References	Substance	Route	Strain	Test(s) used	Results
Siler TM, 1973	Somatostatin	i.v.	Monkey	LA	↓
Vécsei et al, 1983a	Somatostatin	i.c.v.	Rat	AA	↑
				LA	↑
Vécsei et al, 1983b	Somatostatin	i.c.v.	Rat	Electroshock induced amnaesia	↑
Vécsei et al, 1984	Somatostatin	i.c.v.	Rat	AA	↑
				T maze	n/a
	Cysteamine	s.c.	Rat	AA	↓
				T maze	↓
Bakhit C, Swerdlow N., 1986	Cysteamine	i.c.v.	Rat	LA	↑
				PA	↓
Haroutunian V et al., 1987	Cysteamine	s.c.	Rat	LA	↑
				PA	↓
Schettini G et al, 1988	Cysteamine	s.c.	Rat	AA	↓
				PA	↓
	Somatostatin	i.c.v.	Rat	AA	↑
				PA	↑
	SMS 201-995	i.c.v.	Rat	AA	↑
				PA	↑
Vécsei L, Widerlöv E., 1988	Somatostatin	i.c.v.	Rat	PA	↑
				AA	↑
				Rearing	↓
DeNoble VJ et al, 1989	Cysteamine	s.c.	Rat	PA	↓
				Discrimination task	n/a
Vécsei et al., 1989a	Cysteamine / s.c.	s.c.	Rat	LA Somatostatin-induced barrel rotation	↓ ↓
	Panthetine / s.c.	s.c.	Rat	LA Somatostatin-induced barrel rotation	↓ ↓
Vécsei et al., 1989b	Somatostatin-14	i.c.v.	Rat	PA	↑
				LA	↓
				Barrel rotation	↑
	Somatostatin 3-8	i.c.v.		PA	n/a
				LA	n/a
				Barrel rotation	n/a
	Somatostatin 9-14	i.c.v.		PA	n/a
				LA	n/a
				Barrel rotation	n/a
	Somatostatin 7-10			PA	n/a
				LA	n/a

				Barrel rotation	n/a
Fitzgerald LW, Dokla CP., 1989	Cysteamine	s.c.	Rat	Water Maze	↓
				PA	n/a
Romanova G et al, 1990	Somatostatin	i.c.v.	Rat (decorticated)	PA	↑
Vécsei et al., 1990	Cysteamine	i.c.v.	Rat	PA	↓
				Open field	↓
	Panthetine	i.c.v.		PA	↓
				Open field	↓
Matsuoka N et al., 1994	Cysteamine / s.c.	s.c.	Rat	PA	↓
	Somatostatin	i.c.v.		PA	↑
	FR121196	i.m.		PA	↑
Kungel M et al., 1996	Cysteamine	s.c.	Rat	ASR	↓
Fendt M et al., 1996	Sandostatin	i.c.	Rat	ASR	n/a
				Fear potentiation	↓
Yamazaki M et al., 1996	Scopolamine	i.p.	Rat	PA	↓
				Water Maze	↓
	Cysteamine	s.c.		PA	↓
				Water Maze	n/a
	FK960	i.p.		PA	↑
				Water Maze	↑
Matsuoka N et al., 1997	FK960	i.m.	Rhesus monkey	Visual recognition	↑
Feifel D, Minor K., 1997	Cysteamine (+ amphetamine)	s.c.	Rat	PPI	↓
Guillou JL et al., 1998	Cysteamine	i.c.v.	Mouse	Spatial discrimination	↓
				Bar pressing	↑
Guillou JL et a., 1999	Cysteamine	i.c.	Mouse	Bar pressing	↑
Sánchez-Alavez M et al., 2000	Cortistatin	i.c.	Rat	STM	n/a
				LTM	↓
	Somatostatin	i.c.		STM	n/a
				LTM	↓
Tokita K et al., 2002	FK960	i.p.	Rat	PA	↑
Tokita K et al., 2005	FK962	i.p.	Rat	PA	↑
				Water Maze	↑
Gastambide F et al., 2009	Somatostatin-14	i.c.	Mice	Water Maze (cue learning	n/a
				Water Maze (spatial learning	↓
				Bar Pressing	n/a
	L-797,591	i.c.		Cue learning	n/a
				Spatial learning	n/a
				Bar pressing	n/a

	L-779,976	i.c.		Cue learning	n/a
				Spatial learning	n/a
				Bar pressing	n/a
	L-796,778	i.c.		Cue learning	n/a
				Spatial learning	n/a
				Bar pressing	n/a
	L-803,087	i.c.		Cue learning	↑
				Spatial learning	↓
				Bar pressing	↑
Semenova S et at, 2010	Somatostatin	i.c.v.	Rat	LA	↓
				PPI	↓
				Intracranial self-stimulation	↓
Einstein EB et al., 2010	ACQ090	i.p.	mice	NOR	↓
Sandoval KE et al., 2011	NNC 26-9100	i.p.	SAMP8 mice	T-maze paradigm	↑

Signs and abbreviations:
sst1: somatostatin receptor 1; sst2: somatostatin receptor 2; sst3: somatostatin receptor 3; sst4: somatostatin receptor 4.
ACQ090: sst3 antagonist; cysteamine: somatostatin-depleting substance; FK960 and FK962: somatostatin releasing agents; L-797,591: sst1 agonist; L-779,976: sst2 agonist; L-796,778: sst3 agonist; L-803,087: sst4 agonist; NNC 26-9100: sst4 agonist; pantethine: somatostatin-depleting substance; Sandostatin: somatostatin agonist;
SMS 201-995: ssst2-3-5 agonist;
i.c.: intracerebral; i.c.v.: intracerebroventricular; i.p.: intraperitoneal, i.v.: intravenous; s.c.: subcutaneous, i.m.: intramuscular.
SAMP8: senescence-accelerated prone mouse 8 (model for Alzheimer's disease);
AA: active avoidance; ASR: acoustic startle response; LA: locomotor activity; LTM: long-term memory; NOR: novel object recognition; PA: passive avoidance, PPI: pre-pulse inhibition, STM: short-term memory;
↓ - impaired performance; ↑ - improved performance; n/a – no effect.