

### **GDNF receptors as a drug target for neural repair**

Bespalov, Maxim M.; Hetenyi, C.; **Karelson, Mati**; **Saarma, Mart** Cell transplantation 2007 / 3, p. 313-314  
[https://www.researchgate.net/publication/295730047\\_GDNF\\_receptors\\_as\\_a\\_drug\\_target\\_for\\_neural\\_repair](https://www.researchgate.net/publication/295730047_GDNF_receptors_as_a_drug_target_for_neural_repair)

### **Novel computational models for predicting dopamine interactions**

Katritzky, Alan R.; **Dobchev, Dimitar**; Stoyanova-Slavova, Iva B.; Kuanar, Minati; Bespalov, Maxim M.; **Karelson, Mati**; **Saarma, Mart** Experimental neurology 2008 / 1, p. 150-171 <https://www.sciencedirect.com/science/article/pii/S0014488608000368>

### **Small molecular weight ARTN mimetic for the treatment of neuropathic pain**

Sidorova, Y.A.; Bespalov, Maxim M.; **Karelson, Mati**; Saarma, Mart Cell transplantation 2012 / p. 792  
<https://researchportal.helsinki.fi/en/publications/small-molecular-weight-artn-mimetic-for-the-treatment-of-neuropathic-pain>

### **The first cysteine-rich domain of the receptor GFR[alpha]1 stabilizes the binding of GDNF**

Virtanen, Heidi; Yang, Jianmin; Bespalov, Maxim M.; Hiltunen, J.O.; Leppänen, V.M.; Kalkkinen, Nisse; Goldman, A.; **Saarma, Mart**; Runeberg-Roos, Pia Biochemical journal 2005 / 3, p. 817-824 <https://pubmed.ncbi.nlm.nih.gov/15610063/>

### **The structure of GFR[alpha]1 domain 3 reveals new insights into GDNF binding and RET activation**

Leppänen, V.M.; Bespalov, Maxim M.; Runeberg-Roos, Pia; Puurand, Ülo; **Merits, Andres**; **Saarma, Mart**; Goldman, A. EMBO journal 2004 / 7, p. 1452-1462 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC391078/>