

A cell type-specific allele of the POU gene Oct-6 reveals Schwann cell autonomous function in nerve development and regeneration

Ghazvini, M.; **Piirsoo, Marko** EMBO journal 2002 / p. 4612-4620 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC125415/>

Cell type-specific labelling of newly synthesized proteins by puromycin inactivation

Cabrera-Cabrera, Florencia; Tull, Helena; Capuana, Roberta; Kasvandik, Sergio; **Timmusk, Tõnis; Koppel, Indrek** Journal of biological chemistry 2023 / art. 105129, 12 p. : ill <https://doi.org/10.1016/j.jbc.2023.105129> [Journal metrics at Scopus](#) [Article at Scopus](#)

GDNF promotes tubulogenesis of GFR α 1-expressing MDCK cells by Src-mediated phosphorylation of Met receptor tyrosine kinase

Popsujeva, A.; **Saarma, Mart** Journal of cell biology 2003 / 1, p. 119-129 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2172872/>

GDNF signalling

Saarma, Mart Annual Endocrinology Society Meeting : Paris, 1999 1999

GDNF-deprived sympathetic neurons die via a novel nonmitochondrial pathway

Yu, Li-Ying; Jokitalo, E.; Sun, Yun-Fu; Mehlen, P.; Lindholm, Dan; **Saarma, Mart;** Arumäe, Urmas Journal of cell biology 2003 / 5, p. 987-997 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2173604/>

Glial cell line-derived neurotrophic factor rescues target-deprived sympathetic spinal cord neurons but requires transforming growth factor-beta as co-factor in vivo

Schober, A.; Hertel, R.; Arumäe, Urmas; Farkas, L.; Jaszai, J.; Kriegstein, K.; **Saarma, Mart;** Unsicker, K. Journal of neuroscience 1999 / p. 2008-2015 <https://www.jneurosci.org/content/19/6/2008.abstract>

Human glial cell line-derived neurotrophic factor receptor α 4 is the receptor for persephin, and is predominantly expressed in normal and malignant thyroid medullary cells

Lindahl, Maria; Poteryaev, Dmitry; Yu, Liying; Arumäe, Urmas; Timmusk, Tõnis; Bongarzone, Italia; Aiello, Antonella; Pierotti, Marco A.; Airaksinen, Matti S.; **Saarma, Mart** Journal of biological chemistry 2001 / 12, p. 9344-9351 : ill <https://doi.org/10.1074/jbc.M008279200>

Identification of the receptors for GDNF

Saarma, Mart; Titievsky, A.; Arumäe, Urmas; Airaksinen, Matti S. Princess Lilian Symposium "Kidney Development has Clinical Impacts", Brussels, October 26-27, 1998 1998 / p. 9

Other neurotrophic factors : Glial cell line-derived neurotrophic factor

Saarma, Mart; Sariola, H. Microscopy research and technique 1999 / p. 292-302

Promotion of seminomatous tumors by targeted overexpression of glial cell line-derived neurotrophic factor in mouse testis

Meng, X.; Rooij, D.G. de; Westerdahl, K.; **Saarma, Mart;** Sariola, H. Cancer research 2001 / p. 3267-3271 <https://pubmed.ncbi.nlm.nih.gov/11309277/>

Recent developments in the field of GDNF and its receptors

Saarma, Mart Forum of European Neuroscience, Berlin, June 27 - July 2, 1998 1998 / p. 12

Retarded growth and deficits in the enteric and parasympathetic nervous system in mice lacking GFR α 2, a functional neurturin receptor

Rossi, J.; Luukko, K.; Poteryaev, 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/>

Stroke induces widespread changes of gene expression for glial cell line-derived neurotrophic factor family receptors in the adult rat brain

Anidsson, A.; Kokaia, Zaal; Airaksinen, Matti S.; **Saarma, Mart;** Lindvall, O. Neuroscience 2001 / p. 27-41 <https://pubmed.ncbi.nlm.nih.gov/11564414/>