

[Dysregulated IGFBP5 expression causes axon degeneration and motoneuron loss in diabetic neuropathy.](#)

Simon CM, Rauskolb S, Gunnensen JM, Holtmann B, Drepper C, Dombert B, Braga M, Wiese S, Jablonka S, Pühringer D, Zielasek J, Hoeflich A, Silani V, Wolf E, Kneitz S, Sommer C, Toyka KV, Sendtner M. *Acta Neuropathol.* 2015 Sep;130(3):373-87. doi: 10.1007/s00401-015-1446-8. Epub 2015 May 30. PMID: 26025657 Free PMC article.

[In vitro evidence for senescent multinucleated melanocytes as a source for tumor-initiating cells.](#)

Leikam C, Hufnagel AL, Otto C, Murphy DJ, Mühlhling B, Kneitz S, Nanda I, Schmid M, Wagner TU, Haferkamp S, Bröcker EB, Scharl M, Meierjohann S. *Cell Death Dis.* 2015 Apr 2;6(4):e1711. doi: 10.1038/cddis.2015.71. PMID: 25837487 Free PMC article.

[Transcriptomics of two evolutionary novelties: how to make a sperm-transfer organ out of an anal fin and a sexually selected "sword" out of a caudal fin.](#)

Kang JH, Manousaki T, Franchini P, Kneitz S, Scharl M, Meyer A. *Ecol Evol.* 2015 Feb;5(4):848-64. doi: 10.1002/ece3.1390. Epub 2015 Jan 23. PMID: 25750712 Free PMC article.

[Mutations in the SIX1/2 pathway and the DROSHA/DGCR8 miRNA microprocessor complex underlie high-risk blastemal type Wilms tumors.](#)

Wegert J, Ishaque N, Vardapour R, Geörg C, Gu Z, Bieg M, Ziegler B, Bausenwein S, Nourkami N, Ludwig N, Keller A, Grimm C, Kneitz S, Williams RD, Chagtai T, Pritchard-Jones K, van Sluis P, Volckmann R, Koster J, Versteeg R, Acha T, O'Sullivan MJ, Bode PK, Niggli F, Tytgat GA, van Tinteren H, van den Heuvel-Eibrink MM, Meese E, Vokuhl C, Leuschner I, Graf N, Eils R, Pfister SM, Kool M, Gessler M. *Cancer Cell.* 2015 Feb 9;27(2):298-311. doi: 10.1016/j.ccell.2015.01.002. PMID: 25670083 Free article.

[Mechanisms of epigenetic and cell-type specific regulation of Hey target genes in ES cells and cardiomyocytes.](#)

Weber D, Heisig J, Kneitz S, Wolf E, Eilers M, Gessler M. *J Mol Cell Cardiol.* 2015 Feb;79:79-88. doi: 10.1016/j.yjmcc.2014.11.004. Epub 2014 Nov 13. PMID: 25446183