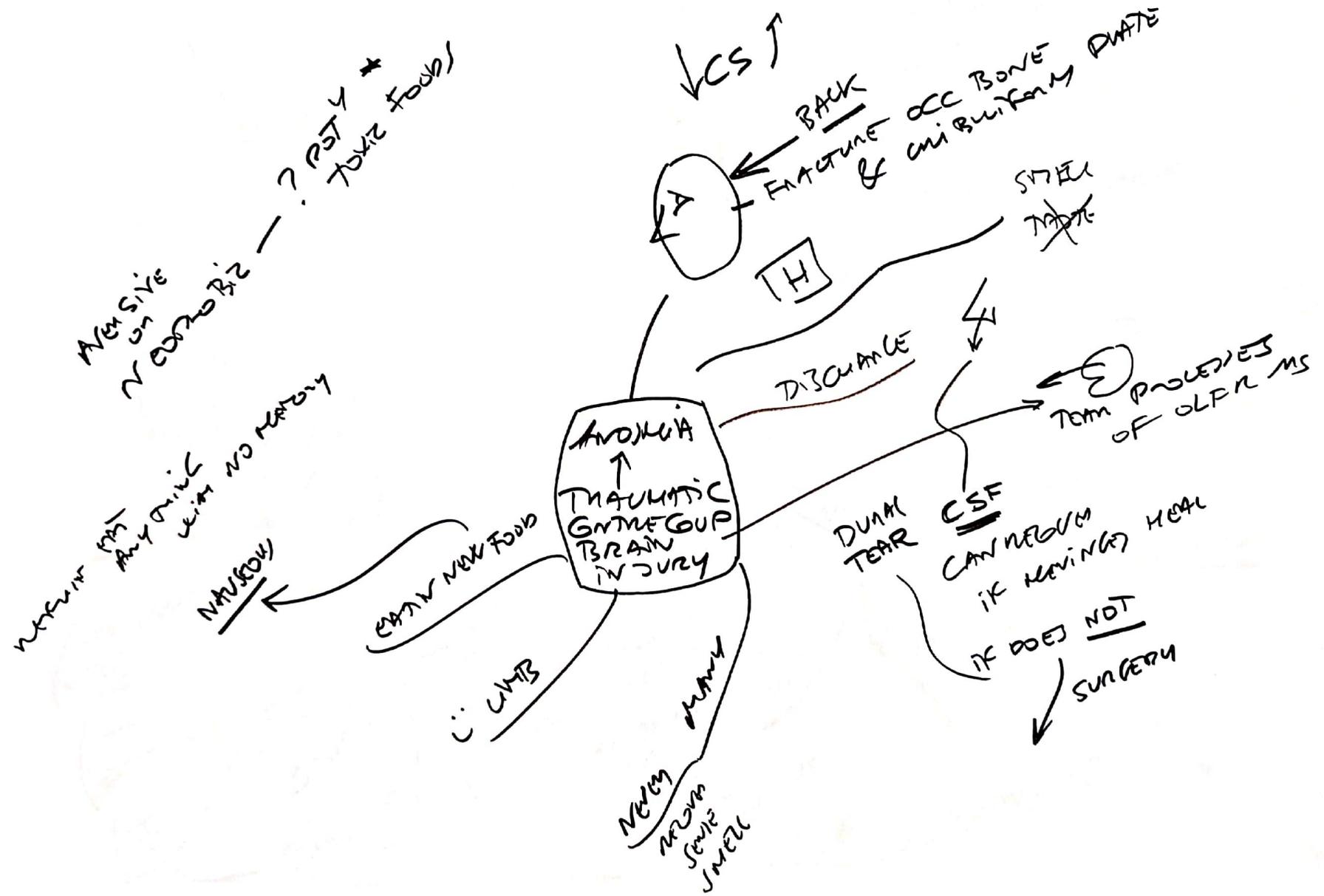
EVERY SMCU
HAS A DISTINCT
PATTERN OF GEOMETRIC
WHICH IS RELATED
TO OLF IS SN < SKE BRAIN

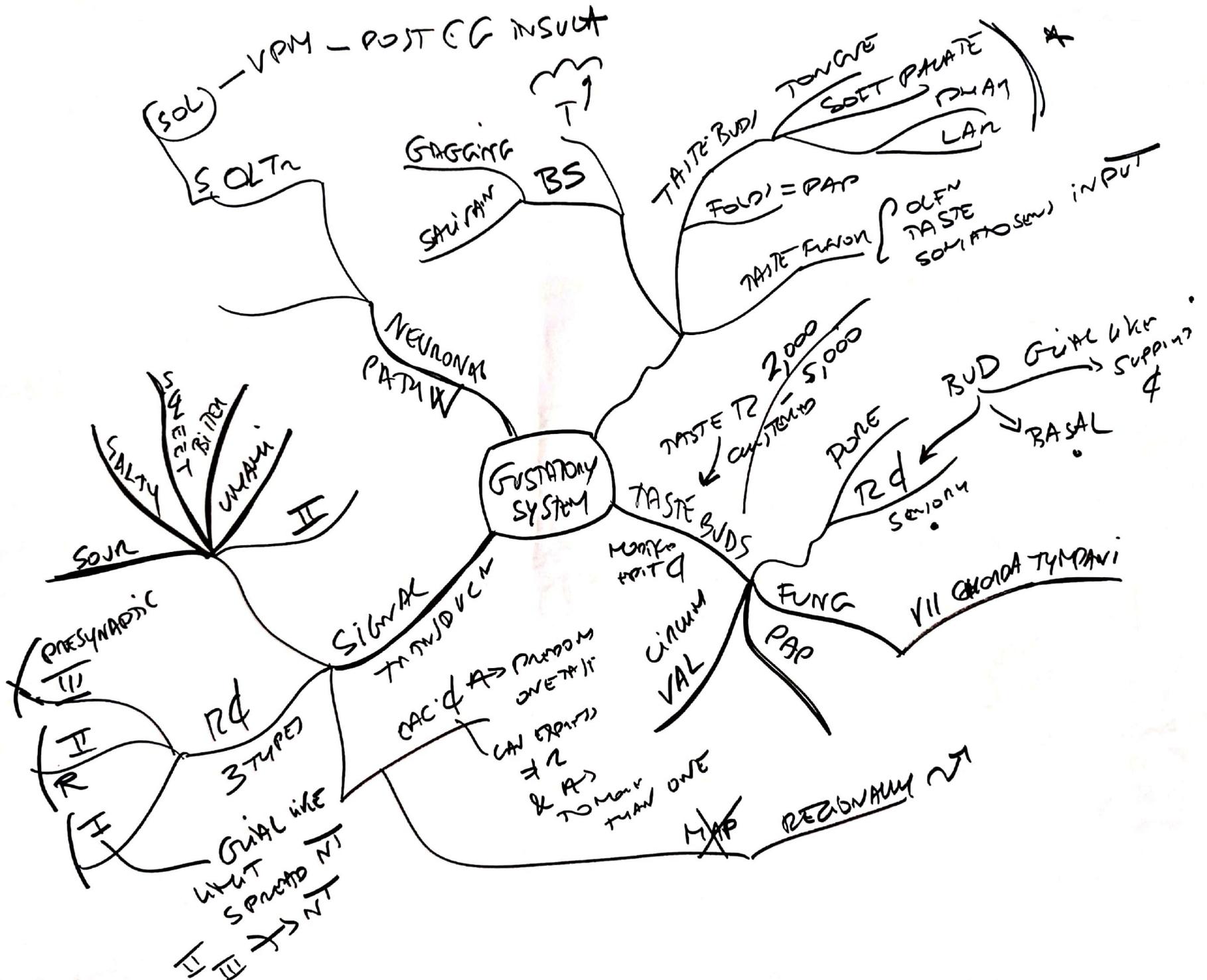
C PROD MS
OLF SYS



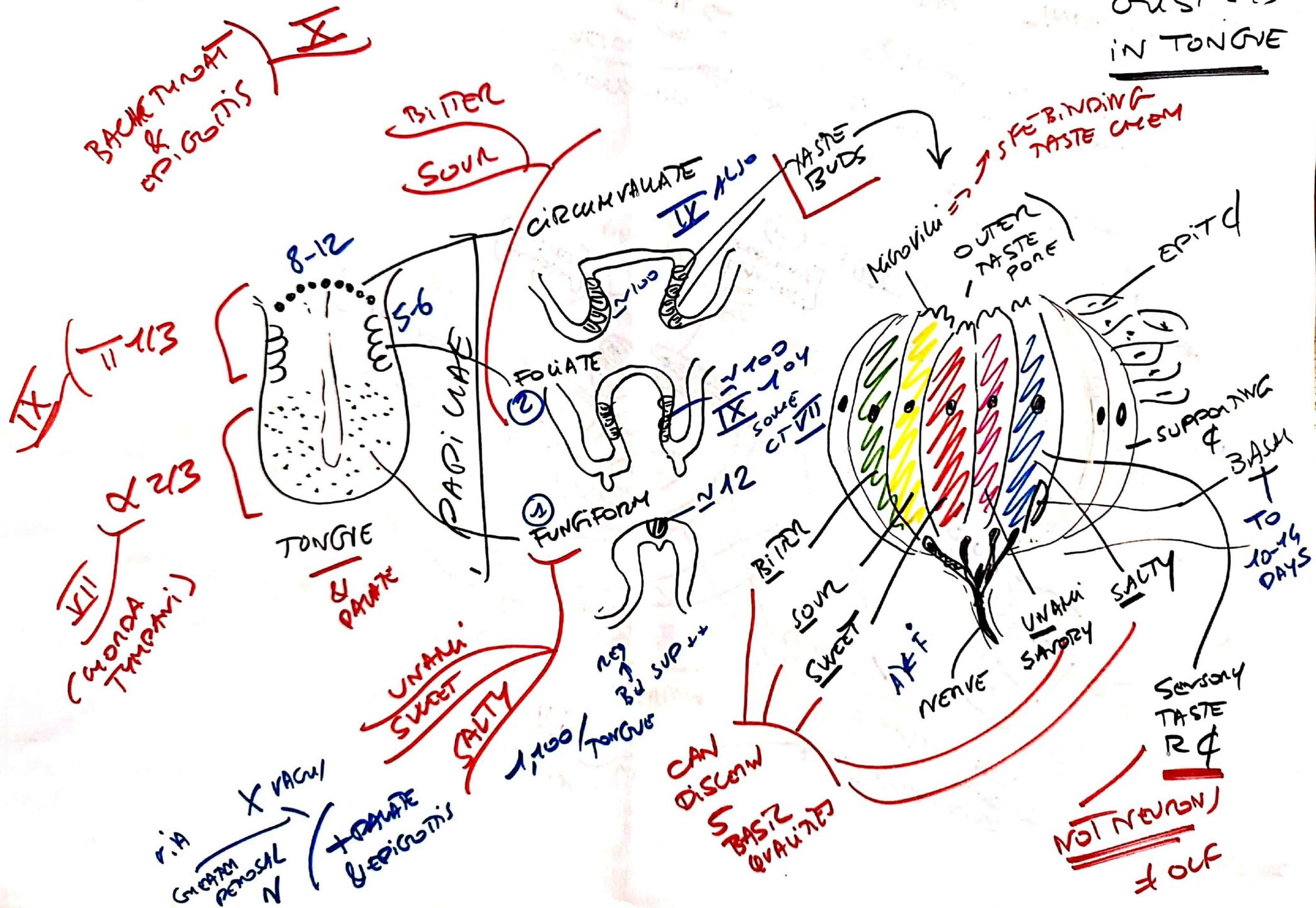
ROLE BELIEVED TO BE INHIBITORY
 MORE ACTIVE BULB & OMEGA MC CULET TO SOURCE OF STIM N - SIGNIFICANT MIND ON HUMAN

SMELL (SMELL FAMILY BEHAV)
 FSM NETS
 SUBS 4 APPROPRIATE OLF STIM





GUST SYS
IN TONGUE



SIGNAL TRANSDUCTION

TYPE III &

SALTY & SOUR

TASTE CELL FROM 1 BMDV NERVE

PRESYN

POSSIBLY TASTED

Blockade of K^+ channels

CHANGES IN PH
DEPOLARIZING RESPONSE IN POTENTIAL

Ca^{2+} opening
REL SHT

SYN RE OF SHT NE OR GABA

via III on [Na⁺]
VAR ANILLOID

VIA III on [Ca²⁺]
ADDITION MORE Ca^{2+} THAN CAN TO AMPLIFY ORITE SIGNALS ELICITED BY STIM IN A MSEC

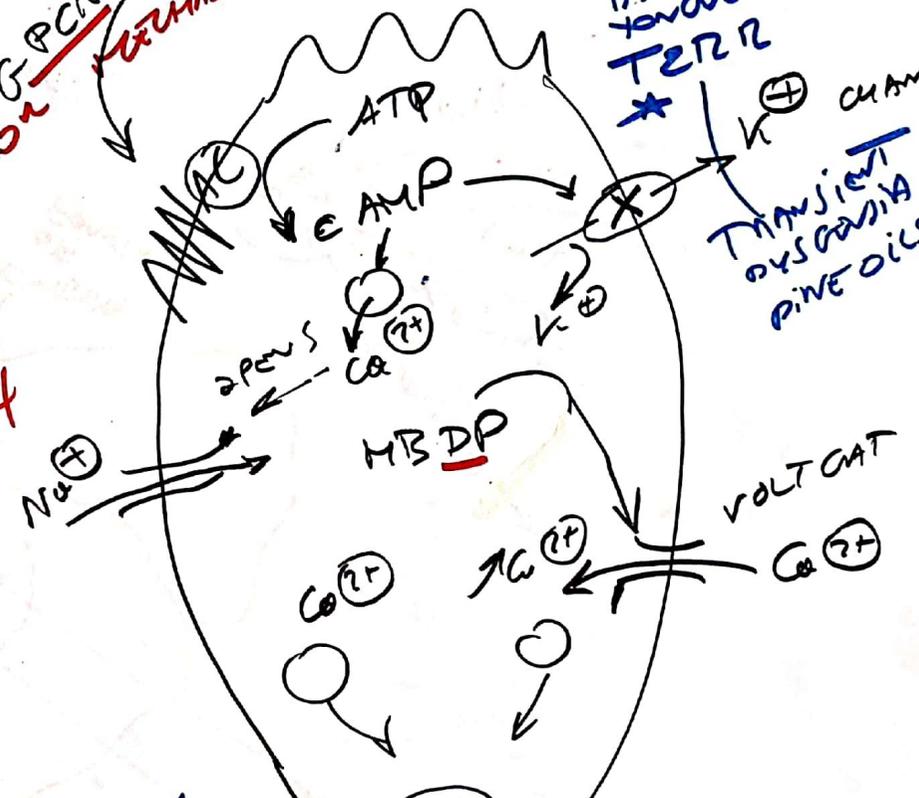
VOLT GATED Ca^{2+} CHANNEL

II SWEET BITTER & UNAMI

CANAL & SPEC FOR A TASTE QUANTITY

GPCR
UNAMI

BACK TONGUE TASTE



TRANSIENT HYPERPOLARIZATION PINE OILS

VOLT GAT

SPEC SYN TRANSM

NEO ONTO NEURONS
& ADJACENT PRESYN &

STIMULI

