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Abbreviations:

Neuroanatomic structures:

AA anterior amygdaloid nucleus,
ACo anterior cortical amygdaloid area,
AH anterior hypothalamus
AHi amygdalohippocampal transitional area
AOB accessory olfactory bulb
AOS accessory olfactory system
BAOT bed nucleus of the accessory olfactory tract
BL basolateral nucleus of the amygdala
BLA anterior basolateral nucleus of the amygdala
BLP posterior basolateral nucleus of the amygdala
BM basomedial nucleus of the amygdala
BMA anterior basomedial nucleus of the amygdala
BMP posterior basomedial nucleus of the amygdala
BST bed nucleus of the stria terminalis
BSTIA bed nucleus of the stria terminalis, intraamygdaloid division
BSTL bed nucleus of the stria terminalis, lateral division
BSTLD bed nucleus of the stria terminalis, lateral division, dorsal part
BSTLI bed nucleus of the stria terminalis, lateral division, intermediate part
BSTLJ bed nucleus of the stria terminalis, lateral division, juxtacapsular part
BSTLP bed nucleus of the stria terminalis, lateral division, posterior part
BSTLV bed nucleus of the stria terminalis, lateral division, ventral part
BSTM bed nucleus of the stria terminalis, medial division
BSTMA bed nucleus of the stria terminalis, medial division, anterior part
BSTMP bed nucleus of the stria terminalis, medial division, posterior **part**
BSTMPI bed nucleus of the stria terminalis, medial division, posterointermediate part
BSTMPL bed nucleus of the stria terminalis, medial division, posterolateral part
BSTMPM bed nucleus of the stria terminalis, medial division, posteromedial part
BSTMV bed nucleus of the stria terminalis, medial division, ventral part

BSTS bed nucleus of stria terminalis, supracapsular part
Ce central amygdaloid nucleus,
CPu caudate putamen
DG dentate gyrus
EL ependymal layer
Endo endopiriform nucleus
EPL external plexiform layer
GL glomerular layer
GP globus pallidus
IG internal granular layer
IM intercalated mass,
IPL internal plexiform layer
La lateral nucleus of the amygdala
LaDL dorsolateral portion of lateral nucleus of the amygdala
LaVM ventromedial part of the lateral nucleus of the amygdala
LaVL ventrolateral part of the lateral nucleus of the amygdala,
LH lateral hypothalamus
LHb lateral habenular nucleus
LOT lateral olfactory tract
M mitral cell layer
Me medial amygdaloid nucleus,
MeA anterior subdivision of Me
MeAD anterodorsal subdivision of Me
MeAV anteroventral subdivision of Me
MeP posterior subdivision of Me
MePD posterodorsal subdivision of Me
MePV posteroventral subdivision of Me
MHb medial habenular nucleus
MOB main olfactory bulb
MOS main olfactory system
MPN medial preoptic nucleus
MPO median preoptic nucleus
MPOA medial preoptic area
MS medial septum
OB olfactory bulb
OTF olfactory tract fibres
PA Posterior Amygdala,
PAA piriform-amygdalar Area
PAG periaqueductal gray
PIR piriform cortex
PLCo posterolateral corticoal amygdaloid nucleus,
PMCo posteromedial corticoal amygdaloid nucleus
Tu olfactory tubercle
VN vomeronasal nerve
VNL vomeronasal nerve layer
VNO vomeronasal organ
VNS vomeronasal system

Antibodies and biochemical materials:

Biochemical materials:

aP-ShaDig: alkaline phosphatase sheep anti Digoxigenin

AF 488-GaR: Alexa Fluor 488- goat anti rabbit
AF 594-GaR: Alexa Fluor 594- goat anti rabbit

AF488-SA: Alexa Fluor 488- anti streptavidin

AF594-SA: Alexa Fluor 594- anti streptavidin

Arc: activity- regulated cytoskeletal- associated protein

ARG-VP: Arginine vasopressin

B-MaDig: Biotinylated mouse anti Digoxin
BCIP/NBT: Bromo-chloro-indolyl-phosphate/ nitro blue tetrazolium
B-GaR: Biotinylated goat anti rabbit
B-HaM: Biotinylated horse anti mouse
BSA: Bovine serum albumine

c-Fos: cellular Finkel-Biskis-Reilly murine osteosarcoma
DAB: Diaminobenzidine
DARPP-32: dopamine and cAMP- regulated phosphoprotein- 32 kDa
Dig: Digoxcin
Egr.1: Early growth response gene 1
GAD: glutamic acid decarboxylase
Narp: neuronal activity regulated pentraxin
PBS-A: bovine serum albumin in PBS

pCREB: phosphorylated cAMP response element binding protein
P-SA: peroxidase streptavidine
pSer: phosphorylated serine
pThr: phosphorylated threonine
pTyr: phosphorylated tyrosine
vGLUT: veicular glutamate transporters