

telencephalon

PARTONOMY LIST

FMA	TA	UID	Short official Latin term	Short Spanish equivalent
62000		5264	telencephalon  ; cerebrum 	telencéfalo  ; cerebro 
		12095	morphologia externa telencephali	morfología externa del telencéfalo
83727		5976	fissura longitudinalis cerebri 	fisura longitudinal del cerebro 
61817		5971↓	hemispherium cerebri (par) 	hemisferio cerebral (par) 
83874		5973	gyri cerebri (par) 	circunvoluciones cerebrales (par) 
327491		5975	sulci cerebri (par) 	surcos cerebrales (par) 
84361		5978	fossa lateralis cerebri (par) 	fosa cerebral lateral (par) 
		14197	vallecula cerebri (par) 	vallécula cerebral (par) 
75140		5979	margo superior (par) 	borde superior (par) 
75141		5980	margo inferomedialis (par) 	borde inferomedial (par) 
75142		5981	margo inferolateralis (par) 	borde inferolateral (par) 
		5982	facies superolateralis (par) 	cara superolateral (par) 
		6037	facies inferomedialis (par) 	cara inferomedial (par) 
		12438	gyri interlobares (par) 	circunvoluciones interlobulares (par) 
		12439	operculum insulare (par) 	ópérculo ínsular (par) 
74886		5993	operculum frontale (par) 	opérculo frontal (par) 
74889		6007↓	operculum parietale (par) 	opérculo parietal (par) 
74891		6020↓	operculum temporale (par) 	opérculo temporal (par) 
274737		8666↓	gyrus subcentralis (par) 	circunvolución subcentral (par) 
77534		6045	lobulus paracentralis (par) 	lobulillo paracentral (par) 
77537		6046	gyrus paracentralis anterior (par) 	circunvolución paracentral anterior (par) 
		12237	cortex motorius primarius (par) 	córtex motor primario (par) 
77538		6058	gyrus paracentralis posterior (par) 	circunvolución paracentral posterior (par) 
		13176	sulci interlobares (par) 	surcos interlobulares (par) 
		5983	sulci interlobares superolaterales (par) 	surcos interlobulares superolaterales (par) 
83752		5984	sulcus centralis (par) 	surco central (par) 
77801		5985	sulcus lateralis (par) 	surco lateral (par) 
83761		5986	ramus posterior (par) 	rama posterior (par) 
83759		5987	ramus ascendens (par) 	rama ascendente (par) 
83760		5988	ramus anterior (par) 	rama anterior (par) 
83754		5989	sulcus parietooccipitalis (par) 	surco parietooccipital (par) 
83739		5990	incisura preoccipitalis (par) 	incisura preoccipital (par) 
		9115	sulci interlobares inferomediales (par) 	surcos interlobulares inferomediales (par) 
83743		6038	sulcus corporis callosi (par) 	surco del cuerpo calloso (par) 
83748		6039	sulcus cingularis (par)  ; sulcus cinguli (par)	surco cingular (par)  ; surco del cíngulo (par)
83773		6040	ramus marginalis (par)  ; sulcus marginalis (par) 	rama marginal (par)  ; surco marginal (par) 
83777		6041	sulcus subparietalis (par) 	surco subparietal (par) 
83751		6042	sulcus collateralis (par)  ; sulcus occipitotemporalis medialis (par) 	surco colateral (par)  ; surco occipitotemporal medial (par) 
83752		5984	sulcus centralis 	surco central 
61823		5974	lobi cerebri (par) 	lóbulos cerebrales (par) 
61824		5991	lobus frontalis (par) 	lóbulo frontal (par) 
		8658	facies superolateralis (par) 	cara superolateral (par) 

	8659↓	sulcus frontomarginalis (par) ⑪	surco frontomarginal (par) ⑪
74885	5992↓	polus frontalis (par) ⑪	polo frontal (par) ⑪
274406	11028	area frontopolaris (par) ⑪	área frontopolar (par) ⑪
274408	11029	gyrus frontopolaris superior (par) ⑪	circunvolución frontopolar superior (par) ⑪
274420	11032	gyrus frontopolaris medius (par) ⑪	circunvolución frontopolar media (par) ⑪
274414	11034	gyrus frontopolaris inferior (par) ⑪	circunvolución frontopolar inferior (par) ⑪
274504	11035	gyrus frontomarginalis (par) ⑪	circunvolución frontomarginal (par) ⑪
74886	5993	operculum frontale ⑪ ⑩	ópérculo frontal ⑪ ⑩
61860	5994	gyrus frontalis inferior (par) ⑪	circunvolución frontal inferior (par) ⑪
61982	5995	pars orbitalis (par) ⑪	porción orbitaria (par) ⑪
61980	5996↓	pars triangularis (par) ⑪	porción triangular (par) ⑪
	11840	sulcus radiatus (par) ⑪	surco radiado (par) ⑪
61981	5997	pars opercularis (par) ⑪	porción opercular (par) ⑪
83758	8780↓	sulcus diagonalis (par) ⑪	surco diagonal (par) ⑪
83757	5998	sulcus frontalis inferior (par) ⑪	surco frontal inferior (par) ⑪
273103	5999	gyrus frontalis medius (par) ⑪	circunvolución frontal media (par) ⑪
	8660	cortex prefrontalis superolateralis (par) ⑪	córtex prefrontal superolateral (par) ⑪
	8661	cortex prefrontalis dorsolateralis (par) ⑪	córtex prefrontal dorsolateral (par) ⑪
	8662	cortex prefrontalis ventrolateralis (par) ⑪	córtex prefrontal ventrolateral (par) ⑪
	8663↓	cortex premotorius superolateralis (par) ⑪	córtex premotor superolateral (par) ⑪
	8664↓	cortex premotorius dorsalis (par) ⑪	córtex premotor dorsal (par) ⑪
	8665↓	cortex premotorius ventralis (par) ⑪	córtex premotor ventral (par) ⑪
61894	6000	gyrus precentralis (par) ⑪	circunvolución precentral (par) ⑪
	12236	cortex motorius primarius gyri precentralis (par) ⑪	córtex motor primario de la circunvolución precentral (par) ⑪
83800	6001	sulcus precentralis (par) ⑪	surco precentral (par) ⑪
83765	8667↓	sulcus subcentralis anterior (par) ⑪	surco subcentral anterior (par) ⑪
83778	8668↓	sulcus subcentralis posterior (par) ⑪	surco subcentral posterior (par) ⑪
61857	6002	gyrus frontalis superior (par) ⑪	circunvolución frontal superior (par) ⑪
83755	6003	sulcus frontalis superior (par) ⑪	surco frontal superior (par) ⑪
	9118	facies inferomedialis (par) ⑪	cara inferomedial (par) ⑪
61857	6002	gyrus frontalis superior ⑪ ⑩	circunvolución frontal superior ⑪ ⑩
	12158↓	sulcus paracingularis (par) ⑪	surco paracingular (par) ⑪
	12159↓	gyrus paracingularis (par) ⑪	circunvolución paracingular (par) ⑪
83782	6044	sulcus paracentralis (par) ⑪	surco paracentral (par) ⑪
77534	6045	lobulus paracentralis ⑪ ⑩	lobulillo paracentral ⑪ ⑩
77537	6046	gyri paracentralis anterioris ⑪ ⑩	circunvolución paracentral anterior ⑪ ⑩
	12237	cortex motorius primarius ⑪ ⑩	córtex motor primario ⑪ ⑩
	8669	cortex prefrontalis inferomedialis (par) ⑪	córtex prefrontal inferomedial (par) ⑪
	8670	cortex prefrontalis medialis (par) ⑪	córtex prefrontal medial (par) ⑪
	8671↓	cortex premotorius inferomedialis (par) ⑪	córtex premotor inferomedial (par) ⑪
	8672↓	cortex premotorius medialis (par) ⑪	córtex premotor medial (par) ⑪
61890	6047	area subcallosa (par) ⑪; gyrus subcallosus (par) ⑪	área subcallosa (par) ⑪; circunvolución subcallosa (par) ⑪

61919		6048	gyrus paraterminalis (par)	circunvolución paraterminal (par)
61890		6049	area paraolfactoria (par)	área paraolfactoria (par)
72019		6050	gyrus paraolfactorius (par)	circunvolución paraolfactoria (par)
		6051	sulci paraolfactorii (par)	surcos paraolfatorios (par)
83744		8673	sulcus paraolfactorius anterior (par)	surco paraolfatorio anterior (par)
83745		8674	sulcus paraolfactorius posterior (par)	surco paraolfatorio posterior (par)
256194		6052↓	gyri orbitales (par)	circunvoluciones orbitarias (par)
62419		8675↓	gyrus orbitalis medialis (par)	circunvolución orbitaria medial (par)
256196		8676↓	gyrus orbitalis anterior (par)	circunvolución orbitaria anterior (par)
80184		8677↓	gyrus orbitalis posterior (par)	circunvolución orbitaria posterior (par)
62418		8678↓	gyrus orbitalis lateralis (par)	circunvolución orbitaria lateral (par)
		12160↓	lobulus orbitalis posteromedialis (par)	lobulillo orbitario posteromedial (par)
		12161↓	regio orbitalis posterolateralis (par)	región orbitaria posterolateral (par)
83770		6053↓	sulci orbitales (par)	surcos orbitarios (par)
		8679↓	sulcus orbitalis lateralis (par)	surco orbitario lateral (par)
83771		8680↓	sulcus orbitalis transversus (par)	surco orbitario transverso (par)
		8681↓	sulcus orbitalis medialis (par)	surco orbitario medial (par)
		12162↓	sulcus rostralis superior (par)	surco rostral superior (par)
		12163↓	sulcus rostralis inferior (par)	surco rostral inferior (par)
61893		6054	gyrus rectus (par)	circunvolución recta (par)
83769		6055	sulcus olfactorius (par)	surco olfatorio (par)
		8682	substancia perforata anterior (par) ; substantia perforata rostralis (par)	sustancia perforada anterior (par) ; sustancia perforada rostral (par)
		8683	structurae olfactoriae (par)	estructuras olfatorias (par)
77624		6195	bulbus olfactorius (par)	bulbo olfatorio (par)
77625		6196	pedunculus olfactorius (par)	pedúnculo olfatorio (par)
77626		6197	tractus olfactorius	haz olfatorio
74883		6198	trigonum olfactorum (par)	trígono olfatorio (par)
61891		6199	tuberculum olfactorum	tubérculo olfatorio
		6200	striae olfactoriae (par)	estrías olfatorias (par)
77627		6201	stria olfactoria medialis (par)	estría olfatoria medial (par)
61971		6202	stria olfactoria lateralis (par)	estría olfatoria lateral (par)
		14202	tractus olfactorius lateralis (par)	haz olfatorio lateral (par)
		8686↓	regio retrobulbaris (par)	región retrobulbar (par)
		8687	cortex piriformis (par) ; cortex olfactorius primarius (par)	córtex piriforme (par) ; córtex olfatorio primario (par)
		8689	pars frontalis (par)	porción frontal (par)
		8690	pars temporalis (par)	porción temporal (par)
61826		6004	lobus parietalis (par)	lóbulo parietal (par)
		8698	facies superolateralis (par)	cara superolateral (par)
61896		6009	gyrus postcentralis (par)	circunvolución postcentral (par)
		12238	cortex somatosensorius primarius gyri postcentralis (par)	córtex somatosensorial primario de la circunvolución postcentral (par)
83774		6010	sulcus postcentralis (par)	surco postcentral (par)
61899		6011↓	lobulus parietalis superior (par)	lobulillo parietal superior (par)
83772		6008↓	sulcus intraparietalis (par)	surco intraparietal (par)

	8781↓	sulcus intermedius primus (par)	primo surco intermedio (par); surco intermedio anterior (par)
	8782↓	sulcus intermedius secundus (par)	segundo surco intermedio (par); surco intermedio posterior (par)
	9122↓	sulcus parietalis transversus	surco parietal transverso
77536	6006↓	lobulus parietalis inferior (par)	lobulillo parietal inferior (par)
61898	6005↓	gyrus angularis (par)	circunvolución ángular (par)
74889	6007↓	operculum parietale	opérculo parietal
61897	6012↓	gyrus supramarginalis (par)	circunvolución supramarginal (par)
	9120	facies inferomedialis (par)	cara inferomedial (par)
77534	6045	lobulus paracentralis	lobulillo paracentral
77538	6058	gyrus paracentralis posterior	circunvolución paracentral posterior
	12239	cortex somatosensorius primarius gyri paracentralis posterioris	córtex somatosensorial primario de la circunvolución paracentral posterior
	9122↓	sulcus parietalis transversus (par)	surco parietal transverso (par)
61900	6059	precuneus (par)	precuña (par)
83777	6041	sulcus subparietalis	surco subparietal
67325	6013	lobus occipitalis (par)	lóbulo occipital (par)
	8700	facies superolateralis (par)	cara superolateral (par)
74892	6014	polus occipitalis (par)	polo occipital (par)
83788	6015	sulcus lunatus (par)	surco lunar (par)
83786	6016	sulcus occipitalis transversus (par)	surco occipital transverso (par)
61901	8701	gyrus occipitalis superior (par)	circunvolución occipital superior (par)
61902	8702	gyrus occipitalis medius (par)	circunvolución occipital media (par)
273129	8703	gyrus occipitalis inferior (par)	circunvolución occipital inferior (par)
274557	8691	gyrus occipitalis descendens (par)	circunvolución occipital descendente (par)
	8692	area striata superolateralis (par)	área estríada superolateral (par)
68614	9119	cortex visualis primarius ; area striata	córtex visual primario ; área estríada
	8784	area extrastríata superolateralis (par)	área extraestríada superolateral (par)
	9125	facies inferomedialis (par)	cara inferomedial (par)
61903	6060	cuneus (par)	cuña (par)
83749	6061	sulcus calcarinus (par)	surco calcarino (par)
61904	6062	gyrus lingualis (par) ; gyrus occipitotemporalis medialis (par)	circunvolución lingual (par) ; circunvolución occipitotemporal medial (par)
74518	6065	sulcus occipitotemporalis (par) ; sulcus occipitotemporalis lateralis (par)	surco occipitotemporal (par) ; surco occipitotemporal lateral (par)
	8704	area striata inferomedialis (par)	área estríada inferomedial (par)
68614	9119	cortex visualis primarius ; area striata	córtex visual primario ; área estríada
	8709	area extrastríata inferomedialis (par)	área extraestríada inferomedial (par)
61825	6017	lobus temporalis (par)	lóbulo temporal (par)
	8705	facies superolateralis (par)	cara superolateral (par)
74890	6018	polus temporalis (par)	polo temporal (par)
61905	6019↓	gyrus temporalis superior (par)	circunvolución temporal superior (par)
	↓	pars anterior (par) ; cortex	porción anterior (par) ; córtex

	8706	auditorius secundarius (par)	auditivo secundario (par)
	8708↓	pars posterior (par)	porción posterior (par)
74891	6020↓	operculum temporale	ópérculo temporal
71043	8710	planum polare (par)	plano polar (par)
273671	6021↓	gyri temporales transversi (par)	circunvoluciones temporales transversas (par)
	12252	cortex auditorius primarius (par)	córtex auditivo primario (par)
61909	6022	gyrus temporalis transversus anterior (par)	circunvolución temporal transversa anterior (par)
61910	6023	gyrus temporalis transversus posterior (par)	circunvolución temporal transversa posterior (par)
71045	6024↓	planum temporale (par)	plano temporal (par)
83782	6025	sulci temporales transversi (par)	surcos temporales transversos (par)
	8711	sulcus temporalis transversus anterior (par)	surco temporal transverso anterior (par)
	8712	sulcus temporalis transversus intermedius (par)	surco temporal transverso intermedio (par)
	8713	sulcus temporalis transversus posterior (par)	surco temporal transverso posterior (par)
83783	6026	sulcus temporalis superior (par)	surco temporal superior (par)
61906	6027	gyrus temporalis medius (par)	circunvolución temporal media (par)
83784	6028	sulcus temporalis inferior (par)	surco temporal inferior (par)
61907	6029↓	gyrus temporalis inferior (par)	circunvolución temporal inferior (par)
	9129	facies inferomedialis (par)	cara inferomedial (par)
61907	6029↓	gyrus temporalis inferior	circunvolución temporal inferior
74518	6065	sulcus occipitotemporalis ; sulcus occipitotemporalis lateralis	surco occipitotemporal ; surco occipitotemporal lateral
61908	6063	gyrus fusiformis (par) ; gyrus occipitotemporalis lateralis (par)	circunvolución fusiforme (par) ; circunvolución occipitotemporal lateral (par)
	12164	pars medialis gyri fusiformis (par)	porción medial de la circunvolución fusiforme (par)
	12165	pars lateralis gyri fusiformis (par)	porción lateral de la circunvolución fusiforme (par)
	8714↓	cortex ectorhinalis (par)	córtex ectorinal (par)
	12166	sulcus fusiformis medius (par)	surco fusiforme medio (par)
83751	6042	sulcus collateralis ; sulcus occipitotemporalis medialis	surco colateral ; surco occipitotemporal medial
61918	6070	gyrus parahippocampalis	circunvolución parahipocámpica
67329	6030↓	insula (par)	islot (par)
274526	6031	gyri insulae (par)	circunvoluciones del islot (par)
67555	6032	gyri longi insulae (par)	circunvoluciones largas del islot (par)
274723	11498	gyrus longus anterior insulae (par)	circunvolución larga anterior del islot (par)
274729	11508	gyrus longus posterior insulae (par)	circunvolución larga posterior del islot (par)
61913	6033	gyri breves insulae (par)	circunvoluciones cortas del islot (par)
274705	11509	gyrus brevis anterior insulae (par)	circunvolución corta anterior del islot (par)
274711	11510	gyrus brevis medius insulae (par)	circunvolución corta media del islot (par)
274717	11511	gyrus brevis posterior insulae (par)	circunvolución corta posterior del islot (par)
	12167	gyrus transversus insulae (par)	circunvolución transversa del islot

61915		11513
		gyrus accessorius anterior insulae (par)
83753		6035
		sulcus circularis insulae (par) ; sulcus periinsularis (par)
83779		6034
		sulcus centralis superior insulae (par)
75266		6036
		limen insulae (par)
		regio peripaleocorticalis claustralis (par)
72719		6066
		lobus limbicus (par)
275048		8717
		gyrus limbicus (par)
61890		6047
		area subcallosa ; gyrus subcallosus
62434		6067↓
		gyrus cingularis (par)
61916		8718
		pars anterior (par)
276530		8720
		pars media (par)
61924		8726
		pars posterior (par)
		9433↓
		cortex retrosplenialis
62502		6068
		isthmus gyri cingularis (par)
61918		6070
		gyrus parahippocampalis (par)
		8740↓
		cortex entorhinalis (par)
		8741
		substantia reticularis alba (par)
		8742↓
		verrucae hippocampi (par)
		8719↓
		cortex perirhinalis (par)
		9432
		subregio transentorhinalis (par)
74884		6071↓
		uncus (par)
		8734↓
		gyrus ambiens (par)
		8735↓
		sulcus semianularis (par)
		8736↓
		gyrus semilunaris (par)
		8737↓
		gyrus uncinatus (par)
		8738↓
		limbus fasciae dentatae (par)
275054		8739↓
		gyrus intralimbicus (par)
83751		6042
		sulcus collateralis ; sulcus occipitotemporalis medialis
83746		6076
		sulcus rhinalis (par)
		8756↓
		sulcus intrarhinalis (par)
		12155↓
		regio periamygaloidea (par)
74038		8721
		formatio hippocampi (par)
277774		8722
		pars precommissuralis hippocampi (par)
		8723
		pars supracommissuralis hippocampi (par)
62439		6083
		stria longitudinalis lateralis (par)
62488		6082
		indusium griseum (par)
67956		6084
		stria longitudinalis medialis (par)
277777		8724↓
		hippocampus proprius (par) ; pars retrocommissuralis hippocampi (par)
		12253
		divisiones hippocampi proprii (par)
323277		6146
		pes hippocampi (par)

	6147	digitationes hippocampi (par) ⑩	digitaciones del hipocampo (par) ⑩
275036	9275	caput hippocampi (par) ⑩; segmentum anterius hippocampi (par) ⑩	cabeza del hipocampo (par) ⑩; segmento anterior del hipocampo (par) ⑩
275030	9278	corpus hippocampi (par) ⑩; segmentum medium hippocampi (par) ⑩	cuerpo del hipocampo (par) ⑩; segmento medio del hipocampo (par) ⑩
275042	9294	cauda hippocampi (par) ⑩; segmentum posterius hippocampi (par) ⑩	cola del hipocampo (par) ⑩; segmento posterior del hipocampo (par) ⑩
83747	6072	sulcus hippocampalis (par) ⑩	surco de la formación hipocámpica (par)
61922	6073	gyrus dentatus (par) ⑩; fascia dentata (par) ⑩	circunvolución dentada (par) ⑩; fascia dentada (par) ⑩
83728	6074	sulcus fimbriodentatus (par) ⑩	surco fimbriodentado (par) ⑩
	8762↓	dentes subiculi (par) ⑩; gyri subspleniales (par) ⑩	prominencias subiculares (par); circunvoluciones subespleniales (par) ⑩
61921	6069↓	gyrus fasciolaris (par) ⑩	circunvolución fasciolar (par) ⑩
275093	8757↓	fasciola cinerea (par) ⑩	fasciola cinérea (par) ⑩
74414	6149	subiculum (par) ⑩	subículo (par) ⑩
62486	6148	presubiculum (par) ⑩	presubículo (par) ⑩
77604	6145	parasubiculum (par) ⑩	parasubículo (par) ⑩
86464	6077	corpus callosum ⑩	cuerpo caloso ⑩
61945	6078	rostrum ⑩	pico ⑩
61946	6079	genu ⑩	rodilla ⑩
61947	6080	truncus ⑩; corpus ⑩	tronco ⑩; cuerpo ⑩
61948	6081	splenium corporis callosi ⑩	rodete del cuerpo calloso ⑩
61844	6098	septum pellucidum ⑩	septum pellucidum
61874	6099	cavum ⑩	cavidad ⑩
62472	6100	lamina (par) ⑩	lámina (par) ⑩
	12096	morphologia interna telencephali	morfología interna del telencéfalo
61830	6124	cortex cerebri (par) ⑩	córtex cerebral (par) ⑩
61830	5972↓	pallium (par) ⑩	córtex cerebral (par)
	8793↓	pallium dorsale (par) ⑩	palio dorsal (par) ⑩
	8798↓	pallium laterale (par) ⑩	palio lateral (par) ⑩
	8826↓	pallium mediale (par) ⑩	palio medial (par) ⑩
	8827↓	pallium ventrale (par) ⑩	palio ventral (par) ⑩
62429	6130	isocortex (par) ⑩; neocortex (par) ⑩	isocórtez (par) ⑩; neocórtez (par) ⑩
	8830↓	isocortex granularis (par) ⑩	isocórtez granular (par) ⑩
	8851	areae sensoriae primariae (par) ⑩	áreas sensoriales primarias (par) ⑩
	8852	areae sensoriae unimodales (par) ⑩	áreas sensoriales unimodales (par) ⑩
	8853	areae associationis ordini magni (par) ; areae maiores associationis (par) ⑩	áreas de asociación polisensorial (par); áreas de asociación principal (par)
	8868	isocortex agranularis (par) ⑩	isocórtez agranular (par) ⑩
	8869	area motoria primaria (par) ⑩	área motor primaria (par) ⑩
	8919	areae motoriae nonprimariae (par) ⑩	áreas motoras suplementarias (par)
242257	6131	strata isocorticis (par) ⑩	capas del isocórtez (par) ⑩
242259	6132	lamina molecularis (par) ⑩; lamina I (par) ⑩	capa molecular (par) ⑩; capa I (par) ⑩
242264	6133	lamina granularis externa (par) ⑩; lamina II (par) ⑩	capa granular externa (par) ⑩; capa II (par) ⑩
242283	6134	lamina pyramidalis externa (par) ⑩; lamina III (par) ⑩	capa piramidal externa (par) ⑩; capa III (par) ⑩
242298	6135	lamina granularis interna (par) ⑩; lamina IV (par) ⑩	capa granular interna (par) ⑩; capa IV (par) ⑩

242313		6136	lamina pyramidalis interna (par) lamina V (par)	capa piramidal interna (par) ; capa V (par)
242333		6137	lamina multiformis (par) ; lamina VI (par)	capa multiforme (par) ; capa VI (par)
		8928	striae fibrarum myelinatarum isocorticis (par)	estriás de fibras myelinadas del isocórtex (par)
77807		6138	stria laminae molecularis (par) ; lamina 1 (par) ; lamina tangentialis (par)	estría de la capa molecular del isocórtex (par) ; capa 1 (par) ; capa tangencial (par)
		8929	sublamina superficialis (par) ; sublamina 1a (par)	subcapa superficial (par) ; subcapa 1a (par)
		8982	sublamina intermedia (par) ; sublamina 1b (par)	subcapa intermedia (par) ; subcapa 1b (par)
		9021	sublamina profunda (par) ; sublamina 1c (par)	subcapa profunda (par) ; subcapa 1c (par)
		9022	lamina dysfibrosa (par) ; lamina 2 (par)	capa disfibrosa (par) ; capa 2 (par)
		9083	lamina suprastriata (par) ; lamina 3 (par)	capa supraestríada (par) ; capa 3 (par)
		9084	sublamina superficialis (par) ; sublamina 3a (par)	subcapa superficial (par) ; subcapa 3a (par)
		9085	sublamina intermedia (par) ; sublamina 3b (par)	subcapa intermedia (par) ; subcapa 3b (par)
		9086	sublamina profunda (par) ; sublamina 3c (par)	subcapa profunda (par) ; subcapa 3c (par)
		9087	stria laminae pyramidalis externi (par) ; lamina 4 (par)	estría de la capa piramidal externa del isocórtex (par) ; capa 4 (par)
		9101	lamina intrastriata (par) ; sublamina 5a (par)	capa intraestríada (par) ; subcapa 5a (par)
77809		6142	stria laminae pyramidalis interni (par) ; sublamina 5b (par)	estría de la capa piramidal interna del isocórtex (par) ; subcapa 5b (par)
		9102	lamina substriata limitans (par) ; lamina 6 (par)	capa subestríada limitante (par) ; capa 6 (par)
		9109	sublamina substriata (par) ; sublamina 6a (par)	subcapa subestríada (par) ; subcapa 6a (par)
		9110	sublamina limitans (par) ; sublamina 6b (par)	subcapa limitante (par) ; subcapa 6b (par)
		9114	stria verticalis (par)	estría vertical (par)
		9116	columna corticalis isocorticis (par)	columna cortical del isocórtex (par)
68614		9119	cortex visualis primarius (par) ; area striata (par)	córtex visual primario (par) ; área estríada (par)
75667		6141	stria occipitalis (par)	estría occipital (par)
		9126	columna dominantiae ocularis (par)	columna de dominancia (par)
		9127	columna orientationis (par)	columna de orientacion (par)
		9132	hypercolumna (par)	hypercolumna (par)
		9135↓	neura isocorticis (par)	neuronas del isocórtex (par)
		9139	neura projectionis isocorticis (par) ; neura pyramidalia isocorticis (par)	neuronas de proyección del isocórtex (par) ; neuronas piramidales del isocórtex (par)
		8814	neura pyramidalia magna isocorticis (par)	neuronas piramidales magnas del isocórtex (par)
		8815	neura pyramidalia gigantea isocorticis (par)	neuronas piramidales gigantes del isocórtex (par)
		9143	neura commissuralia isocorticis (par)	neuronas de proyección callosa del isocórtex (par)
		8816	neura pyramidalia media isocorticis (par)	neuronas piramidales intermedias del isocórtex (par)
		9155	neura associationis isocorticis (par)	neuronas de asociación del isocórtex (par)

		neura pyramidalia parva isocorticis (par) ⑪	neuronas piramidales pequeñas del isocórtex (par) ⑪
8817		interneura isocorticis (par) ⑪	interneuronas del isocórtex (par) ⑪
9170		interneura excitatoria isocorticis (par) ⑪; interneura spinosa isocorticis (par) ⑪	interneuronas excitadoras del isocórtex (par) ⑪; interneuronas espinosas del isocórtex (par) ⑪
8818		neura stellata spinosa isocorticis (par) ⑪	neuronas estrelladas espinosas del isocórtex (par) ⑪
8819		interneura inhibitoria isocorticis (par) ⑪; interneura levia isocorticis (par) ⑪	interneuronas inhibidoras del isocórtex (par) ⑪; interneuronas lisas del isocórtex (par) ⑪
8820↓		neura axodendritica isocorticis (par) ⑪	neuronas axodendríticas del isocórtex (par) ⑪; terminaciones axodendríticas del isocórtex (par)
8821		neura bipolaria isocorticis (par) ⑪	neuronas bipolares del isocórtex (par) ⑪
8822		neura horizontalia isocorticis (par) ⑪	neuronas horizontales del isocórtex (par) ⑪
8823		neura multiplumosa isocorticis (par) ⑪	neuronas multipenachadas del isocórtex (par) ⑪
8824		neura neurogliaformia isocorticis (par) ⑪; neura araneiformia isocorticis (par) ⑪	neuronas neurogliaformes del isocórtex (par) ⑪; neuronas araneiformes del isocórtex (par) ⑪
8825		neura racemiformia biracemiformia isocorticis (par) ⑪; neura biplumosa isocorticis (par) ⑪	neuronas racemiformes bifasciculares del isocórtex (par) ⑪; neuronas bipenachadas del isocórtex (par) ⑪
8828		neura axosomatodendritica isocorticis (par) ⑪	neuronas axosomatodendríticas del isocórtex (par) ⑪
8829		neura corbiformia magna isocorticis (par) ⑪	neuronas en pico de cuervo grande del isocórtex (par)
8831		neura corbiformia parva isocorticis (par) ⑪	neuronas en pico de cuervo pequeña del isocórtex (par)
8832		neura axoaxonica isocorticis (par) ⑪	neuronas axoaxónicas del isocórtex (par) ⑪
8833		neura candelaria isocorticis (par) ⑪	neuronas en candelabro del isocórtex (par)
8834		complexus claustroinsularis (par) ⑪	complejo claustrínsular (par) ⑪
9180↓		claustrum (par) ⑪	claustrum (par) ⑪
67440	妃	9186	claustrum dorsale (par) ⑪; claustrum insulare (par) ⑪
		9187	claustrum ventrale (par) ⑪; nucleus endopiriformis (par) ⑪
		9188↓	cortex insularis (par) ⑪
		9189	cortex insularis agranularis (par) ⑪
		9206	neura projectionis corticis insularis (par) ⑪
		9222	neura bipolaria magna corticis insularis (par) ⑪
		9223↓	cortex insularis dysgranularis (par) ⑪
		9227↓	cortex insularis granularis (par) ⑪
		83687	allocortex (par) ⑪
	妃	6128↓	paleocortex (par) ⑪
	妃	6126↓	strata bulbi olfactorii (par) ⑪
		9183	stratum neurofibrosum (par)
		9228	stratum glomerulare (par) ⑪
		9229	glomerulus olfactorius (par) ⑪
		9230	stratum plexiforme externum (par) ⑪
		9231	

9232	stratum mitrale (par) (II)	capa mitral (par) (II)
9233	stratum plexiforme internum (par) (II)	capa plexiforme interna (par) (II)
9234	stratum granulare (par) (II)	capa granular (par) (II)
9237	neura bulbi olfactorii (par) (II)	neuronas del bulbo olfatorio (par) (II)
9332	neura projectionis bulbi olfactorii (par) (II); neura principalia bulbi olfactorii (par) (II)	neuronas de proyección del bulbo olfatorio (par) (II); neuronas principales del bulbo olfatorio (par) (II)
9333	neura mitralia bulbi olfactorii (par) (II)	neuronas mitrales del bulbo olfatorio (par) (II)
9334	neura plumosa bulbi olfactorii (par) (II)	neuronas penachadas del bulbo olfatorio (par) (II)
9335	neura plumosa externa bulbi olfactorii (par) (II)	neuronas penachadas externas del bulbo olfatorio (par) (II)
9364	neura plumosa media bulbi olfactorii (par) (II)	neuronas penachadas medias del bulbo olfatorio (par) (II)
9365	neura plumosa interna bulbi olfactorii (par) (II)	neuronas penachadas internas del bulbo olfatorio (par) (II)
9366	interneura bulbi olfactorii (par) (II)	interneuronas del bulbo olfatorio (par) (II)
9367	interneura excitatoria bulbi olfactorii (par) (II)	interneuronas excitadoras del bulbo olfatorio (par) (II)
9368↓	neura juxtaglomerularia bulbi olfactorii (par) (II)	neuronas juxtaglomerulares del bulbo olfatorio (par) (II)
9379	interneura inhibitoria bulbi olfactorii (par) (II)	interneuronas inhibidoras del bulbo olfatorio (par) (II)
9380	neura granularia superficialia bulbi olfactorii (par) (II)	neuronas granulares superficiales del bulbo olfatorio (par) (II)
9383	neura granularia intermedia bulbi olfactorii (par) (II)	neuronas granulares intermedias del bulbo olfatorio (par) (II)
9384	neura granularia profunda bulbi olfactorii (par) (II)	neuronas granulares profundas del bulbo olfatorio (par) (II)
9387	neura periglomerularia bulbi olfactorii (par) (II)	neuronas periglomerulares del bulbo olfatorio (par) (II)
6306	cellulae dopaminergicae bulbi olfactorii (par) (II)	células dopaminérgicas del bulbo olfatorio (par) (II)
<u>77628</u>	6182↓ strata regionis retrobulbaris (par) (II)	capas de la región retrobulbar (par) (II)
	9238 stratum moleculare (par) (II)	capa molecular (par) (II)
	9239 stratum densocellulare (par) (II)	capa densocelular (par) (II)
	9240 stratum multiforme (par) (II)	capa multiforme (par) (II)
	9242 strata corticis piriformis (par) (II)	estratificaciones del córtex piriforme (par)
	9245 stratum moleculare (par) (II)	capa molecular (par) (II)
	9246 stratum densocellulare (par) (II)	capa densocelular (par) (II)
	9247 stratum multiforme (par) (II)	capa multiforme (par) (II)
	9243 strata regionis periamygdaloidei (par) (II)	capas de la región periamigdalina (par) (II)
	9248 stratum moleculare (par) (II)	capa molecular (par) (II)
	9250 stratum densocellulare (par) (II)	capa densocelular (par) (II)
	9244 strata regionis peripaleocorticalis claustralis (par) (II)	capas de la región peripaleocortical claustral (par) (II)
	9251 stratum moleculare (par) (II)	capa molecular (par) (II)
	9252 stratum densocellulare (par) (II)	capa densocelular (par) (II)
	9253 stratum dissecans (par) (II)	capa disecante (par) (II)
	9272 stratum multiforme (par) (II)	capa multiforme (par) (II)
<u>62424</u>	6125↓ archicortex (par) (II)	archicórtex (par) (II)
	9295 regiones hippocampi (par) (II)	regiones del hipocampo (par) (II)
<u>74042</u>	6151 cornu ammonis 1 (par) (II)	asta de Ammon 1 (par) (II)
<u>72044</u>	6152 cornu ammonis 2 (par) (II)	asta de Ammon 2 (par) (II)
<u>72045</u>	6153 cornu ammonis 3 (par) (II)	asta de Ammon 3 (par) (II)
<u>75741</u>	6154 cornu ammonis 3h (par) (II)	asta de Ammon 3h (par) (II)

	6157	strata hippocampi (par)	capas del hipocampo (par)
83149	6158	stratum lacunomoleculare (par)	capa lagunosomolecular (par)
83894	6161	stratum radiatum (par)	capa radiada (par)
83895	6160	stratum pyramidale (par)	capa piramidal (par)
83893	6159	stratum oriens (par)	capa oriens (par)
	9023	neura hippocampi (par)	neuronas del hipocampo (par)
	9298	neura projectionis hippocampi (par)	neuronas de proyección del hipocampo (par)
	9299	neura pyramidalia hippocampi (par)	neuronas piramidales del hipocampo (par)
	9305↓	interneura hippocampi (par)	interneuronas del hipocampo (par)
	9307	interneura inhibitoria hippocampi (par)	interneuronas inhibidoras del hipocampo (par)
	9312	neura corbiformia hippocampi (par)	neuronas en pico de cuervo del hipocampo (par)
	9326	neura bistratificata hippocampi (par)	neuronas biestratificadas del hipocampo (par)
	9328	neura candelaria hippocampi (par)	neuronas en candelabro del hipocampo (par)
	8764	substantia alba hippocampi (par)	sustancia blanca del hipocampo (par)
	13172	tractus commissurales hippocampi	haces comisurales del hipocampo
61970	6286↓	commissura hippocampi	comisura del hipocampo
	9331	psalterium	haces descendentes del hipocampo
61965	6091	fornix	haces descendentes originados en el hipocampo
	8538	tractus proprii hippocampi	fórrix
	9396	tractus intrinsiци hippocampi	haces propios del hipocampo
	9397	neurofibrae muscosae hippocampi	haces intrínsecos del hipocampo
	8539↓	collaterales axonales hippocampi proprii	fibras musgosas del hipocampo
	9398	via endofolialis	colaterales axonales del hipocampo propio
		collaterales axonales hilares hippocampi proprii	haz endofolial
83867	6156	alveus hippocampi	colaterales axonales del hilio del hipocampo propio
83866	6075	fimbria hippocampi	alveus del hipocampo
83678	6163	strata gyri dentati (par)	fimbria del hipocampo
83677	6164	stratum moleculare gyri dentati (par)	capas de la circunvolución dentada (par)
83146	6165	stratum granulare gyri dentati (par)	capa molecular de la circunvolución dentada (par)
72358	6166	stratum multiforme gyri dentati (par)	capa granular de la circunvolución dentada (par)
	9399	neura gyri dentati (par)	capa multiforme de la circunvolución dentada (par)
	9400	neura projectionis gyri dentati (par)	neuronas de la circunvolución dentada (par)
	9401	neura principalia gyri dentati (par)	neuronas de proyección de la circunvolución dentada (par)
	9402	neura granularia gyri dentati (par)	neuronas granulares de la circunvolución dentada (par)
	9403	interneura gyri dentati (par)	interneuronas de la circunvolución dentada (par)
	9404	interneura excitatoria gyri dentati (par)	interneuronas excitadoras de la circunvolución dentada (par)
		neura muscosa gyri dentati (par)	neuronas musgosas de la circunvolución dentada (par)
		neura stellata gyri dentati (par)	neuronas estrelladas de la circunvolución dentada (par)

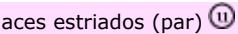
9405	interneura inhibitoria gyri dentati (par)	interneuronas inhibidoras de la circunvolución dentada (par)
9406	neura corbiformia pyramidalia gyri dentati (par)	neuronas piramidales en pico de cuervo de la circunvolución dentada (par)
9407	neura candelaria gyri dentati (par) ; neura axoaxonica gyri dentati (par)	neuronas en candelabro de la circunvolución dentada (par); neuronas axoaxónicas de la circunvolución dentada (par)
11908	strata subiculi (par)	capas del subículo (par)
8760	stratum moleculare subiculi (par)	capa molecular del subículo (par)
8761	stratum pyramidale subiculi (par)	capa piramidal del subículo (par)
8763	stratum multiforme subiculi (par)	capa multiforme del subículo (par)
<u>84039</u>	<u>6129↓</u>	<u>mesocortex (par) </u>
		proisocortex (par)
		periallocortex (par)
		peripaleocortex (par)
		periarchicortex (par)
		strata presubiculi (par)
		stratum moleculare presubiculi (par)
		stratum principale externum presubiculi (par)
		stratum principale internum presubiculi (par)
		strata parasubiculi (par)
		stratum moleculare parasubiculi (par)
		stratum cellulare parasubiculi (par)
		strata corticis entorhinalis (par)
		stratum moleculare corticis entorhinalis (par) ; lamina 1 corticis entorhinalis (par)
		stratum principale externum corticis entorhinalis (par)
		stratum stellare corticis entorhinalis (par) ; lamina 2 corticis entorhinalis (par)
		stratum pyramidale corticis entorhinalis (par) ; lamina 3 corticis entorhinalis (par)
		lamina dissecans corticis entorhinalis (par) ; lamina 4 corticis entorhinalis (par)
		stratum principale internum corticis entorhinalis (par) ; lamina 5 corticis entorhinalis (par)
		stratum magnocellulare corticis entorhinalis (par) ; sublamina 5a corticis entorhinalis (par)
		stratum parvocellulare corticis entorhinalis (par) ; sublamina 5b corticis entorhinalis (par)
		stratum 5c corticis entorhinalis (par) ; sublamina 5c corticis entorhinalis (par)
		strata corticis perirhinalis (par)
		stratum moleculare corticis perirhinalis (par) ; lamina 1 corticis perirhinalis (par)

		stratum stellare corticis perirhinalis (par) ⑪; lamina 2 corticis perirhinalis (par) ⑪	capa estrellada del córtex perirrinal (par) ⑪; capa 2 del córtex perirrinal (par) ⑪
8768↓		stratum pyramidale externum corticis perirhinalis (par) ⑪; lamina 3 corticis perirhinalis (par) ⑪	capa piramidal externa del córtex perirrinal (par) ⑪; capa 3 del córtex perirrinal (par) ⑪
8769		lamina dissecans corticis perirhinalis (par) ⑪; lamina 4 corticis perirhinalis (par) ⑪	capa granular interna del córtex perirrinal (par); capa 4 del córtex perirrinal (par) ⑪; capa dissecante del córtex perirrinal (par)
8770		stratum pyramidale internum corticis perirhinalis (par) ⑪; lamina 5 corticis perirhinalis (par) ⑪	capa piramidal interna del córtex perirrinal (par) ⑪; capa 5 del córtex perirrinal (par) ⑪
8771		stratum multiforme corticis perirhinalis (par) ⑪; lamina 6 corticis perirhinalis (par) ⑪	capa multiforme del córtex perirrinal (par) ⑪; capa 6 del córtex perirrinal (par) ⑪
8772		cortex cingularis (par) ⑪	córtex cingular (par) ⑪
9454↓		cortex retrosplenialis (par) ⑪	córtex retroesplénial (par) ⑪
9433↓		cortex ectosplenialis (par) ⑪	córtex ectoesplénial (par) ⑪
9434		cortex retrosplenialis granularis (par) ⑪	córtex retroesplénial granular (par) ⑪
9443		cortex retrosplenialis dysgranularis (par) ⑪	córtex retroesplénial disgranular (par) ⑪
9453		substantia alba hemispherii cerebri (par) ⑪	sustancia blanca del hemisferio cerebral (par) ⑪
9449		centrum semiovale (par) ⑪	centro semioval (par) ⑪
61960	↖	capsula extrema ⑪	cápsula extrema ⑪
62076		pedunculus temporalis ⑪	pedúnculo temporal ⑪
77636	↖	fasciculus uncinatus cerebri ⑪	fascículo uncinado del cerebro ⑪
77633	↖	(fasciculus occipitofrontalis inferior ⑪)	(fascículo occipitofrontal inferior ⑪)
61950	↖	capsula interna (par) ⑪	cápsula interna (par) ⑪
61952	↖	crus anterius (par) ⑪	brazo anterior (par)
76976	↖	radiatio thalamica anterior ⑪; radiatio anterior thalami ⑪	radiación anterior del talámico ⑪
75223	↖	tractus frontopontinus ⑪	haz frontopontino ⑪
61953	↖	genu (par) ⑪	rodilla (par) ⑪
75222	↖	pars capsularis ⑪	porción cápsular ⑪
61954	↖	crus posterius (par) ⑪	brazo posterior (par)
76978	↖	radiatio thalamica centralis ⑪; radiatio centralis thalami ⑪	radiación central del talámico ⑪
		tractus corticoreticularis ⑪	haz corticoreticulado ⑪
8528		tractus corticorubralis ⑪	haz corticorubral ⑪
9196		tractus corticospinalis ⑪	haz corticoespinal ⑪
8527		fibrae corticotalamicae ⑪	fibras corticotálamicas ⑪
8525		fibrae parietopontinae ⑪	fibras parietopontinas ⑪
8535		fibrae thalamoparietales ⑪	fibras talamoparietales ⑪
7574		pars retrolentiformis (par) ⑪	porción retrolentiforme (par) ⑪; brazo retrolentiforme (par)
61957	↖	fibrae occipitopontinae ⑪	fibras occipitopontinas ⑪
		fibrae occipitotectales ⑪	fibras occipitotectales ⑪
6256		radiatio optica ⑪	radiación óptica ⑪
61941	↖	fibrae geniculocalcarinæ ⑪	fibras geniculocalcarinas ⑪
12178		radiatio thalamica posterior ⑪; radiatio posterior thalami ⑪	radiación posterior del talámico ⑪
76982	↖	pars sublentiformis (par) ⑪	porción sublentiforme (par) ⑪
61958	↖	radiatio acustica ⑪	radiación acústica ⑪
		fibrae geniculotemporales ⑪	fibras geniculotemporales ⑪
8500		fibrae corticotectales ⑪	fibras corticotectales ⑪
12176			
6261			

61941		5884	radiatio optica
		12178	fibrae geniculocalcarinae
		8536	fibrae temporopontinae
		8525	fibrae corticothalamicae
260714		7616	tractus associationis originis telencephali ; tractus associationis cerebri
260717		6274↓	fibrae associationis breves; fibrae U-figuratae
77630		6273↓	fibrae associationis longae
		14223	systema longitudinale superius
77631		6272↓	fasciculus longitudinalis superior fasciculus longitudinalis superior I fasciculus longitudinalis superior II fasciculus longitudinalis superior III fasciculus frontooccipitalis (fasciculus occipitofrontalis superior
77634		6277	fasciculus arcuatus
276650		6269↓	systema longitudinale inferius fasciculus frontooccipitalis inferior fasciculus uncinatus cerebri (fasciculus occipitofrontalis inferior
77636		6275	systema longitudinale medium fasciculus longitudinalis medius systema longitudinale basale fasciculus longitudinalis inferior
77633		6276	systema longitudinale mesiale systema transversum anterius fasciculus frontalis obliquus systema transversum posterius fasciculus temporoparietalis verticalis
83457		11830	fibrae associationis lobares fasciculus frontalis orbitopolaris fasciculus frontomarginalis fasciculi occipitales verticales fibrae laterales fibrae caudales fasciculi occipitales horizontales fibrae cuneatae fibrae linguae
61959		6266	capsula externa (par) tractus commissurales originis cerebri; tractus commissurales cerebri
		8522	fibrae corporis callosi radiatio corporis callosi
77693		6085	forceps minor ; forceps frontalis
61944		6086	radiación óptica fibras geniculocalcarinas fibras temporopontinas fibras corticotáalamicas haces de asociación del origen del telencéfalo ; haces de asociación del cerebro fibras de asociación cortas fibras largas de asociación sistema longitudinal superior fascículo longitudinal superior fascículo longitudinal superior I fascículo longitudinal superior II fascículo longitudinal superior III fascículo frontooccipital (fascículo occipitofrontal superior fascículo arqueado sistema longitudinal inferior fascículo frontooccipital inferior fascículo uncinado del cerebro (fascículo occipitofrontal inferior sistema longitudinal medio fascículo longitudinal medio sistema longitudinal basal fascículo longitudinal inferior sistema longitudinal mesial cíngulo sistema transverso anterior fascículo frontal oblicuo sistema transverso posterior fascículo temporoparietal vertical fibras de asociación lóbular fascículo frontal orbitopolar fascículo frontomarginal fascículos occipitales verticales fibrae laterales fibrae caudales fascículos occipitales horizontales fibrae cuneiformes fibrae linguales cápsula externa (par) haces comisurales originados en el telencéfalo; haces comisurales del cerebro fibras del cuerpo calloso radiación del cuerpo calloso fórceps menor ; fórceps frontal

61949		6087	forceps major ; forceps occipitalis 	fórceps mayor ; fórceps occipital
77208		6088	tapetum	tapetum
61970		6286↓	commissura hippocampi ; psalterium 	comisura del hipocampo
61961		5799	commissura anterior 	comisura anterior
61963		6089	pars anterior commissurae anterioris 	porción anterior de la comisura anterior
61964		6090	pars posterior commissurae anterioris 	parte posterior de la comisura anterior
		8524	tractus descendentes originis cerebri	haces descendentes originados en el telencéfalo
77637		9509↓	fasciculus subcallosus 	fascículo subcalloso
84379		6193	fasciculus peduncularis descendens 	fascículo peduncular descendente
		13173	fasciculus angularis 	fascículo ángular
		9395	tractus perforans 	haz perforante
		9544	fibrae corticostriatales 	fibras corticoestriadas
		8525	fibrae corticothalamicæ 	fibras corticotálamicas
		6256	fibrae occipitotectales 	fibras occipitotectales
72634		8526	tractus pyramidalis 	haz piramidal
		9196	tractus corticorubralis 	haz corticorubral
		8528	tractus corticoreticularis 	haz corticoreticulato
		12525	tractus corticonuclearis 	haz corticonuclear
		8527	tractus corticospinalis 	haz corticoespinal
		12543	tractus corticopontini 	haces corticopontinos
		8532	fibrae frontopontinae 	fibras frontopontinas
		8535	fibrae parietopontinae 	fibras parietopontinas
		8536	fibrae temporopontinae 	fibras temporopontinas
		8534	fibrae occipitopontinae 	fibras occipitopontinas
		51861	corona radiata (par)	corona radiada (par)
61841		6168↓	corpus amygdaloideum (par) ; complexus amygdaloideus (par) ; amygdala (par)	cuerpo amigdalino (par) ; complejo amigdalino (par) ; amígdala (par)
		9547	nuclei basolaterales (par)	núcleos basolaterales (par)
68855		6173	nucleus basalis lateralis amygdalæ (par)	núcleo basal lateral de la amígdala (par)
68858		6174	nucleus basalis medialis amygdalæ (par)	núcleo basal medial de la amígdala (par)
77606		6169	area transitionis amygdaloclaustralis (par)	área de transición amigdalo claustral (par)
61866		6178	nucleus lateralis amygdalæ (par)	núcleo lateral de la amígdala (par)
		9579	nuclei centromediales (par)	núcleos centromediales (par)
74047		6175	nucleus centralis amygdalæ (par)	núcleo central de la amígdala (par)
74046		6179	nucleus medialis amygdalæ (par)	núcleo medial de la amígdala (par)
		9580	nuclei intercalati amygdalæ (par)	núcleos intercalados de la amígdala (par)
		9581	area transitionis amygdalostriatalis (par)	área de transición amigdalo estriado (par)
		9582	amygdala extenta (par)	amígdala extendida (par)
61884		6185↓	nucleus striae terminalis (par)	núcleo de la estría terminal (par)
		9123	divisio lateralis nuclei striae terminalis (par)	división lateral del núcleo de la estría terminal (par)
		9124	divisio medialis nuclei striae terminalis (par)	división medial del núcleo de la estría terminal (par)
77609		6186	pars subtentorialis amygdalæ (par)	porción subtentorial de la amígdala (par)
77699		6177	nucleus interstitialis amygdalæ (par) ; nucleus interstitialis partis posterioris commissuræ anterioris (par)	núcleo amigdalino intersticial (par); núcleo intersticial de la parte posterior de la comisura anterior (par)
		9583↓	amygdala olfactoria (par)	amígdala olfatoria (par)
61861		6172	area amygdaloidea anterior (par)	área amigdalina anterior (par)

	9846	nucleus corticalis anterior amygdalae (par) ⑩	núcleo cortical anterior de la amígdala (par) ⑩
	9847	nucleus corticalis posterior amygdalae (par) ⑩	núcleo cortical posterior de la amígdala (par) ⑩
	9848	nucleus corticalis ventralis amygdalae (par) ⑩	núcleo cortical ventral de la amígdala (par) ⑩
61865	6180	nucleus tractus olfactorii lateralis (par)	núcleo de la estría olfatoria lateral (par) ⑩
77607	6170	area transitionis amygdalohippocampalis (par) ⑩	área de transición amigdalohipocámpica (par)
77608	6171	area transitionis amygdalopiriformis (par) ⑩	área de transición amigdalo piriforme (par) ⑩
62485	6181	cortex periamygdaloideus (par) ⑩	córtex periamigdalino (par) ⑩
	8786	substantia alba corporis amygdaloidei (par) ⑩	sustancia blanca del cuerpo amigdalino (par) ⑩
	8525	fibrae corticothalamicae ⑩ ⑩	fibras corticotálamicas ⑩ ⑩
61974	6111	stria terminalis ⑩ ⑩	estría terminal ⑩ ⑩
	8544	fasciculus amygdalofugalis ventralis ⑩ ⑩	fascículo amigdalfugo ventral ⑩ ⑩
	8126	fibrae amygdalotegmentales ⑩ ⑩	fibras amigdalotegmentales ⑩ ⑩
77616	6230↓	subpellum (par) ⑩	cuerpo estriado (par)
77618	6231	striatum (par) ⑩	cuerpo estriado (par)
83684	6233	pallidum (par) ⑩	pálido (par) ⑩
	9545	area diagonalis (par) ⑩	área diagonal (par) ⑩
62313	5785	area preoptica (par) ⑩	área preóptica (par) ⑩
	6216	nuclei basales (par) ⑩	núcleos basales (par) ⑩
61833	6217	nucleus caudatus (par) ⑩	núcleo caudado (par) ⑩
61852	6218	caput nuclei caudati (par) ⑩	cabeza del núcleo caudado (par) ⑩
61853	6219	corpus nuclei caudati (par) ⑩	cuerpo del núcleo caudado (par) ⑩
61854	6220	cauda nuclei caudati (par) ⑩	cola del núcleo caudado (par) ⑩
77615	6221	nucleus lentiformis (par) ⑩; nucleus lenticularis (par) ⑩	núcleo lenticiforme (par) ⑩; núcleo lenticular (par) ⑩
61834	6222	putamen (par) ⑩	putamen (par) ⑩
62469	6223	lamina medullaris lateralis ⑩; lamina medullaris externa ⑩ ⑩	lámina medular lateral ⑩; lámina medular externa ⑩ ⑩
61839	6224	globus pallidus lateralis (par); globus pallidus externus (par) ⑩	globo pálido lateral (par) ⑩; globo pálido externo (par) ⑩
62470	6225	lamina medullaris medialis ⑩; lamina medullaris interna ⑩ ⑩	lámina medular medial ⑩; lámina medular interna ⑩ ⑩
61840	6226	globus pallidus medialis (par); globus pallidus internus (par) ⑩	globo pálido medial (par) ⑩; globo pálido interno (par) ⑩
	6227	pars lateralis (par) ⑩	porción lateral (par) ⑩
62471	6228	lamina medullaris accessoria (par) ⑩	lámina medular accesoria (par) ⑩
	6229	pars medialis (par) ⑩	porción medial (par) ⑩
	9839	substantia grisea striati (par) ⑩	sustancia gris del cuerpo estriado (par) ⑩
77620	6232	striatum dorsale (par) ⑩	estriado dorsal (par) ⑩
	9840↓	substantia grisea nuclei caudati (par) ⑩	sustancia gris del núcleo caudado (par) ⑩
	9841	striosoma (par) ⑩	striosoma (par) ⑩
	9842	matrix striatalis (par) ⑩	matriz estriada (par) ⑩
	6240	pontes grisei caudolenticulares (par) ⑩ ; pontes grisei transcapsulares (par) ⑩	masas neuronales caudolenticulares (par); masas neuronales transcapsulares (par)
77614	6205	striatum ventrale (par) ⑩	estriado ventral (par) ⑩
	9844↓	fundus striati (par) ⑩	base del cuerpo estriado (par) ⑩
61889	6206	nucleus accumbens (par) ⑩	núcleo accumbens (par) ⑩
77385	6207	pars centralis (par) ⑩	porción central (par) ⑩
77386	6208	pars medialis (par) ⑩	porción medial (par) ⑩
61891	6199	tuberculum olfactorium (par) ⑩	tubérculo olfatorio (par) ⑩
		⑩	⑩

	6194	insulae olfactoiae (par) ; insulae terminales (par) 	islotes olfatorios (par) ; islotes terminales (par) 
	9852↓	neura striati (par) 	neuronas del cuerpo estriado (par) 
	9853	neura projectionis striati (par)  ; neura principalia striati (par) 	neuronas de proyección del cuerpo estriado (par)  ; neuronas principales del cuerpo estriado (par) 
	8791	neura spinosa magnitudinis mediae striati (par)	neuronas espinosas medias del cuerpo estriado (par) 
	8792	interneura striati (par) 	interneuronas del cuerpo estriado (par) 
	8794	interneura excitatoria striati (par) 	interneuronas excitadoras del cuerpo estriado (par) 
	8795	interneura cholinergica striati (par) 	interneuronas colinérgicas del cuerpo estriado (par)  ; neuronas nos espinosas del tipo II (par)
	8797↓	interneura inhibitoria striati (par) 	interneuronas inhibidoras del cuerpo estriado (par) 
	8799	interneura GABAergica striati (par) 	interneuronas GABAérgicas del cuerpo estriado (par)  ; neuronas nos espinosas del tipo I (par)
	9845	substantia grisea pallidi (par) 	sustancia gris del pálido (par) 
<u>77619</u>	6234	pallidum dorsale (par)  ; globus pallidialis (par) 	pálido dorsal (par)  ; globo pálido (par) 
	9145	pallidum ventrale (par) 	pálido ventral (par) 
	8800	neura globi pallidi (par) 	neuronas del globo pálido (par) 
	8801	neura projectionis globi pallidi (par)  ; neura principalia globi pallidi (par) 	neuronas de proyección del globo pálido (par)  ; neuronas principales del globo pálido (par) 
	8804	neura magna globi pallidi (par) 	neuronas magnas del globo pálido (par) 
	8805	substantia alba nucleorum basalia (par)	sustancia blanca del núcleo basal (par) 
	8806	tractus striatales (par) 	haces estriados (par) 
<u>61960</u>	6267↓	capsula extrema  	cápsula extrema  
<u>61959</u>	6266	capsula externa  	cápsula externa  
<u>77637</u>	9509↓	fasciculus subcallosus  	fascículo subcalloso  
<u>62070</u>	5874	ansa lenticularis  	asa lenticular  
<u>61976</u>	5875	fasciculus lenticularis  	fascículo lenticular  
<u>77525</u>	5888	fasciculus subthalamicus  	fascículo subtalámico  
<u>62065</u>	5890	fasciculus thalamicus  	fascículo talámico  
	8807	connexus striatales (par) 	conexiones estriados (par) 
	8808	connexus afferentes striatales (par) 	conexiones aferentes estriados (par) 
	9544	fibrae corticostriatales  	fibras corticoestriadas  
	8543	fibrae amygdalostriatales  	fibras amigdalostriadas  
	7918	fibrae thalamostriatales  	fibras talamoestriadas  
	8485	fibrae nigrostriatales  	fibras nigroestriadas  
	8809	connexus efferentes striatales (par) 	conexiones eferentes estriados (par) 
	8546	fibrae striatopallidales  	fibras estriatopalidales  
	8118	fibrae striatonigrales  	fibras estrionigrales  
	8810	connexus pallidales (par) 	conexiones pálidos (par) 
	8811	connexus pallidales afferentes (par) 	conexiones pálidos aferentes (par) 
	8546	fibrae striatopallidales  	fibras estriatopalidales  
	7922	fibrae subthalamopallidales  	fibras subtalámopálidas  
	8812	connexus pallidales efferentes (par)  ; fibrae pallidofugales (par)	conexiones pálidos eferentes (par) 
	8547	fibrae pallidosubthalamicae  	fibras pálidosubtalámicas  
	8548	fibrae pallidotalamicae  	fibras pálidotálicas  
	8549	fibrae pallidohabenulares  	fibras pálidohabénulares  

	8550	fibrae pallidonigrales	fibras pálidonigrales
	8551	fibrae pallidotegmentales	fibras pálidotegmentales
77700	6167↓	pars basalis telencephali proprii (par)	prosencéfalo basal (par)
61887	6183	substantia basalis (par)	sustancia basal (par)
61887	6184	nucleus basalis (par)	núcleo basal (par)
	9849	cellulae cholinergicae substantiae basalis (par)	células colinérgicas de la sustancia basal (par)
	6316	cellulae cholinergicae nuclei septalis medialis (par) ; cellulae cholinergicae Ch1 (par)	células colinérgicas del núcleo septal medial (par) ; células colinérgicas Ch1s (par)
	6317	cellulae cholinergicae cruris verticalis striae diagonalis (par) ; cellulae cholinergicae Ch2 (par)	células colinérgicas del brazo vertical de la banda diagonal (par) ; células colinérgicas Ch2s (par)
	6318	cellulae cholinergicae cruris horizontalis striae diagonalis (par) ; cellulae cholinergicae Ch3 (par)	células colinérgicas del brazo horizontal de la banda diagonal (par) ; células colinérgicas Ch3s (par)
	6319	cellulae cholinergicae nuclei basalis (par) ; cellulae cholinergicae Ch4 (par)	células colinérgicas del núcleo basal (par) ; células colinérgicas Ch4s (par)
61884	6185↓	nucleus striae terminalis	núcleo de la estría terminal
77609	6186	pars sublenticularis amygdalae	porción sublenticular de la amígdala
61973	6188	stria diagonalis (par)	banda diagonal (par)
77611	6189	crus horizontale striae diagonalis (par)	brazo horizontal de la banda diagonal (par)
77612	6190	crus verticale striae diagonalis (par)	brazo vertical de la banda diagonal (par)
61882	6191	nucleus striae diagonalis (par)	núcleo de la banda diagonal (par)
61885	6192	substantia innominata (par)	sustancia innominada (par)
	6209	nuclei septales (par)	núcleos septales (par)
61877	6210	nucleus septalis dorsalis (par)	núcleo septal dorsal (par)
61878	6211	nucleus septalis lateralis (par)	núcleo septal lateral (par)
61879	6212	nucleus septalis medialis (par)	núcleo septal medial (par)
77547	6101	nucleus septalis precommissuralis (par)	núcleo septal precomisural (par)
61881	6213	nucleus septofimbrialis (par)	núcleo septofimbrial (par)
61880	6214	nucleus septalis triangularis (par)	núcleo septal triangular (par)
	8623	nuclei areae preoptici (par)	núcleos de la área preóptica (par)
62326	5915	nucleus preopticus lateralis (par)	núcleo preóptico lateral (par)
67890	5916	nucleus preopticus medialis (par)	núcleo preóptico medial (par)
62323	5917	nucleus preopticus medianus (par)	núcleo preóptico mediano (par)
62324	5919	nucleus preopticus periventricularis (par)	núcleo preóptico periventricular (par)
	8624↓	nucleus preopticus ventrolateralis (par)	núcleo preóptico ventrolateral (par)
	5914	nuclei interstitiales (par)	núcleos intersticiales (par)
	8625	nucleus dimorphus sexualis (par)	núcleo dimórfico sexual (par)
	8626	cellulae dopaminergicae areae preoptici (par) ; cellulae dopaminergicae A15 (par)	células dopamínnergicas de la área preóptica (par) ; células dopamínnergicas A15s (par)

699 lines

SCIENTIFIC NOTES

UID Libelle of note

- 5971 Some new items have been added from ten Donkelaar HJ, Tzourio-Mazoyer N, Mai JK (2018) Toward a common terminology for the gyri and sulci of the human cerebral cortex. *Front Neuroanat* 12:93.
The Pallium has four components of which the Pallium dorsale gives rise to the Isocortex (Neocortex), the Pallium laterale to the Claustrum-insular complex, the Pallium mediale to the Formatio hippocampi, and the Pallium ventrale to the Olfactory cortex and the Pallial amygdala (see TE, Section Neuroembryology).
For the Polus frontalis (Frontal pole) and its subdivision, see Petrides M, Pandya DN (2012) The frontal lobe. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 988-1011; Bludau S, Eickhoff SB, Mohlberg H, et al. (2014) Cytoarchitecture, probability maps and functions of the human frontal pole. *Neuroimage* 93:260-275.
For subdivision of Broca's area, see Amunts K, Schleicher A, Bürgel U, et al. (1999) Broca's region revisited:

- 5996 Cytoarchitecture and intersubject variability. *J Comp Neurol* 412:319-341). The Sulcus diagonalis (of Eberstaller) is a variable branch of the Sulcus lateralis, dividing the Pars opercularis into two parts. The Sulcus radiatus (of Eberstaller) may indent the Pars triangularis from above.
- 6005 See note # 6006
- The Angular and supramarginal gyri form with the Parietal operculum the Lobulus parietalis inferior (Inferior parietal lobule or IPL). The Gyrus angularis (Angular gyrus; BA39) can be further subdivided (see Caspers S, Amunts K, Zilles K 2012 Posterior parietal cortex. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 1036-1035). The Operculum parietale (Parietal operculum) contains four cytoarchitectonic, functionally defined areas OP1-4 (see Eickhoff S, Schleicher A, Zilles K, Amunts K 2006a *The human parietal operculum. I. Cytoarchitectonic mapping of subdivisions*. *Cereb Cortex* 16:254-267; Eickhoff S, Amunts K, Mohlberg H, Zilles K 2006b *Stereotaxic maps and correlation with functional imaging results*. *Cereb Cortex* 16:268-279). The Gyrus supramarginalis (Supramarginal gyrus; BA40) can be further subdivided (see Caspers et al. 2012).
- 6006 See note # 6006
- In monkeys, the Intraparietal sulcus contains numerous intraparietal areas (AIP, LIP, MIP, PIP and VIP), area PEip and area V6A (Rizzolatti G, Luppino G, Matelli M 1998 *The organization of the cortical motor system: New concepts*.
- 6008 Electroencephalogr Clin Neurophysiol 106:283-296). In the human brain, at least AIP and VIP areas have been identified (Seitz RJ, Binkofski F 2003 *Modular organization of parietal lobe functions as revealed by functional activation studies*. *Adv Neurol* 93:281-292).
- The Lobulus parietalis superior (Superior parietal lobule or SPL) can be divided into a Preparietal area (BA5 with subdivisions) and a Superior parietal area (BA7 with subdivisions; see Scheperjans F, Eickhoff SB, Mohlberg H, et al. 2008 *Probabilistic maps, cytoarchitectonic morphometry, and variability of areas in human superior parietal cortex*. *Cereb Cortex* 18:2141-2157).
- 6011 See note # 6006
- The Gyrus temporalis superior (Superior temporal gyrus; BA22) is not a homogeneous cortical area; it contains various cytoarchitectonically and functionally distinct cortical areas. Its Pars anterior (Anterior part or Belt area) forms the Secondary auditory cortex (BA42 or A2; see Morosan P, Rademacher J, Schleicher A, et al. 2001 *Human primary auditory cortex: Cytoarchitecture, subdivisions and mapping into a spatial reference system*. *Neuroimage* 13:684-701; Zilles and Amunts 2012). Its Pars posterior (Posterior part or Wernicke's area) is a loosely defined region which comprises the Posterior part of BA22 but also parts of the Inferior parietal lobule.
- 6012 See note # 6019
- The Dorsal part of the Gyrus temporalis superior contains three Sulci temporales transversi (Transverse temporal sulci): the Planum polare (Polar plane) is separated from the Transverse temporal gyri of Heschl by the Sulcus temporalis transversus anterior (Anterior transverse temporal sulcus), the Gyri temporales transversi (Transverse temporal gyri) are subdivided by the Sulcus temporalis transversus intermedius (Intermediate transverse temporal sulcus), and the Planum temporale (Temporal plane) is separated from the Posterior transverse temporal gyrus by the Sulcus temporalis transversus posterior (Posterior transverse temporal sulcus or Heschl's sulcus; see Duvernoy 1992).
- 6019 See note # 6021
- For the Inferomedial aspect of the Temporal lobe, usually the terms Gyrus temporalis inferior (T3), Gyrus fusiformis (T4) and Gyrus parahippocampalis (T5) are used, separated by the Occipitotemporal and the Collateral sulci.
- 6021 See note # 9188
- The following Gyri orbitales can be distinguished: 1) the Gyrus orbitalis medialis, the gyrus between the olfactory sulcus and the medial orbital sulcus; 2) the Gyrus orbitalis anterior, the cortex rostral to the transverse orbital sulcus; 3) the Gyrus orbitalis posterior, the cortex caudal to the transverse orbital sulcus; and 4) the Gyrus orbitalis lateralis, the gyrus lateral to the lateral orbital sulcus. The caudal parts of the medial and posterior orbital gyri merge to form the Lobulus orbitalis posteromedialis as described by Türe U, Yasargil DCH, Al-Mefti O, Yasargil MC (1999 *Topographic anatomy of the insular region*. *J Neurosurg* 90:720-733) and Naidich TP, Kang E, Fatterpekar GM, et al. (2004 *The insula: Anatomic study and MR imaging display at 1.5T*. *AJNR Am J Neuroradiol* 25:222-232). Mai and Majtanik (2017 *Human Brain in Standard MNI Space*. Academic/Elsevier, San Diego) also described a Regio orbitalis posterolateralis. Lateral to the Sulcus olfactorius, there are two longitudinally directed sulci, the Sulcus orbitalis medialis and the Sulcus orbitalis lateralis, which are joined together by the Sulcus orbitalis transversus to form the impression of an H or a K pattern (Duvernoy 1992; Petrides and Pandya 2012). The cingulate sulcus continues around the rostrum of the corpus callosum, where it is also known as the Sulcus rostralis superior. This sulcus may continue as the Sulcus rostralis inferior, which separates the straight gyrus from the medial surface of the frontal lobe.
- 6024 See note # 6029
- 6029 The Gyrus cingularis (Cingulate gyrus) can at least be divided into an Anterior, a Posterior and a Retrosplenial part. Vogt BA, Palomero-Gallagher N (2012 *Cingulate cortex*. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 943-987) added a Midcingulate cortex.
- 6030 See note # 8762
- The Uncus is treated in various ways: 1) as the rostral part of the Parahippocampal gyrus; 2) as a structure on its own. TNA suggests the latter. Insanedi R and Amaral DG (2012 *Hippocampal formation*. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 896-942) advocated to restrict the term Uncus to the Gyrus uncinatus, the Band or limbus of Giacomini and the Gyrus intralimbicus (or Uncal apex). The Sulcus semianularis (Semi-anular sulcus) separates the Ambient and Semilunar sulci (see Duvernoy HM 1992, 1998 *The Human Hippocampus*, 2nd ed. Springer, Berlin-Heidelberg-New York). The Gyrus uncinatus is the most rostral part of Uncal bulge, according to Insanedi and Amaral (2012) and part of field CA1. The Limbus fasciae dentatae (Band of dentate gyrus) is the Middle part of the Uncus, first described by Giacomini CH (1884 *Fascia dentata du grand hippocampe dans le cerveau de l'homme*. *Arch Ital Biol* 5:1-16, 205-209, 396-417) and part of the Dentate gyrus. The Gyrus intralimbicus (Intralimbic gyrus or Uncal apex) is the most caudal part of the Uncal bulge and part of field CA3. The Archicortex includes the Hippocampus (Ammon's horn, Dentate gyrus and Subiculum), Presubiculum, Parasubiculum, Entorhinal cortex, Retrosplenial cortex and a cortical band in the Cingulate gyrus (Stephan 1975; Zilles K, Amunts K 2012 *Architecture of the cerebral cortex*. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 836-895).
- 6069 See note # 8762
- The Paleocortex includes the Olfactory bulb, Retrobulbar region ('Anterior olfactory nucleus'), Olfactory tubercle, Septal and Piriform (BA51) regions and a minor part of the Amygdala (Stephan 1975; Zilles and Amunts 2012).

- 6128 The Allocortex includes the Paleocortex and the Archicortex (Filimonoff IN 1947 A rational subdivision of the cerebral cortex. *Arch Neurol Psychiatry* 58:296-311; Stephan H 1975 Allocortex. In: Bargmann W (ed) Handbuch der mikroskopischen Anatomie des Menschen, Vol 4: Nervensystem, Band 9. Springer).
- 6129 The Mesocortex (Rose M 1927 Der Allocortex bei Tier und Mensch. I. Teil. *J Psychol Neurol (Lpz)* 34:1-11) comprises the Proisocortex, a transition area between the Isocortex and the Allocortex, and the Periallocortex, the adjoining part of the Allocortex (Filimonoff 1947); also known as Paralimbic cortex (Mesulam 1985). The Periallocortex can further be subdivided into the Peripaleocortex (Claustrum) and the Periarachicortex (Entorhinal, Presubiculum and Retrosplenial cortices and part of the Cingulate gyrus; Filimonoff 1947; Zilles and Amunts 2012).
- 6167 Under this Heading the structures presented in TA as Substantia basalis, Substantia innominata and Area septalis are grouped. Reichert's 'Substantia innominata' was for a long time a 'terra incognita' of the Basal forebrain. The extensive studies by Heimer and colleagues (Heimer L, Harlan RE, Alheid GF, et al. 1997 Substantia innominata: A notion which impedes clinico-anatomical correlations in neuropsychiatric disorders. *Neuroscience* 76:957-1006; Heimer et al. 1999; Sakamoto et al. 1999) make the term SI more or less superfluous.
- 6168 The Nuclei of the Corpus amygdaloideum (Amygdaloid body) are replaced into groups following de Olmos JS (2004 Amygdala. In Paxinos G, Mai JK, eds: *The Human Nervous System*, 2nd ed. Elsevier, Amsterdam, pp 739-868) and Mai JK, Paxinos G, Voss T (2008 *Atlas of the Human Brain*, 3rd ed. Elsevier, Amsterdam).
- 6182 See note # 8686
- 6185 The Nucleus striae terminalis (Bed nucleus of the stria terminalis) can be subdivided into various subnuclei, the best known are the Lateral and Medial divisions (see Heimer L, de Olmos J, Alheid GF, et al. 1999 *The human basal forebrain, Part 1. Handb Chem Neuroanatomy* 15:57-226; Sakamoto N, Pearson J, Shinoda K, Alheid GF 1999 *The human basal forebrain, Part 1. Handb Chem Neuroanat* 15:1-55).
- 6187 Traditionally, the Claustrum is divided into a Dorsal (Insular) claustrum, connected with the Isocortex, and a Ventral (Piriform) claustrum or Endopiriform nucleus, connected with the Allocortex (see Druga R 2014 *The structure and connections of the claustrum*. In: Smythies JR, Edelstein LR, Ramachandran VS, eds: *The Claustrum*, Academic Press, San Diego, CA, pp 29-84).
- 6230 The Subpallium develops from four Developmental domains (see Puelles L, Harrison M, Paxinos G, Watson C 2013 A developmental ontology for the mammalian brain based on the prosomeric model. *Trends Neurosci* 36:570-578). Traditionally, the Preoptic area is discussed together with the Hypothalamus. The Amygdala arises from all four Subpallial domains as well as from the Pallium ventrale.
- 6254 The Pars retroentiformis of the Internal capsule should be treated as a separate component, not as part of the Posterior limb; Crus retroentiforme suggested as synonym. The Pars subtentiformis also forms a separate component of the Internal capsule; Crus subtentiforme suggested as synonym.
- 6259 See note # 6254
- 6267 The Capsula extrema (Extreme capsule) forms one of the Long association systems involved in language processing (see Catani M, Thiebaut de Schotten M 2012 *Atlas of Human Brain Connections*. Oxford University Press, Oxford). Although in the Fasciculus arcuatus (Arcuate fasciculus) three segments (anterior, long and posterior) were distinguished (Cayani M, Jones DK, ffytche DH 2005 *Perisylvian language pathways*. *Ann Neurol* 57:8-16), more recent research showed that the anterior segment belongs to the superior longitudinal fasciculus and the posterior segment is in reality separate and was renamed Fasciculus temporoparietalis verticalis (temporoparietal vertical or aslant tract), leaving the long segment as the true arcuate fasciculus (Fernandez-Miranda JC, Wang Y, Pathak S, et al. 2015 *Asymmetry, connectivity, and segmentation of the arcuate fascicle in the human brain*. *Brain Struct Funct* 220:3665-3680)
- 6272 The Fasciculus longitudinalis superior (Superior longitudinal fasciculus) appears to be composed of three bundles (SLFI-III or Superior, Middle and Inferior; Makris N, Kennedy DN, McInerney S, et al. 2005 Segmentation of subcomponents within the superior longitudinal fascicle in humans: A quantitative, *in vivo*, DT-MRI study. *Cereb Cortex* 15:854-869) as in monkeys (Schmahmann JD, Pandya DN 2006 *Fiber Pathways of the Brain*. Oxford University Press, New York; Thiebaut de Schotten M, Dell'Acqua F, Valabreque R, Catani M 2012 *Monkey to human comparative anatomy of the frontal lobe association tracts*. *Cortex* 48:82-96).
- 6273 Here, the new nomenclature for the long association fibres of the cerebrum is advocated as proposed by Mandonnet E, Sarubbo S, Petit L (2018 *The nomenclature of human white matter association pathways: Proposal for a systematic taxonomic anatomical classification*. *Front Neuroanat* 12:94).
- 6274 The Fibrae U-figuratae (U-shaped fibres) were first described by Meynert (1872), and replaced the term Fibrae arcuatae cerebri (Arnold 1838) that became obsolete.
- 6278 Recently, the Fasciculus temporoparietalis verticalis (Temporoparietal aslant tract) was demonstrated, replacing the vertical segment of the arcuate fasciculus (Panesar SS, Belo JT, Yeh F-C, Fernandez-Miranda JC 2019 Structure, asymmetry, and connectivity of the human temporo-parietal aslant and vertical occipital fasciculi. *Brain Struct Funct* 224:907-923; see also 6273).
- 6286 (Commissura hippocampi): The old term Psalterium has been added; much in use by clinicians; for a study on the cells of origin of commissural connections of the monkey hippocampal formation, see Amaral DG, Insausti R, Cowan WM (1984) *The commissural connections of the monkey hippocampal formation*. *J Comp Neurol* 224:307-336.
- 8539 The Via endofolialis (Endfolial pathway) is composed of Hilar Schaffer collaterals from CA3h (see Lim C, Mufson EJ, Kordower JH, et al. 1997 *Connections of the hippocampal formation in humans. II. The endfolial pathway*. *J Comp Neurol* 385:352-371).
- 8624 The Nucleus preopticus ventrolateralis is a recently discovered Preoptic nucleus, a sleep-promoting nucleus (Saper CB, Chou TC, Scammell TE 2001 *The sleep switch: Hypothalamic control of sleep and wakefulness*. *Trends Neurosci* 24:726-731).
- 8659 The Sulcus frontomarginalis (Frontomarginal sulcus of Wernicke) is an important landmark in the frontal polar region (Duvernoy HM 1992 *Le cerveau humain*. Springer, Paris; Tamraz JC, Comair YG 2006 *Atlas of Regional Anatomy of the Brain Using MRI*. Springer, Berlin-Heidelberg-New York), and used as such in the DTI literature (Catani M, Thiebaut de Schotten M 2012 *Atlas of Human Brain Connections*. Oxford University Press, Oxford).
- 8663 The various Motor areas of the Frontal lobe are known as F1-F7 in monkey brains (see Geyer G, Luppino L, Rozzi G 2012 *Motor cortex*. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 1012-1035): F1 is the Primary motor cortex, F2 the Caudal part of the Cortex premotorius dorsalis, F3, the the Caudal part

of the Cortex premotorius medialis (SMA proper), F4 the Caudal part of the Cortex premotorius ventralis, F5 the Rostral part of the Cortex premotorius ventralis, F6 the Rostral part of the Cortex premotorius medialis (Pre-SMA), and F7 the Rostral part of the Cortex premotorius dorsalis.

- 8664 See note # 8663
- 8665 See note # 8663
Usually, the Sulcus centralis does not reach the Sulcus lateralis and is separated from it by a short gyrus, the Gyrus subcentralis, which is formed by the 'fusion' of the Precentral and Postcentral gyri in their ventralmost parts. The Subcentral gyrus is delimited in front and behind by the Anterior and Posterior subcentral sulci (Dejerine 1895; Duvernoy 1992; Petrides and Pandya 2012). Also known as: Central or Rolandic operculum, and Inferior frontoparietal 'pli de passage'.
- 8666 See note # 8663
- 8667 See note # 8666
- 8668 See note # 8666
- 8671 See note # 8663
- 8672 See note # 8663
- 8675 See note # 6052
- 8676 See note # 6052
- 8677 See note # 6052
- 8678 See note # 6052
- 8679 See note # 6053
- 8680 See note # 6053
- 8681 See note # 6053
The term Nucleus olfactorius anterior of TA is mostly cortical and is replaced by the more appropriate term Regio retrobulbaris (see Zilles and Amunts 2012). The two- or three-layered structure recognizable in lower primates is hardly visible in the human brain.
- 8706 See note # 6019
- 8708 See note # 6019
The Cortex ectorhinalis (BA36) is often included as part of the Perirhinal cortex (Ding S-L, Van Hoesen GW 2010 Borders, extent, and topography of human perirhinal cortex as revealed using multiple modern neuroanatomical and pathological markers. Hum Brain Mapp 31:1359-1379) but lies on the other side of the Collateral sulcus.
- 8714 The Cortex perirhinalis (Perirhinal cortex) is also not included in TA; for description, see Augustinack JC, Huber KE, Stevens AA, et al. (2013 Predicting the location of human perirhinal cortex, Brodmann's area 35, from MRI. Neuroimage 64:32-42).
- 8724 Field CA4 appears to correspond most closely to the polymorph zone of the Dentate gyrus, and, therefore, is not a field of the Hippocampus at all. Amaral and Insausti (Amaral DG, Insausti R 1990 Hippocampal formation. In: Paxinos G, ed: The Human Nervous System. Academic Press, San Diego, CA, pp 711-755) suggested the term 'CA3h' for the pyramidal cells within the hilus ('h'), continuous with CA3.
- 8734 See note # 6071
- 8735 See note # 6071
- 8736 See note # 6071
- 8737 See note # 6071
- 8738 See note # 6071
In the French literature, for the Inner ring of the Limbic lobe the term Gyrus intralimbicus is used. In the German literature, however, this term is used for the Uncal apex.
- 8739 The Cortex entorhinalis (Entorhinal cortex) is not included in TA; for description, see Braak H, Braak E (1992 The human entorhinal cortex: Normal morphology and lamina-specific pathology in various diseases. Neurosci Res 15:6-31. The Substantia reticularis alba (White reticular substance of Arnold) is the white matter surrounding the darker patches of Layer 2 cell islands. The Verrucae hippocampi (Hippocampal warts) are located above these cell islands and described by Retzius G (1896 Das Menschenhirn: Studien in der makroskopischen Morphologie. Norstedt, Stockholm) and Klingler J (1948 Die makroskopische Anatomie der Ammonsformation. Denkschr Schweiz Naturforsch Ges, Vol 78, Fretz, Zürich). They mark the surface of the Entorhinal cortex.
- 8742 See note # 8740
The Sulcus intrarhinalis (Intrarhinal sulcus) is found between the Ambient gyrus and the Entorhinal cortex (see Duvernoy 1992; Insausti and Amaral 2012).
- 8757 See note # 8762
The Dentes subiculi (Gyri of Andreas Retzius) were described by Retzius (1896) for the Caudal part of CA1 at the Hippocampal tail; the term Gyri subspleniales (Subsplenial gyri) indicate their position. Deep to the Gyri andreae retzii, two obliquely oriented small gyri are found (Duvernoy 1998; Insausti and Amaral 2012): 1) a medial gyrus: the Fasciola cinerea, which forms the visible part of the Dentate gyrus as described by Giacomini (1884) and Klingler (1948); and 2) a lateral gyrus: Gyrus fasciolaris (Fasciolar gyrus), corresponding to the caudal end of the CA3 field.
- 8768 The Cortex perirhinalis (Perirhinal cortex; BA35) and the Transentorhinal subregion of Braak and Braak (1992) are somewhat synonymous terms (Augustinack JC, Huber KE, Stevens AA, et al. 2013 Predicting the location of human perirhinal cortex, Brodmann's area 35, from MRI. Neuroimage 64:32-42). In other studies (Ding S-L, Van Hoesen GW 2010 Borders, extent, and topography of human perirhinal cortex as revealed using multiple modern neuroanatomical and pathological markers. Hum Brain Mapp 31:1359-1379), BA 36 is included within the Perirhinal cortex. This is unfortunate since BA35 is periarchicortex but BA36 (Ectorhinal cortex) is truly isocortex. The Layers of BA35 are comparable to those of the adjacent Entorhinal cortex.
- 8780 See note # 5996
The Sulcus intermedius primus (First intermediate sulcus of Jensen) may subdivide the Lobulus parietalis inferior into the Gyrus supramarginalis and the Gyrus angularis (Duvernoy 1992; Tamraz and Comair 2006). The Sulcus

intermedius secundus (Second intermediate sulcus of Eberstaller) is found posterior to Jensen's sulcus.

8782 See note # 8781

8793 See note # 5972

The large cholinergic neurons of the Striatum were originally described as Giant interneurons by Kölliker. Three types of GABAergic striatal interneurons can be distinguished, based on size and the colocalization of Parvalbumin, Somatostatin/NPY and Calretinin (Bolam 2010; Haber et al. 2012).

8798 See note # 5972

Mainly GABAergic interneurons (see Markram H, Toledo-Rodriguez M, Wang Y, et al. 2004 Interneurons of the neocortical inhibitory system. *Nat Rev Neurosci* 5:793-807; Ascoli GA et al. 2008 Petilla terminology: Nomenclature of features of GABAergic interneurons of the cerebral cortex. *Nat Rev Neurosci* 9:557-568; DeFelipe J et al. 2013 New insights into the classification and nomenclature of cortical GABAergic interneurons. *Nat Rev Neurosci* 14:202-216); the current subdivision is based on preferred postsynaptic region.

8826 See note # 5972

8827 See note # 5972

Functional subdivision of the Isocortex as described by Mesulam M-M (1985 Patterns in behavioral neuroanatomy. In: Mesulam M-M, ed: Principles of Behavioral Neurology. Davis, Philadelphia, PN, pp 1-70). The Granular isocortex ranges from Hypergranular through Granular to Dysgranular.

9122 The Lobulus parietalis superior may be divided into an anterior and a posterior portion by the Sulcus parietalis transversus (Transverse parietal sulcus of Brissaud), originating on the medial side and extending to the lateral side of the hemisphere (see Tamraz and Comair 2006).

9135 Here, the Isocortical neurons are added, in part following and modifying TH terms. They are subdivided into Pyramidal neurons (Projection, Commissural and Association neurons) and Excitatory and Inhibitory interneurons. In general, Small pyramidal neurons are found in Layer II and give rise to ipsilateral Corticocortical projections. Medium-sized pyramidal neurons are found in Layer III and give rise to Commissural projections. The Large pyramidal neurons in Layer V give rise to the Corticofugal projections (Mountcastle VB 1998 *The Cerebral Cortex*. Harvard University Press, Cambridge, MA).

9180 The Pallium laterale gives rise to the Claustrum-insular complex (see Puelles L 2014 Development and evolution of the claustrum. In: Smythies JR, Edelstein LR, Ramachandran VS, eds: *The Claustrum*, Academic Press, San Diego, CA, pp 119-176).

9188 The Insula is composed of three Belt regions (see Mesulam M-M and Mufson EJ (1985 *The insula of Reil in man and monkey. Architectonics, connectivity and function*. In: Peters A, Jones EG, eds, *Cerebral Cortex*, Vol 4, Plenum Press, New York, pp 179-226): 1) The Cortex insularis agranularis (Agranular insular cortex, where Layers II and IV are lacking) in the Anterior insula is characterized by a Superficial pyramidal layer and an Inner cell layer, continuous with the Pyramidal layer of the Piriform cortex. Here, the recently rediscovered von Economo neurons (VENs) are found (see Allman JM, Tetreault NA, Hakeem AY, et al. 2011 *The von Economo neurons in fronto-insular and anterior cingulate cortex. Ann NY Acad Sci* 1225:59-71). 2) The Cortex insularis dysgranularis (Dysgranular insular cortex), a Proisocortical region characterized by the presence of an inconspicuous Inner granular layer IV. Layers V and VI are also not as clearly separated from each other as in true isocortex. 3) The Cortex insularis granularis (Granular insular cortex), a posterior granular region with clearly visible Inner (layer IV) and Outer (layer II) granular layers (True isocortex; see also Zilles and Amunts 2012).

9223 See note # 9188

9227 See note # 9188

9305 The classic Golgi studies by Cajal (Ramón y Cajal S 1909-1911 *Histologie du système nerveux de l'homme et des vertébrés*. Maloine, Paris) and Lorente de Nò R (1934 Studies on the structure of the cerebral cortex. II. Continuation of the study of the ammonic system. *J Psychol Neurol (Lpz)* 46:113-177) showed the presence of some 20 different types of interneurons in the Hippocampus. Most of them have been immunohistochemically defined (see Freund TF, Buzsaki G 1996 *Interneurons of the hippocampus. Hippocampus* 6:347-470; Somogyi P 2010 *Hippocampus: Intrinsic organization*. In: Shepherd GM, Grillner S, eds: *Handbook of Brain Microcircuitry*. Oxford University Press, New York, pp 148-164). Some 28 types of GABAergic interneurons can be distinguished (Somogyi 2010), basically: Basket neurons, Bistratified neurons, and Chandelier neurons.

9368 There are many types of Short-axon cells described by among others Blanes, Cajal (Vertical cell), Golgi and Van Gehuchten (Mori K 1987) Membrane and synaptic properties of identified neurons in the olfactory bulb. *Prog Neurobiol* 29:275-430; Shepherd GM, Chen WR, Greer CA 2004 Olfactory bulb. In: Shepherd GM, ed: *The Synaptic Organization of the Brain*, 5th ed. Oxford University Press, New York, pp 165-216). As in TH, these cells are not included.

9417 In the Cortex entorhinalis (Entorhinal cortex), Insausti et al. (Insausti R, Tuñón T, Sobreviela T, et al. 1995 *The human entorhinal cortex: A cytoarchitectonic analysis*. *J Comp Neurol* 355:171-198) distinguished 8 subfields (EO, ER, ELR, EMI, EI, ELC, EC and ECL). For the layers of the Entorhinal cortex, the subdivision by Insausti and Amaral (2012) into six Laminae is advocated. To avoid confusion with isocortical layers, here, arabic numerals are used as in the literature. TH Latin and English terms (H4.8.03.104/114) are added. For Layers 2 and 3, the general term External principal layer is advocated, for Layer 5 Internal principal layer, following Braak H, Braak E (1992 *The human entorhinal cortex: Normal morphology and lamina-specific pathology in various diseases*. *Neurosci Res* 15:6-31). Layer 2 is made up of islands of relatively large and darkly stained modified pyramidal and stellate cells (Braak and Braak 1992: Pre-a). Layer 3 corresponds to layers Pre-β and Pre-? of Braak and Braak (1992). The layers Pre-a, Pre-β and Pre-? form their External principal layer. Layer 5 corresponds to the Internal principal layer with sublayers Pri-a, Pri-β and Pri-? of Braak and Braak (1992).

9433 The complex Cortex retrosplenialis (Retrosplenial cortex) consists of Periarchicortical (BA26) and Proisocortical (BA29, 30) areas (Braak H 1980 *Architectonics of the Human Telencephalic Cortex*. Springer, Berlin-Heidelberg-New York; Zilles and Amunts 2012). The TH nomenclature (H4.8.03.122/129) seems to combine these different structures. The Cortex ectosplenialis (Ectosplenial cortex; BA26) has a primitive three-laminar pattern with Molecular, Densocellular and Multiform layers. The Cortex retrosplenialis granularis (Granular retrosplenial cortex; BA29) shows a four-layered structure: Molecular, External and Internal pyramidal and Multiform layers. The Cortex retrosplenialis dysgranularis (Dysgranular retrosplenial cortex; BA 30) shows a further progression of laminar differentiation with an additional (Internal) granular layer.

For further subdivision of the Cortex cingulare (Cingulate cortex) with Layers, see Vogt BA, Palomero-Gallager N

- 9454 (2012) Cingulate cortex. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 934-987.
This term, introduced in 1684 by Vieussens as 'Centrum ovale' to indicate the oval shape of the Cerebral white matter, continuous with the Internal capsule, was later changed into Centrum semiovale by Flatau E (1894 Atlas des menschlichen Gehirns und des Faserverlaufes. Karger, Berlin) and others. In the clinical literature, this term is common usage. It was included by His and colleagues in the BNA.
- 9459 The Pedunculus temporalis (Temporal peduncle) forms the connection between the temporal and frontal lobes and contains: (1) the Fasciculus occipitofrontalis inferior (Inferior occipitofrontal fasciculus); and (2) the Fasciculus uncinatus cerebri (Uncinate fasciculus).
- 9508 The Fasciculus subcallosus (Subcallosal fasciculus or Bundle of Muratoff; Muratoff W 1893 Secundäre Degenerationen nach Durchschneidung des Balkens. Neurol Centralbl 12:714-729) forms a separate bundle of Corticostriatal fibres (see Schmahmann JD, Pandya DN 2007 The complex history of the fronto-occipital fasciculus. J Hist Med 16:362-377).
- 9509 The Fasciculus frontalis obliquus (Frontal aslant tract or Frontal oblique tract) connects the SMA and pre-SMA with the opercular part of the Inferior frontal gyrus (Catani M, Dell'Acqua F, Vergani F, et al. 2012 Short frontal lobe connections of the human brain. Cortex 48:273-291).
- 9510 De Olmos (de Olmos J 1990 Amygdala. In: Paxinos G, ed: The Human Nervous System. Academic Press, San Diego, CA, pp 583-710) introduced the term 'Olfactory amygdala' for the 'Superficial cortex-like amygdaloid region' (Yilmazer-Hanke DM 2012 Amygdala. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 759-834).
- 9510 The Striatum and Putamen consist of AChE-poor Striosomes within an AChE-rich matrix (Graybiel AM, Ragsdale CW Jr 1978 Histochemically distinct compartments in the striatum of human, monkey and cat demonstrated by acetylthiocholinesterase staining. Proc Natl Acad Sci USA 75:5723-5726; Graybiel AM 1990 Neurotransmitters and modulators in the basal ganglia. Trends Neurosci 13:244-254).
- 9840 The term Fundus striati points to the ventral parts of the Caudate nucleus and Putamen, that with the Nucleus accumbens and the Olfactory tubercle form the Ventral Striatum.
- 9844 For Golgi studies see Braak H, Braak E (1982 Neuronal types in the striatum of man. Cell Tissue Res 227:319-342), and Graveland GA, Williams RS, DiFiglia M (1985 A Golgi study of the human neostriatum: Neurons and afferent fibers. J Comp Neurol 234:317-333); for immunohistochemical and physiological data see Bolam JP (2010 Microcircuits of the striatum. In: Shepherd GM, Grillner S, eds: Handbook of Brain Microcircuits. Oxford University Press, New York, pp 109-119) and Haber SN, Adler A, Bergman H (2012 The basal ganglia. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 678-838).
- 9844 In the Regio periamygdaloidea (Periamygdaloid region) according to Brockhaus H (1940 Zur normalen und pathologischen Anatomie des Mandelkerngebietes. J Psychol Neurol (Lpz) 49:1-136) and Stephan (1975) only two layers can be distinguished.
- 12155 Frequently, a series of furrows delineates the Sulcus paracinguli (Paracingulate sulcus), which separates the medial division of the superior frontal gyrus from the Gyrus paracinguli (Paracingulate gyrus).
- 12158 See note # 12158
- 12160 See note # 6052
- 12161 See note # 6052
- 12162 See note # 6053
- 12163 See note # 6053
- 12168 TH subdivision into six layers (H4.8.03.115/121) suggested a well-divided structure. Insausti and Amaral (2012) emphasized that the laminar organization of the Presubiculum is complex and only poorly understood. They described a single, superficially located cellular layer made up of External and Internal principal layers. Their subdivision is followed here.