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## The study of behavioral dysfunctions

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*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2000

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Staay, F. J. V. D. (2000). The study of behavioral dysfunctions: an evaluation of selected animal models. Groningen: s.n.

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# Abbreviations used

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AAMI	age-associated memory impairment	nbM	nucleus basalis of Meynert
ACA	anterior cerebral artery	MCA	middle cerebral artery
ACE	angiotensin-converting enzyme	MCA-O	middle cerebral artery occlusion
acetyl-CoA	acetyl-coenzyme A	MRI	magnetic resonance imaging
ACh	acetylcholine	msa	medial septal area
AChE	acetylcholine esterase	NFT	neurofibrillary tangles
AIDS	acquired immune deficiency syndrome	n.s.	not significant
ANOVA	analysis of variance	p	probability
AP	anterior-posterior (stereotaxic coordinate)	PADL	personal activities of daily living
APO	apolipoprotein	PET	positron emission tomography
APP	amyloid precursor protein	PKA	protein kinase A
CBF	cerebral blood flow	PKC	protein kinase C
CCA	common carotid artery	PS-1	presenilin 1
CRTT	choice reaction time task	PS-2	presenilin 2
CFW1	(mouse strain)	PVC	polyvinyl chloride
CNS	central nervous system	RM	reference memory
CS	conditioned stimulus	SAM-P	senescent-accelerated prone (mouse strain)
CT	computer tomography	SAM-R	senescent-accelerated resistant (mouse strain)
C57BL	Blacky (mouse strain)	s.c.	subcutaneous
dbB	diagonal band of Broca	SD	Sprague Dawley (rat strain)
BN	Brown Norway (rat strain)	SDAT	senile dementia of the Alzheimer type
DMTP	delayed matching to position	SDH	subdural hematoma
DNMTP	delayed non-matching to position	SEM	standard error of the mean
DV	dorsoventral (stereotaxic coordinate)	SHR	spontaneous hypertensive (rat strain)
F	Fisher's F-ratio	SHR-SP	spontaneous hypertensive stroke prone (rat strain)
FBNF1	Fischer 344*Brown Norway (hybrid rat)	SP	senile plaques
FI	fixed interval	SPF	specific pathogen free
F344	Fischer 344 (rat strain)	SRTT	simple reaction time task
i.m.	intra-muscular	t	Student's t statistic
i.p.	intra-peritoneal	t-PA	tissue plasminogen activator
ITI	inter-trial interval	UCS	unconditioned stimulus
L	lateral (stereotaxic coordinate)	WAG	Wistar (rat strain)
LE	Long Evans (rat strain)	WISRJ	Janvier Wistar (rat strain)
LED	light emitting diode	WISW	Winkelmann Wistar (rat strain)
LEW	Lewis (rat strain)	WM	working memory
LTP	long-term potentiation		
nbm	nucleus basalis magnocellularis (animal analogue of the nbM)		

