

[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

[Impact of miR-21, miR-126 and miR-221 as prognostic factors of clear cell renal cell carcinoma with tumor thrombus of the inferior vena cava.](#)

Vergo DC, Kneitz S, Kalogirou C, Burger M, Krebs M, Rosenwald A, Spahn M, Löser A, Kocot A, Riedmiller H, Kneitz B. PLoS One. 2014 Oct 3;9(10):e109877. doi: 10.1371/journal.pone.0109877. eCollection 2014. PMID: 25279769 Free PMC article.

[Subcellular transcriptome alterations in a cell culture model of spinal muscular atrophy point to widespread defects in axonal growth and presynaptic differentiation.](#)

Saal L, Briese M, Kneitz S, Glinka M, Sendtner M. RNA. 2014 Nov;20(11):1789-802. doi: 10.1261/rna.047373.114. Epub 2014 Sep 22. PMID: 25246652 Free PMC article.

[Gene expression profiles of human dendritic cells interacting with Aspergillus fumigatus in a bilayer model of the alveolar epithelium/endothelium interface.](#)

Morton CO, Fliesser M, Dittrich M, Mueller T, Bauer R, Kneitz S, Hope W, Rogers TR, Einsele H, Loeffler J. PLoS One. 2014 May 28;9(5):e98279. doi: 10.1371/journal.pone.0098279. eCollection 2014. PMID: 24870357 Free PMC article.

[Silencing of Dicer1 temporally separates pro- and anti-apoptotic signaling and confers susceptibility to chemotherapy in p53 mutated cells.](#)

Nekova TS, Kneitz S, Einsele H, Stuhler G. Cell Cycle. 2014;13(14):2192-8. doi: 10.4161/cc.29216. Epub 2014 May 20. PMID: 24846461 Free PMC article.

[Survival in patients with high-risk prostate cancer is predicted by miR-221, which regulates proliferation, apoptosis, and invasion of prostate cancer cells by inhibiting IRF2 and SOCS3.](#)

Kneitz B, Krebs M, Kalogirou C, Schubert M, Joniau S, van Poppel H, Lerut E, Kneitz S, Scholz CJ, Ströbel P, Gessler M, Riedmiller H, Spahn M. Cancer Res. 2014 May 1;74(9):2591-603. doi: 10.1158/0008-5472.CAN-13-1606. Epub 2014 Mar 7. PMID: 24607843

[Comparative analysis of melanoma deregulated miRNAs in the medaka and Xiphophorus pigment cell cancer models.](#)

Mishra RR, Kneitz S, Scharl M. Comp Biochem Physiol C Toxicol Pharmacol. 2014 Jun;163:64-76. doi: 10.1016/j.cbpc.2014.01.002. Epub 2014 Jan 22. PMID: 24462553

[Combination of expression levels of miR-21 and miR-126 is associated with cancer-specific survival in clear-cell renal cell carcinoma.](#)

Vergo D, Kneitz S, Rosenwald A, Scherer C, Spahn M, Burger M, Riedmiller H, Kneitz B. BMC Cancer. 2014 Jan 15;14:25. doi: 10.1186/1471-2407-14-25. PMID: 24428907 Free PMC article.

[Cystathionase mediates senescence evasion in melanocytes and melanoma cells.](#)

Leikam C, Hufnagel A, Walz S, Kneitz S, Fekete A, Müller MJ, Eilers M, Scharl M, Meierjohann S. *Oncogene*. 2014 Feb 6;33(6):771-82. doi: 10.1038/onc.2012.641. Epub 2013 Jan 28. PMID: 23353821