

GDNF family receptors in the embryonic and postnatal rat heart and reduced cholinergic innervation in mice hearts lacking Ret or GFRa2

Hiltunen, J.O.; Laurikainen, A.; Airaksinen, Matti S.; **Saarma, Mart** Developmental dynamics 2000 / p. 28-39
<https://pubmed.ncbi.nlm.nih.gov/10974669/>

Glial cell line-derived neurotrophic factor is expressed in penis of adult rat and retrogradely transported in penile parasympathetic and sensory nerves

Laurikainen, A.; Hiltunen, J.O.; Vanhatalo, S.; Klinge, E.; **Saarma, Mart** Cell and tissue research 2000 / p. 321-329
<https://pubmed.ncbi.nlm.nih.gov/11151444/>

Nerve growth factor and brain-derived neurotrophic factor mRNAs are regulated in distinct cell populations of rat heart after ischaemia and reperfusion

Hiltunen, J.O.; Laurikainen, A.; Väkeva, A.; Meri, S.; **Saarma, Mart** Journal of pathology 2001 / p. 247-253
<https://pubmed.ncbi.nlm.nih.gov/11400155/>

Neurotrophin-3 is a target-derived neurotrophic factor for penile erection-inducing neurons

Hiltunen, J.O.; Laurikainen, A.; Klinge, E.; **Saarma, Mart** Neuroscience 2005 / 1, p. 51-58
<https://www.sciencedirect.com/science/article/pii/S0306452205000965>

Neurturin is a neurotrophic factor for penile parasympathetic neurons in adult rat

Laurikainen, A.; Hiltunen, J.O.; Thomas-Crusells, J.; Vanhatalo, S.; Arumäe, Urmas; Airaksinen, Matti S.; Klinge, E.; **Saarma, Mart** Journal of neurobiology 2000 / p. 198-205
<https://pubmed.ncbi.nlm.nih.gov/10770848/>

Retarded growth and deficits in the enteric and parasympathetic nervous system in mice lacking GFRa2, a functional neurturin receptor

Rossi, J.; Luukko, K.; Poteriaev, D.; Laurikainen, A.; Sun, Yun-Fu; Laakso, T.; Eerikäinen, S.; Tuominen, R.; Lakso, M.; Rauvala, H.; Arumäe, Urmas; Pasternack, M.; **Saarma, Mart** Neuron 1999 / p. 243-252
<https://pubmed.ncbi.nlm.nih.gov/10069331/>

The messenger RNAs for both glial cell line-derived neurotrophic factor receptors, C-ret and GDNFR, are induced in the rat brain in response to Kainate-induced excitation

Reeben, M.; Laurikainen, A.; Hiltunen, J.O.; Castren, Eero; **Saarma, Mart** Neuroscience 1998 / p. 151-159