

## Former terminology - NbN glossary

Former terminology	NbN - Pharmacological based		
Indication-based	Pharmacology	Mode of action**	Drugs
Antidepressant	Drugs for depression		
(TCA)	norepinephrine	reuptake inhibitor (NET)	Desipramine, protriptyline, nortriptyline
	norepinephrine, serotonin	reuptake inhibitor (NET and SERT)	lofepramine, amoxapine
	serotonin, norepinephrine	reuptake inhibitor (SERT and NET)	imipramine, dosulepin, clomipramine
	serotonin, norepinephrine	reuptake inhibitor (SERT and NET), receptor antagonist (5-HT <sub>2</sub> )	amitriptyline
	norepinephrine, serotonin	reuptake inhibitor (NET and SERT), receptor antagonist (5-HT <sub>2</sub> )	Doxepin
	serotonin, dopamine	receptor antagonist (5-HT <sub>2</sub> and D <sub>2</sub> )	trimipramine
(MAOI)	serotonin, norepinephrine, dopamine	enzyme inhibitor (MAO-A and -B)	isocarboxazid, phenelzine
		reversible enzyme inhibitor (MAO-A)	moclobemide
		enzyme inhibitor (MAO-A and -B), releaser (DA, NE)	tranylcypromine
	dopamine, norepinephrine, serotonin	enzyme inhibitor (MAO-B and -A)	selegiline
(SSRI)	serotonin	reuptake inhibitor (SERT)	citalopram, escitalopram, fluoxetine, fluvoxamine, paroxetine, sertraline
(SNRI)	serotonin, norepinephrine	reuptake inhibitor (SERT and NET)	venlafaxine, duloxetine, milnacipran
Stimulants			
	Dopamine, norepinephrine	Reuptake inhibitors (DAT,NET) and releaser (DA,NA)	amphetamine (D) and (D,L), lisdexamfetamine, methylphenidate (D) and (D, L)
Antipsychotic (Neuroleptics, Major tranquillisers)	Drugs for psychosis		
Typical (1st generation)	dopamine	receptor antagonist (D <sub>2</sub> )	fluphenazine, haloperidol, perphenazine, pimozide, sulpiride, zuclopenthixol
	dopamine, serotonin	receptor antagonist (D <sub>2</sub> , 5-HT <sub>2</sub> )	chlorpromazine, thioridazine, flupenthixol, trifluoperazine, pipotiazine
Atypical (2nd generation)	dopamine	receptor antagonist (D <sub>2</sub> )	amisulpiride
	dopamine, serotonin	receptor antagonist (D <sub>2</sub> , 5-HT <sub>2</sub> )	loxapine, lurasidone, olanzapine, perospirone, sertindole, ziprasidone, zotepine
	Serotonin, dopamine	receptor antagonist (5-HT <sub>2</sub> , D <sub>2</sub> )	lloperidone
	dopamine, serotonin	receptor partial agonist (D <sub>2</sub> , 5-HT <sub>1A</sub> ) and receptor antagonist (5-HT <sub>2A</sub> )	aripiprazole
	Serotonin, dopamine, norepinephrine	Receptor antagonist (5-HT <sub>2</sub> , D <sub>2</sub> , NE alpha- 2)	asenapine
	dopamine, serotonin, norepinephrine	receptor antagonist (D <sub>2</sub> , 5-HT <sub>2</sub> , NE alpha-2)	clozapine, risperidone, paliperidone
	dopamine, serotonin	receptor antagonist (D <sub>2</sub> , 5-HT <sub>2</sub> ) and reuptake inhibitor (NET)(metabolite)	quetiapine
Anxiolytic	Drugs for Anxiety		
(benzodiazepine)	GABA	Positive Allosteric Modulator (GABA-A receptor, benzodiazepine site)	alprazolam, chlordiazepoxide, clonazepam, clorazepate, diazepam, flunitrazepam, lorazepam, oxazepam
	serotonin	receptor partial agonist (5-HT <sub>1A</sub> )	buspirone
	glutamate	voltage-gated calcium channel blocker	gabapentin, pregabalin
	histamine	receptor antagonist (H <sub>1</sub> )	hydroxyzine

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<b>Hypnotic</b> Drugs for Insomnia			
(benzodiazepine)	GABA	Benzodiazepine receptor agonist (GABA-A receptor positive allosteric modulator)	estazolam, eszopiclone, flunitrazepam, lormetazepam, midazolam, quazepam, temazepam, triazolam, zaleplon, zolpidem, zopiclone
	melatonin	receptor agonist (MEL1, MEL2)	melatonin, ramelteon
<b>Mood Stabilizers</b> Drugs for relapse prevention			
	glutamate	voltage-gated sodium and calcium channel blocker	carbamazepine, oxcarbazepine
	glutamate	voltage-gated sodium channel blocker	lamotrigine
	glutamate	yet to be determined	valproate
		enzyme interactions	lithium

\* The glossary includes only the psychotropics relevant to former terminology. Newer psychotropics not included here could be found in NbN by their name

### General NbN glossary

Pharmacology	Mode of action	Drug
Acetylcholine	Enzyme inhibitor (acetylcholinesterase)	Donepezil
	Enzyme inhibitor (acetylcholinesterase), $\alpha$ -7 nicotinic Receptor positive allosteric modulator	Galantamine
	Enzyme inhibitor (acetylcholinesterase, butyrylacetylcholinesterase)	Rivastigmine
	Receptor partial agonist (nicotinic receptors)	Varenicline
Alcohol	Enzyme inhibitor (mainly liver)	Disulfiram
Dopamine	Receptor antagonist (D2)	Amisulpride
		Fluphenazine
		Haloperidol
		Sulpiride
		Perphenazine
		Pimozide
		Zuclopenthixol
Dopamine	Reuptake inhibitor (DAT)	Modafinil

Dopamine, Norepinephrine	Reuptake inhibitor (DAT, NET), releaser (DA, NE)	Amphetamine (D) and (D,L)
		Lisdexamfetamine
		Methylphenidate (D) and (D,L)
Dopamine, Norepinephrine, Serotonin	Enzyme inhibitor (MAO-B and -A)	Selegiline
Dopamine, Serotonin	Receptor antagonist (D2, 5-HT2)	Chlorpromazine
		Flupenthixol
		Loxapine
		Lurasidone
		Olanzapine
		Perospirone
		Pipotiazine
		Sertindole
		Thioridazine
		Trifluoperazine
	Receptor antagonist (D2, 5-HT2A)	Blonanserin
	Receptor antagonist (D2, 5-HT2) and reuptake inhibitor (NET)(metabolite)	Quetiapine
	Receptor partial agonist (D2, 5-HT1A), receptor antagonist (5-HT2A)	Aripiprazole
		Brexipiprazole
Receptor partial agonist (D2, 5-HT1A), receptor antagonist (5-HT2B)	Cariprazine	
Dopamine, Serotonin, Norepinephrine	Receptor antagonist (D2, 5-HT2, NE alpha-2)	Clozapine
		Paliperidone
		Risperidone

GABA	Benzodiazepine receptor agonist (GABA-A receptor positive allosteric modulator)	Alprazolam	
GABA	Benzodiazepine receptor agonist (GABA-A receptor positive allosteric modulator)	Chlordiazepoxide	
		Clonazepam	
		Clorazepate	
		Diazepam	
		Estazolam	
		Eszopiclone	
		Flunitrazepam	
		Flurazepam	
		Lorazepam	
		Lormetazepam	
		Midazolam	
		Nitrazepam	
		Oxazepam	
		Quazepam	
Temazepam			
Triazolam			
GABA		Zaleplon	
		Zolpidem	
		Zopiclone	
		positive allosteric modulator (GABA-A receptor, alcohol site)	Chloral hydrate, chloral betaine
		positive allosteric modulator (GABA-A receptor, barbiturate site)	Clomethiazole
		receptor agonist (GABA-B)	Baclofen
		receptor agonist (GABA-B, gammahydroxybutyrate (GHB))	Sodium oxybate (GHB)
	receptor antagonist (benzodiazepine receptor)	Flumazenil	
GABA, Glutamate	facilitation of GABA transmission, receptor antagonist on AMPA and KA	Topiramate	
Glutamate	receptor antagonist (NMDA)	Memantine	
	voltage-gated calcium channel blocker	Gabapentin	

		Pregabalin
	voltage-gated sodium and calcium channel blocker	Carbamazepine, Oxcarbazepine
	voltage-gated sodium channel blocker	Lamotrigine
	yet to be determined	Acamprosate
Glutamate		Tianeptine
		Valproate
Histamine	receptor antagonist (H1)	Diphenhydramine
		Hydroxyzine
	Receptor antagonist (H3)	Pitolisant
Histamine, Dopamine	Receptor antagonist (H1,D2)	Promethazine
Lithium	Enzyme interactions	Lithium
Melatonin	Receptor agonist (M1 and M2)	Melatonin
		Ramelteon
	Receptor agonist (M1,M2), receptor antagonist (5-HT2B, 5-HT2C)	Agomelatine
Norepinephrine	Receptor agonist (alpha-2 )	Clonidine
		Guanfacine
		Lofexidine
Norepinephrine	Receptor antagonist (alpha-1)	Prazosin
	Receptor antagonist (alpha-2), Reuptake inhibitor (NET)	Mianserin
	Reuptake inhibitor (NET)	Atomoxetine
		Desipramine
		Maprotiline
		Nortriptyline
		Protriptyline
	Reboxetine	

Norepinephrine, Dopamine	Reuptake inhibitor (NET, DAT), releaser (NE, DA)	Bupropion
Norepinephrine, Serotonin	Receptor antagonist (NE alpha-2, 5-HT2, 5-HT3)	Mirtazapine
	Reuptake inhibitor (NET and SERT)	Amoxapine
		Lofepramine
Reuptake inhibitor (NET and SERT), receptor antagonist (5-HT2)	Doxepin	
Opioid	Receptor agonist ( $\mu$ )	Methadone
	Receptor antagonist ( $\mu$ )	Naloxone
Opioid	Receptor partial agonist ( $\mu$ ), receptor antagonist ( $\kappa, \delta$ )	Buprenorphine
	Receptor antagonist ( $\mu, \delta$ ), receptor partial agonist ( $\kappa$ )	Nalmefene
	Receptor antagonist ( $\mu, \kappa$ )	Naltrexone
Orexin	Receptor antagonist (OR1, OR2)	Suvorexant
Serotonin	Receptor agonist (5-HT1A), receptor antagonist (5-HT2A)	Flibanserin
	Receptor antagonist (5-HT2) receptor agonist (5-HT1A)	Nefazodone
		Trazodone
	Receptor antagonist (5-HT2A)	Pimavanserin
	Receptor partial agonist (5-HT1A)	Buspirone
		Tandospirone
	Reuptake inhibitor (SERT)	Citalopram
		Escitalopram
		Fluoxetine
		Fluvoxamine
Paroxetine		
Serotonin	Reuptake inhibitor (SERT), receptor partial agonist (5-HT1A)	Vilazodone
Reuptake inhibitor (SERT), receptor partial agonist (5-HT1A), receptor antagonist (5-HT3)	Vortioxetine	
Serotonin, Dopamine	Receptor antagonist (5-HT2 and D2)	Iloperidone
		Trimipramine

Serotonin, Norepinephrine	Reuptake inhibitor (SERT and NET)	Clomipramine
		Desvenlafaxine
		Dosulepin
		Duloxetine
		Imipramine
		Milnacipran, levomilnacipran
	Venlafaxine	
	Reuptake inhibitor (SERT and NET), receptor antagonist (5-HT <sub>2</sub> )	Amitriptyline
Serotonin, Norepinephrine, Dopamine	Enzyme inhibitor (MAO-A and -B)	Isocarboxazid
		Phenelzine
Serotonin, Norepinephrine, Dopamine	Enzyme inhibitor (MAO-A and -B), releaser (DA, NE)	Tranylcypromine
	Reversible enzyme inhibitor (MAO-A)	Moclobemide
Serotonin, Dopamine, Norepinephrine	Receptor antagonist (5-HT <sub>2</sub> , D <sub>2</sub> , NE alpha-2)	Asenapine